

FILED
October 22, 2021
INDIANA UTILITY
REGULATORY COMMISSION

IURC Cause No. 45632

**City of East Chicago
Sanitary District**

Accounting Workpapers
Book 2

October 21, 2021

Baker Tilly US, LLP
Indianapolis, Indiana
IURC Cause No. 45632

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EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Calculation of Normalized Annual Operating Revenues-

ADJUSTMENT 1

-Residential-

**WASTEWATER
PLAN 2020**

WASTEWATER PLAN 2020	REVENUES WASTEWATER				
	ACCOUNT	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL	rate study Oct-19
MEASURE REVENUE	352200	\$50,000	\$50,000	\$57,399	\$50,000
RESIDENTIAL	352210	\$1,649,719	\$1,300,000	\$1,245,176	\$1,642,249
COMMERICAL	352220	\$973,908	\$945,000	\$930,035	\$915,996
INDUSTRIAL	352230	\$4,858,164	\$4,700,000	\$4,597,173	\$4,770,817
PUBLIC AUTHORITY	352240	\$355,068	\$380,000	\$361,418	\$274,987
OTHER/MISCELLANEOUS	353600	\$88,287	\$36,000	\$31,871	\$82,820
PRETREATMENT BASE	353670	\$116,700	\$208,000	\$207,694	\$211,203
MONITORING P/T	353680	\$94,120	\$156,000	\$156,324	\$163,858
INTEREST	353610	\$45,000	\$45,000	\$45,603	\$20,000
RENTAL INCOME	353400	\$25,000	\$26,750	\$26,750	\$25,000
TRSF DORMANT FUND	39300			\$38,683	
REIMBURSEMENT				\$11,530	
SALE OF ASSETS	392100			\$711	
OVER/SHORT	353630			(\$184,005)	
SEWER TAP IN FEES	353690	\$1,500	\$1,500	\$1,000	\$1,500
TOTAL REVENUES		\$8,257,467	\$7,848,250	\$7,527,361	\$8,158,430

Industrial Flow +
Industrial
Excessive
Strength = Total
\$3,550,442 +
\$1,046,731 =
\$4,597,173

-4.96%

4.26%

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of consumption (gallons) by tier and class from 2019 Consumer Study

Code Description (Multiple Items)

Row Labels	Sum of 1st block - Cons	Sum of 2nd block - cons	Sum of Consumption Gallons
Res	271,614,918	4,977,819	276,592,736
Com	183,694,274	81,648,121	265,342,396
Ind	45,815,197	840,987,264	886,802,461
pub	36,165,204	40,662,914	76,828,118
Grand Total	537,289,593	968,276,118	1,505,565,711

35.69%

64.31%

East Chicago Sewer COSS 2020

B.Gabbard 9/30/20

PIVOT of base charges by customer class from 2019 Consumer Study

Code Description	(Multiple Items)
Base Charge	(All)

Row Labels	Count of Base Charge	Sum of Base Charge	Sum of Billing charge
Res	65,165	344,629	240,064
Com	13,113	168,894	48,357
Ind	1,455	173,803	5,350
pub	2,360	84,681	8,708
Grand Total	82,093	772,007	302,480

EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Calculation of Normalized Annual Operating Revenues-

ADJUSTMENT 2

-Commercial-

**WASTEWATER
PLAN 2020**

REVENUES WASTEWATER				
ACCOUNT	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL	rate study Oct-19
MEASURE REVENUE	352200	\$50,000	\$50,000	\$57,399
RESIDENTIAL	352210	\$1,649,719	\$1,300,000	\$1,245,176
COMMERICAL	352220	\$973,908	\$945,000	\$930,035
INDUSTRIAL	352230	\$4,858,164	\$4,700,000	\$4,597,173
PUBLIC AUTHORITY	352240	\$355,068	\$380,000	\$361,418
OTHER/MISCELLANEOUS	353600	\$88,287	\$36,000	\$31,871
PRETREATMENT BASE	353670	\$116,700	\$208,000	\$207,694
MONITORING P/T	353680	\$94,120	\$156,000	\$156,324
INTEREST	353610	\$45,000	\$45,000	\$45,603
RENTAL INCOME	353400	\$25,000	\$26,750	\$26,750
TRSF DORMANT FUND	39300			\$38,683
REIMBURSEMENT				\$11,530
SALE OF ASSETS	392100			\$711
OVER/SHORT	353630			(\$184,005)
SEWER TAP IN FEES	353690	\$1,500	\$1,500	\$1,000
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East Chicago Sewer COSS 2020

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East Chicago Sewer COSS 2020

B.Gabbard 9/30/20

PIVOT of base charges by customer class from 2019 Consumer Study

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Row Labels	Count of Base Charge	Sum of Base Charge	Sum of Billing charge
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Com	13,113	168,894	48,357
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EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Calculation of Normalized Annual Operating Revenues-

ADJUSTMENT 3

-Industrial Flow-

**WASTEWATER
PLAN 2020**

REVENUES WASTEWATER				
ACCOUNT	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL	rate study Oct-19
MEASURE REVENUE	352200	\$50,000	\$50,000	\$57,399
RESIDENTIAL	352210	\$1,649,719	\$1,300,000	\$1,245,176
COMMERICAL	352220	\$973,908	\$945,000	\$930,035
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MONITORING P/T	353680	\$94,120	\$156,000	\$156,324
INTEREST	353610	\$45,000	\$45,000	\$45,603
RENTAL INCOME	353400	\$25,000	\$26,750	\$26,750
TRSF DORMANT FUND	39300			\$38,683
REIMBURSEMENT				\$11,530
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East Chicago Sewer COSS 2020

B.Gabbard 9/30/20

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East Chicago Sewer COSS 2020

B.Gabbard 9/30/20

PIVOT of base charges by customer class from 2019 Consumer Study

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Base Charge	(All)

Row Labels	Count of Base Charge	Sum of Base Charge	Sum of Billing charge
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EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Calculation of Normalized Annual Operating Revenues-

ADJUSTMENT 4

-Public Authority-

**WASTEWATER
PLAN 2020**

		REVENUES WASTEWATER			
	ACCOUNT	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL	rate study Oct-19
MEASURE REVENUE	352200	\$50,000	\$50,000	\$57,399	\$50,000
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MONITORING P/T	353680	\$94,120	\$156,000	\$156,324	\$163,858
INTEREST	353610	\$45,000	\$45,000	\$45,603	\$20,000
RENTAL INCOME	353400	\$25,000	\$26,750	\$26,750	\$25,000
TRSF DORMANT FUND	39300			\$38,683	
REIMBURSEMENT				\$11,530	
SALE OF ASSETS	392100			\$711	
OVER/SHORT	353630			(\$184,005)	
SEWER TAP IN FEES	353690	\$1,500	\$1,500	\$1,000	\$1,500
TOTAL REVENUES		\$8,257,467	\$7,848,250	\$7,527,361	\$8,158,430

Industrial Flow +
Industrial
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Strength = Total
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East Chicago Sewer COSS 2020

B.Gabbard 9/30/20

PIVOT of consumption (gallons) by tier and class from 2019 Consumer Study

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Com	183,694,274	81,648,121	265,342,396
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pub	36,165,204	40,662,914	76,828,118
Grand Total	537,289,593	968,276,118	1,505,565,711

35.69%

64.31%

East Chicago Sewer COSS 2020

B.Gabbard 9/30/20

PIVOT of base charges by customer class from 2019 Consumer Study

Code Description	(Multiple Items)
Base Charge	(All)

Row Labels	Count of Base Charge	Sum of Base Charge	Sum of Billing charge
Res	65,165	344,629	240,064
Com	13,113	168,894	48,357
Ind	1,455	173,803	5,350
pub	2,360	84,681	8,708
Grand Total	82,093	772,007	302,480

EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Calculation of Normalized Annual Operating Revenues-

ADJUSTMENT 5

-Industrial Excessive Strength-

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of Excessive Strength Surcharges from 2019 Consumer Study

Code Description		CHEMICAL OXYGEN DEMAND	100 mg/l domestic loading
Row Labels	Sum of Total bill	Sum of Consumption	LBS of COD
BUCKEYE PIPE LINE	\$5,535	19,769.00	
LAKESHORE RAILCAR SERVICES	\$6,402	22,866.00	
NATIONAL PROCESSING COMPANY	\$2,747	9,811.00	
PRAXAIR INC.	\$29,282	104,578.00	
SAFETY-KLEEN ACCOUNTS PAYABLE	\$57,450	205,179.00	
TAC, INC EAST	\$3,965	14,160.00	
UNITED STATES GYPSUM	\$3,066	10,950.00	
W. R. GRACE & CO.	\$395	1,412.00	
Grand Total	\$108,843	388,725.00	
Code Description		TOTAL SUSPENDED SOLIDS	250 mg/l domestic loading
Row Labels	Sum of Total bill	Sum of Consumption	LBS of TSS
ICO POLYMERS (IPNA)	\$34	37.00	
NATIONAL PROCESSING COMPANY	\$2,296	2,496.00	
PRAXAIR, INC.	\$128	139.00	
SAFETY-KLEEN ACCOUNTS PAYABLE	\$18,981	20,631.00	
UNITED STATES GYPSUM	\$639	695.00	
W. R. GRACE & CO.	\$915,809	995,445.00	
Grand Total	\$937,888	1,019,443.00	
Total		1,046,730.56	1,408,168.00

East Chicago Sanitary District
B.Gabbard 9/30/20
Pivot of ESS Monthly Reports for 2019 (Pretreatment)

		Data		
Acct No	INDUSTRY-DISCHARGE	Sum of BASE CHARGE	Sum of NUMBER OF EVENTS	Sum of MONITORING CHARGE
010011	ELECTRIC COATING TECH.	\$8,420.04	12.00	\$7,533.72
010014	NATIONAL PROCESSING	\$8,420.04	12.00	\$7,533.72
010016	INDIANA RADIATOR	\$4,210.02	0.00	\$0.00
010017	PRAXAIR, INC., PROD. PLANT	\$8,420.04	12.00	\$7,533.72
010018	ArcelorMittal IN Harbor West	\$8,420.04	12.00	\$7,533.72
010019	SAFETY-KLEEN SYSTEMS, INC.	\$8,420.04	20.00	\$12,556.20
010022	UNITED STATES GYPSUM	\$8,420.04	15.00	\$9,417.15
010024	UNITED STATES STEEL CORP.	\$8,420.04	11.00	\$6,905.91
010025	W.R. GRACE & CO.	\$8,420.04	12.00	\$7,533.72
010027	PRAXAIR, INC., RARE GASES	\$8,420.04	12.00	\$7,533.72
010028	PRAXAIR, INC., HYD. PLANT	\$8,420.04	12.00	\$7,533.72
010030	CENTRAL STATES	\$4,210.02	0.00	\$0.00
010031	CITGO PETROLEUM CORP.	\$7,718.37	0.00	\$0.00
010033	ArcelorMittal IN Harbor West	\$8,420.04	12.00	\$7,533.72
010034	ArcelorMittal IN Harbor East	\$8,420.04	12.00	\$7,533.72
010035	ArcelorMittal IN Harbor East	\$8,420.04	12.00	\$7,533.72
010036	ArcelorMittal IN Harbor West Long Carbor	\$8,420.04	12.00	\$7,533.72
010037	ArcelorMittal IN Harbor West	\$8,420.04	12.00	\$7,533.72
010047	LAKESHORE RAILCAR SERVICES LLC	\$8,420.04	21.00	\$13,184.01
010051	NATIONAL PROCESSING	\$8,420.04	12.00	\$7,533.72
010127	ICO POLYMERS NA (IPNA)	\$8,420.04	12.00	\$7,533.72
010136	USS LEAD REFINERY, INC.	\$8,420.04	0.00	\$0.00
010194	BUCKEYE PIPELINE COMPANY	\$8,420.04	2.00	\$1,255.62
010201	KEMIRA WATER SOLUTIONS	\$4,210.02	0.00	\$0.00
010257	TAC EAST, INC	\$6,315.03	8.00	\$5,022.48
010415	GATX Remediation	\$6,315.03	0.00	\$0.00
010416	Buckeye Pipeline Project 1	\$2,806.68	0.00	\$0.00
010417	Buckeye Pipeline Project 2	\$2,806.68	0.00	\$0.00
Grand Total		\$206,992.65	245.00	\$153,813.45

Calendar Year 2019 ESS Charges

Acct No	INDUSTRY-DISCHARGE	Data			
		Sum of LBS. of Solids	Sum of LBS. of COD	Sum of SOLIDS CHARGE	Sum of COD CHARGE
010011	ELECTRIC COATING TECH.	-	-	-	-
010014	NATIONAL PROCESSING	87.00	1,382.00	80.04	386.96
010016	INDIANA RADIATOR	-	-	-	-
010017	PRAXAIR, INC., PROD. PLANT	139.00	-	127.88	-
010018	ArcelorMittal IN Harbor West	-	-	-	-
010019	SAFETY-KLEEN SYSTEMS, INC.	15,180.00	170,116.00	13,965.60	47,632.48
010022	UNITED STATES GYPSUM	674.00	61,171.00	620.08	17,127.88
010024	UNITED STATES STEEL CORP.	-	-	-	-
010025	W.R. GRACE & CO.	1,120,930.00	-	1,031,255.60	-
010027	PRAXAIR, INC., RARE GASES	-	-	-	-
010028	PRAXAIR, INC., HYD. PLANT	-	89,518.00	-	25,065.04
010030	CENTRAL STATES	-	-	-	-
010031	CITGO PETROLEUM CORP.	-	-	-	-
010033	ArcelorMittal IN Harbor West	-	-	-	-
010034	ArcelorMittal IN Harbor East	-	-	-	-
010035	ArcelorMittal IN Harbor East	-	-	-	-
010036	ArcelorMittal IN Harbor West Long Carbon	-	-	-	-
010037	ArcelorMittal IN Harbor West	-	-	-	-
010047	LAKESHORE RAILCAR SERVICES LLC	-	20,827.00	-	5,831.56
010051	NATIONAL PROCESSING	603.00	-	554.76	-
010127	ICO POLYMERS NA (IPNA)	37.00	-	34.04	-
010136	USS LEAD REFINERY, INC.	-	-	-	-
010194	BUCKEYE PIPELINE COMPANY	-	691,462.00	-	193,609.36
010201	KEMIRA WATER SOLUTIONS	-	-	-	-
010257	TAC EAST, INC	-	9,621.00	-	2,693.88
010415	GATX Remediation	-	-	-	-
010416	Buckeye Pipeline Project 1	-	-	-	-
010417	Buckeye Pipeline Project 2	-	-	-	-
Grand Total		1,137,650.00	1,044,097.00	1,046,638.00	292,347.16

Normalized 2019 ESS Charge

\$1,338,985.16

EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Calculation of Normalized Annual Operating Revenues-

ADJUSTMENT 6

-Industrial Excessive Strength-

(W.R. Grace)

East Chicago Sanitary (Sewer)

B.Gabbard 11/6/20

Normalize W.R. Grace TSS

Source: Ken Myers email 10.21.20 and graph of historical W.R. Grace TSS loading (2015 - 2019)

TSS (mg/L)

2020 (YTD) 1776 Per Ken Meyers Email
2019 2076 Per Ken Meyers Email

2018 1500
20
1600
20
3800
50
20
1000
0
150
100
150

Avg

700.8333333 Per Graph

2017 800
20
10
750
30
10
50
1500
2600
20
30
1200

Avg

585 Per Graph

2016 No Data

2015 0
50
0
2800
0
1650
20
100
20
20
1500
400

546.6666667 Per Graph

2015, and 2017 - 2020 average

1,136.90

Times 2019 Test year W.R. Grace Flow (MG)

71.034052

Times conversion factor

8.34

Normalized W.R Grace TSS Lbs

673,526.84

Plus 2019 TSS Lbs from non W.R. Grace Customers

23,998

Normalized Lbs of TSS Loading

697,525

Gabbard, Bill

From: Kenneth Myers <kmyers@eastchicago.com>
Sent: Wednesday, October 21, 2020 2:35 PM
To: Gabbard, Bill; Lilia Ramos
Cc: Anthony Herrera; Riley, Andre; Eschweiler, Mitchell
Subject: RE: East Chicago Sanitary - Data Request

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bill,

The allocation percentages as calculated appear to be correct. These values were determined based upon the 2019 MROs and the process removals calculated within the MRO report.

With regard to the WR Grace excessive strength loadings, the TSS discharges at WR Grace in 2019 were historically high. We only sample WR Grace once a month at random, so with such a small sample size having a wide range of TSS concentrations reported (11.0 mg/L to 5,340 mg/L for 2019 through 2020), it is hard to make a firm conclusion about what is normal. The mean TSS concentration for 2019 was 2,076 mg/L with surcharges being billed nine of the 12 months billed. These surcharges amounted to approximately \$1,156,000 of fees collected by the Sanitary District. To date, the mean TSS average for 2020 is 1,776 mg/L (slight lower) with surcharges being assessed six times over the nine months billed to date (approximately \$480,000 to date). Without any process changes implemented by WR Grace to remove the excess TSS from their discharge, I would anticipate that the excessive TSS surcharges would continue to be incurred.

The additional NIPSCO and Workers Compensation documentation is still being assembled. That information will be provided once retrieved from our archived files.

Ken



Kenneth L. Myers
Compliance Manager
City of East Chicago Sanitary District
219.391.8466 ext 228

Visit us at...



From: Gabbard, Bill [mailto:Bill.Gabbard@bakertilly.com]
Sent: Tuesday, October 20, 2020 12:09 PM

EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Calculation of Normalized Annual Operating Revenues-

ADJUSTMENT 7

-Rate Fatigue-

EAST CHICAGO SANITARY DISTRICT
(Sanitary Division)SCHEDULE OF NORMALIZED OPERATING RECEIPTS

(Cont'd)

Adjustment (4)Public Authority

To normalize test year collections based on calendar year 2019 usage (billings for January 2019 - December 2019).

Calendar year 2019 tier I usage (in 1,000 gallons)	36,165	
Times: Current flow rate per 1,000 gallons	<u>\$2.34</u>	
Calculated flow receipts		\$84,626
Calendar year 2019 tier II usage (in 1,000 gallons)	40,663	
Times: Current flow rate per 1,000 gallons	<u>\$3.88</u>	
Calculated flow receipts		157,772
Base charge		84,681
Billing charge		8,708
Less: Test year receipts		<u>(361,418)</u>
Adjustment		<u>(\$25,631)</u>

Adjustment (5)Industrial excessive strength

To normalize industrial excessive strength surcharges to reflect 12 monthly billings. Calculated as follows:

Normalized amount (based on the 12 months ended December 2019)	\$1,338,985
Less test year amount	<u>(1,046,731)</u>
Adjustment	<u>\$292,254</u>

Adjustment (6)Industrial excessive strength

To normalize test year collections based on historical TSS loadings for W.R. Grace, per utility management (email 10/21/2020).

Historical average W.R. Grace pounds of TSS (2015 - 2020)	673,527
Less: Test year W.R. Grace pounds of TSS	<u>(995,445)</u>
Subtotal	(321,918)
Times \$0.92/lb	<u>\$0.92</u>
Adjustment	<u>(\$296,165)</u>

Adjustment (7)Rate Fatigue

	Calendar Year Ended					
	12/31/2014	12/31/2015	12/31/2016	12/31/2017	12/31/2018	12/31/2019
<u>Billed Revenue:</u>	<u>\$6,363,872</u>	<u>\$6,079,399</u>	<u>\$6,006,842</u>	<u>\$6,845,115</u>	<u>\$6,692,381</u>	<u>\$7,138,661</u>
Annual increase (decrease)		(\$284,473)	(\$72,557)	\$838,273	(\$152,734)	\$446,280
Less estimated revenue Phase I 2016 rate increase of 11.0%			(668,734)			
Less estimated revenue Phase II 2016 rate increase of 10.9%			(247,209)	(393,382)		
Net increase (decrease) in revenue		(284,473)	(988,500)	444,891	(152,734)	446,280
Divide by prior year's revenue		<u>6,363,872</u>	<u>6,079,399</u>	<u>6,006,842</u>	<u>6,845,115</u>	<u>6,692,381</u>
Average Annual Percentage Change		<u>-4.5%</u>	<u>-16.3%</u>	<u>7.4%</u>	<u>-2.2%</u>	<u>6.7%</u>
5-Year Average						<u>-1.78%</u>
Normalized Revenue						\$7,420,801
Times 5-Year Average Reduction in Revenue						<u>-1.78%</u>
Adjustment to be Allocated Below						<u>(\$132,090)</u>
Operating Receipts:	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>	<u>Public Authority</u>	<u>Total</u>	
Normalized receipts	\$1,239,587	\$963,889	\$3,549,390	\$335,787	\$6,088,653	
Less estimated receipt reduction (5)	<u>(26,892)</u>	<u>(20,911)</u>	<u>(77,002)</u>	<u>(7,285)</u>	<u>(132,090)</u>	
Total Normalized Receipts	<u>\$1,212,695</u>	<u>\$942,978</u>	<u>\$3,472,388</u>	<u>\$328,502</u>	<u>\$5,956,563</u>	

(See Accountants' Compilation Report)

(Handwritten: D-5)

Rate Fatigue Calculation

Prep:
Prep Date:
Review
Review Date

(Handwritten box with checkmark and calculations)
 2014
 (209,053)
 6,136,872

EAST CHICAGO SANITARY DISTRICT COLLECTION PERCENTAGE																		
2011			2012			2013			2014			2015			TOTAL 2011-2015			PERCENTAGE
BILLINGS	COLLECTIONS	PERCENTAGE	BILLINGS	COLLECTIONS	PERCENTAGE	BILLINGS	COLLECTIONS	PERCENTAGE	BILLINGS	COLLECTIONS	PERCENTAGE	BILLINGS	COLLECTIONS	PERCENTAGE	BILLINGS	COLLECTIONS	PERCENTAGE	
RESIDENTIAL	1,773,002.00	1,755,681.00	99.02%	1,880,090.00	1,758,196.00	93.52%	1,812,433.00	2,027,661.00	111.88%	2,042,760.00	1,884,355.00	92.25%	995,103.00	895,357.00	89.98%	8,503,388.00	8,321,250.00	97.86%
COMMERICAL			#DIV/0!			#DIV/0!			#DIV/0!			#DIV/0!	647,176.00	635,642.00	98.25%	647,176.00	635,642.00	98.25%
INDUSTRIAL	3,458,989.00	3,083,281.00	89.14%	3,064,619.00	3,196,693.00	104.31%	2,800,804.00	2,750,209.00	98.19%	4,113,967.00	3,621,229.00	88.03%	3,417,671.00	3,824,320.00	111.90%	16,856,050.00	16,475,732.00	97.74%
PRETREATMENT							138,210.00	109,005.00	78.87%	205,053.00	284,863.00	138.93%	154,315.00	240,566.00	155.89%	497,578.00	634,434.00	127.50%
HOUSING/PUBLIC AUTHORITY	464,900.00	271,281.00	58.35%	340,132.00	221,563.00	65.14%	219,382.00	223,460.00	101.86%	207,145.00	309,132.00	149.23%	187,767.00	242,174.00	128.98%	1,419,326.00	1,267,610.00	89.31%
TOTAL	5,696,891.00	5,110,243.00	89.70%	5,284,841.00	5,176,452.00	97.95%	4,970,829.00	5,110,335.00	102.81%	6,568,925.00	6,099,579.00	92.86%	5,402,032.00	5,838,759.00	108.08%	27,923,518.00	27,334,868.00	97.89%

NOTE: Residential for years 2011-2014 is total for residential and commercial.
Will have break out of residential & commercial collections by Monday.

YEAR	AR CAT	CHG CD	UT CODE	UTILITY	CATEGORY	ADJUSTED BILL
2015	60	2100		Sewer	METERED SALES TO RESIDENTIAL	961,886.86
2015	60	2100C		Sewer	MEASURED COMMERCIAL REVENUES	188,247.27
2015	60	2100H		Sewer	MEASURED RESIDENTIAL REVENUES	65,355.37
2015	60	2100I		Sewer	MEASURED INDUSTRIAL REVENUES	5,051.65
2015	60	2100P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	1,473.73
2015	60	2110		Sewer	METERED SALES TO RESIDENTIAL	26,127.30
2015	60	2110C		Sewer	MEASURED COMMERCIAL REVENUES	104,936.92
2015	60	2110I		Sewer	MEASURED INDUSTRIAL REVENUES	7,856.91
2015	60	2110P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	1,559.75
2015	60	2115		Sewer	METERED SALES TO RESIDENTIAL	3,544.24
2015	60	2115C		Sewer	MEASURED COMMERCIAL REVENUES	61,281.43
2015	60	2115I		Sewer	MEASURED INDUSTRIAL REVENUES	9,365.00
2015	60	2115P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	623.3
2015	60	2120C		Sewer	MEASURED COMMERCIAL REVENUES	45,212.39
2015	60	2120I		Sewer	MEASURED INDUSTRIAL REVENUES	394,013.15
2015	60	2120P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	17,102.62
2015	60	2125C		Sewer	MEASURED COMMERCIAL REVENUES	199,869.90
2015	60	2125CG		Sewer	MEASURED COMMERCIAL REVENUES	1,828.30
2015	60	2125G		Sewer	MEASURED PUBLIC AUTHOR REVENUE	1,492.25
2015	60	2125I		Sewer	MEASURED INDUSTRIAL REVENUES	30,167.79
2015	60	2125P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	33,500.61
2015	60	2130C		Sewer	MEASURED INDUSTRIAL REVENUES	1,516.22
2015	60	2130I		Sewer	MEASURED INDUSTRIAL REVENUES	7,675.85
2015	60	2130P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	17,215.37
2015	60	2135C		Sewer	MEASURED COMMERCIAL REVENUES	95,193.66
2015	60	2135I		Sewer	MEASURED INDUSTRIAL REVENUES	61,324.70
2015	60	2135IG		Sewer	MEASURED PUBLIC AUTHOR REVENUE	2,860.84
2015	60	2135P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	94,905.43
2015	60	2140I		Sewer	MEASURED INDUSTRIAL REVENUES	80,475.53
2015	60	2140P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	36,085.98
2015	60	5100		Sewer	METERED SALES TO INDUSTRIAL	627.84
2015	60	5110		Sewer	METERED SALES TO INDUSTRIAL	69,421.39
2015	60	5120		Sewer	METERED SALES TO INDUSTRIAL	1,454,262.39
2015	60	5130		Sewer	METERED SALES TO INDUSTRIAL	4,847.43
2015	60	5140		Sewer	METERED SALES TO INDUSTRIAL	170,487.71
2015	60	5150		Sewer	METERED SALES TO INDUSTRIAL	12,986.19
2015	60	5160		Sewer	METERED SALES TO INDUSTRIAL	268,321.50
2015	60	5170		Sewer	METERED SALES TO INDUSTRIAL	987,386.63
2015	60	5180		Sewer	METERED SALES TO INDUSTRIAL	173,185.40
2015	60	5190		Sewer	METERED SALES TO RESIDENTIAL MISC	218,328.34
2015	60	60C2		Sewer	SERV REVS	17,078.00
2015	60	60T2		Sewer	MISC SERV REVS	7,636.00
2015	60	COD		Sewer	COD	35,169.76
2015		TSS		Sewer	TSS	95,790.00
						6,073,278.90

YEAR	AR	CAT	CHG	CD	UT CODE	UTILITY	CATEGORY	ADJUSTED BILL
2016		60		2000		Sewer	METERED SALES TO RESIDENTIAL	24.48
2016		60		2001		Sewer	METERED SALES TO RESIDENTIAL	85.17
2016		60		2100		Sewer	METERED SALES TO RESIDENTIAL	951,562.08
2016		60		2100C		Sewer	MEASURED COMMERCIAL REVENUES	221,460.82
2016		60		2100H		Sewer	MEASURED RESIDENTIAL REVENUES	81,151.25
2016		60		2100I		Sewer	MEASURED INDUSTRIAL REVENUES	6,028.04
2016		60		2100P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	1,001.71
2016		60		2110		Sewer	METERED SALES TO RESIDENTIAL	26,101.96
2016		60		2110C		Sewer	MEASURED COMMERCIAL REVENUES	121,812.73
2016		60		2110I		Sewer	MEASURED INDUSTRIAL REVENUES	8,321.32
2016		60		2110P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	1,178.50
2016		60		2115		Sewer	METERED SALES TO RESIDENTIAL	3,968.45
2016		60		2115C		Sewer	MEASURED COMMERCIAL REVENUES	70,305.05
2016		60		2115I		Sewer	MEASURED INDUSTRIAL REVENUES	5,341.02
2016		60		2115P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	650.37
2016		60		2120C		Sewer	MEASURED COMMERCIAL REVENUES	55,091.54
2016		60		2120I		Sewer	MEASURED INDUSTRIAL REVENUES	14,815.90
2016		60		2120P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	21,785.36
2016		60		2125C		Sewer	MEASURED COMMERCIAL REVENUES	125,542.97
2016		60		2125CG		Sewer	MEASURED COMMERCIAL REVENUES	588.55
2016		60		2125G		Sewer	MEASURED PUBLIC AUTHOR REVENUE	1,921.99
2016		60		2125I		Sewer	MEASURED INDUSTRIAL REVENUES	52,878.03
2016		60		2125P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	40,269.96
2016		60		2130C		Sewer	MEASURED INDUSTRIAL REVENUES	1,217.01
2016		60		2130G		Sewer	MEASURED INDUSTRIAL REVENUES	1,429.07
2016		60		2130I		Sewer	MEASURED INDUSTRIAL REVENUES	13,896.99
2016		60		2130P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	23,312.85
2016		60		2135C		Sewer	MEASURED COMMERCIAL REVENUES	125,840.27
2016		60		2135I		Sewer	MEASURED INDUSTRIAL REVENUES	60,288.85
2016		60		2135IG		Sewer	MEASURED PUBLIC AUTHOR REVENUE	2,789.44
2016		60		2135P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	125,647.30
2016		60		2140I		Sewer	MEASURED INDUSTRIAL REVENUES	85,538.19
2016		60		2140P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	49,213.46
2016		60		2145C		Sewer	MEASURED COMMERCIAL REVENUES	61,329.70
2016		60		5003		Sewer	METERED SALES TO INDUSTRIAL	5,094.90
2016		60		5100		Sewer	METERED SALES TO INDUSTRIAL	7.23
2016		60		5110		Sewer	METERED SALES TO INDUSTRIAL	155,806.32
2016		60		5120		Sewer	METERED SALES TO INDUSTRIAL	614,387.29
2016		60		5130		Sewer	METERED SALES TO INDUSTRIAL	4,331.04
2016		60		5140		Sewer	METERED SALES TO INDUSTRIAL	722,854.86
2016		60		5150		Sewer	METERED SALES TO INDUSTRIAL	12,204.56
2016		60		5160		Sewer	METERED SALES TO INDUSTRIAL	311,934.36
2016		60		5170		Sewer	METERED SALES TO INDUSTRIAL	871,352.01
2016		60		5180		Sewer	METERED SALES TO INDUSTRIAL	294,486.52
2016		60		5190		Sewer	METERED SALES TO INDUSTRIAL	355,326.18
2016		60		COD		Sewer	COD	92,384.78
2016		60		TSS		Sewer	TSS	204,252.37
								6,006,812.80

YEAR	AR CAT	CHG CD	UT CODE	UTILITY	CATEGORY	ADJUSTED BILL
2017	60	2000		Sewer	METERED SALES TO RESIDENTIAL	39.78
2017	60	2001		Sewer	METERED SALES TO RESIDENTIAL	332.52
2017	60	2100		Sewer	METERED SALES TO RESIDENTIAL	1,240,365.37
2017	60	2100C		Sewer	MEASURED COMMERCIAL REVENUES	232,117.43
2017	60	2100G		Sewer	MEASURED RESIDENTIAL REVENUES	23,705.26
2017	60	2100H		Sewer	MEASURED RESIDENTIAL REVENUES	31,558.80
2017	60	2100I		Sewer	MEASURED INDUSTRIAL REVENUES	2,646.08
2017	60	2100P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	1,123.80
2017	60	2110		Sewer	METERED SALES TO RESIDENTIAL	32,195.64
2017	60	2110C		Sewer	MEASURED COMMERCIAL REVENUES	131,818.32
2017	60	2110G		Sewer	MEASURED RESIDENTIAL REVENUES	4,151.70
2017	60	2110I		Sewer	MEASURED INDUSTRIAL REVENUES	8,450.95
2017	60	2110P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	885.11
2017	60	2115		Sewer	METERED SALES TO RESIDENTIAL	4,961.58
2017	60	2115C		Sewer	MEASURED COMMERCIAL REVENUES	74,036.98
2017	60	2115CG		Sewer	MEASURED COMMERCIAL REVENUES	2,390.20
2017	60	2115G		Sewer	MEASURED RESIDENTIAL REVENUES	417.75
2017	60	2115I		Sewer	MEASURED INDUSTRIAL REVENUES	7,323.89
2017	60	2115P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	801.59
2017	60	2120C		Sewer	MEASURED COMMERCIAL REVENUES	72,305.78
2017	60	2120I		Sewer	MEASURED INDUSTRIAL REVENUES	9,050.36
2017	60	2120P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	38,202.84
2017	60	2125C		Sewer	MEASURED COMMERCIAL REVENUES	139,511.55
2017	60	2125CG		Sewer	MEASURED COMMERCIAL REVENUES	777.16
2017	60	2125G		Sewer	MEASURED PUBLIC AUTHOR REVENUE	2,290.78
2017	60	2125I		Sewer	MEASURED INDUSTRIAL REVENUES	43,999.89
2017	60	2125P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	44,707.52
2017	60	2130C		Sewer	MEASURED INDUSTRIAL REVENUES	1,988.21
2017	60	2130G		Sewer	MEASURED INDUSTRIAL REVENUES	2,084.60
2017	60	2130I		Sewer	MEASURED INDUSTRIAL REVENUES	12,050.38
2017	60	2130P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	23,779.29
2017	60	2135C		Sewer	MEASURED COMMERCIAL REVENUES	129,572.70
2017	60	2135I		Sewer	MEASURED INDUSTRIAL REVENUES	63,844.20
2017	60	2135IG		Sewer	MEASURED PUBLIC AUTHOR REVENUE	4,459.93
2017	60	2135P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	125,167.83
2017	60	2140I		Sewer	MEASURED INDUSTRIAL REVENUES	98,292.24
2017	60	2140P		Sewer	MEASURED PUBLIC AUTHOR REVENUE	56,790.14
2017	60	2145C		Sewer	MEASURED COMMERCIAL REVENUES	70,146.58
2017	60	5110		Sewer	METERED SALES TO INDUSTRIAL	68,815.95
2017	60	5120		Sewer	METERED SALES TO INDUSTRIAL	1,406,531.24
2017	60	5130		Sewer	METERED SALES TO INDUSTRIAL	7,085.79
2017	60	5140		Sewer	METERED SALES TO INDUSTRIAL	352,828.41
2017	60	5150		Sewer	METERED SALES TO INDUSTRIAL	14,770.12
2017	60	5160		Sewer	METERED SALES TO INDUSTRIAL	260,190.25
2017	60	5170		Sewer	METERED SALES TO INDUSTRIAL	1,064,597.26
2017	60	5180		Sewer	METERED SALES TO INDUSTRIAL	293,571.60
2017	60	5190		Sewer	METERED SALES TO INDUSTRIAL	302,324.91
2017	60	COD		Sewer	COD	75,256.16
2017	60	TSS		Sewer	TSS	260,798.84
						<hr/>
						6,845,115.26

YEAR	AR	CAT	CHG	CD	UT	CODE	UTILITY	CATEGORY	BEG RECEIVABLE	ORIGINAL BILL	EXCLUDED BILL	ABATEMENTS	ADJUSTMENTS	ADJUSTED BILL
2018	60		2000				Sewer	METERED SALES TO RESIDENTIAL						115.05
2018	60		2001				Sewer	METERED SALES TO RESIDENTIAL						556.92
2018	60		2002				Sewer	METERED SALES TO RESIDENTIAL						102.00
2018	60		2100				Sewer	METERED SALES TO RESIDENTIAL						1,206,859.20
2018	60		2100C				Sewer	MEASURED COMMERCIAL REVENUES						217,843.38
2018	60		2100CG				Sewer	MEASURED RESIDENTIAL REVENUES						446.16
2018	60		2100G				Sewer	MEASURED RESIDENTIAL REVENUES						96,542.14
2018	60		2100H				Sewer	MEASURED RESIDENTIAL REVENUES						6,628.43
2018	60		2100I				Sewer	MEASURED INDUSTRIAL REVENUES						2,304.92
2018	60		2100P				Sewer	MEASURED PUBLIC AUTHOR REVENUE						842.00
2018	60		2100PG				Sewer	MEASURED PUBLIC AUTHOR REVENUE						123.73
2018	60		2110				Sewer	METERED SALES TO RESIDENTIAL						30,733.17
2018	60		2110C				Sewer	MEASURED COMMERCIAL REVENUES						119,535.33
2018	60		2110CG				Sewer	MEASURED RESIDENTIAL REVENUES						299.34
2018	60		2110G				Sewer	MEASURED RESIDENTIAL REVENUES						12,098.59
2018	60		2110I				Sewer	MEASURED INDUSTRIAL REVENUES						10,090.69
2018	60		2110P				Sewer	MEASURED PUBLIC AUTHOR REVENUE						410.32
2018	60		2110PG				Sewer	MEASURED PUBLIC AUTHOR REVENUE						158.71
2018	60		2115				Sewer	METERED SALES TO RESIDENTIAL						3,967.61
2018	60		2115C				Sewer	MEASURED COMMERCIAL REVENUES						70,057.64
2018	60		2115CG				Sewer	MEASURED COMMERCIAL REVENUES						2,782.07
2018	60		2115G				Sewer	MEASURED RESIDENTIAL REVENUES						11,091.08
2018	60		2115I				Sewer	MEASURED INDUSTRIAL REVENUES						6,203.74
2018	60		2115P				Sewer	MEASURED PUBLIC AUTHOR REVENUE						3,284.66
2018	60		2115PG				Sewer	MEASURED PUBLIC AUTHOR REVENUE						33.79
2018	60		2120C				Sewer	MEASURED COMMERCIAL REVENUES						66,366.13
2018	60		2120CG				Sewer	MEASURED COMMERCIAL REVENUES						258.66
2018	60		2120G				Sewer	MISC SERV REV						372.79
2018	60		2120I				Sewer	MEASURED INDUSTRIAL REVENUES						12,670.49
2018	60		2120IG				Sewer	MEASURED INDUSTRIAL REVENUES						81.92
2018	60		2120P				Sewer	MEASURED PUBLIC AUTHOR REVENUE						42,585.62
2018	60		2120PG				Sewer	MEASURED PUBLIC AUTHOR REVENUE						683.86
2018	60		2125C				Sewer	MEASURED COMMERCIAL REVENUES						131,657.31
2018	60		2125CG				Sewer	MEASURED COMMERCIAL REVENUES						2,263.49
2018	60		2125G				Sewer	MEASURED PUBLIC AUTHOR REVENUE						3,620.25
2018	60		2125I				Sewer	MEASURED INDUSTRIAL REVENUES						34,735.44
2018	60		2125P				Sewer	MEASURED PUBLIC AUTHOR REVENUE						30,460.18
2018	60		2125PG				Sewer	MEASURED PUBLIC AUTHOR REVENUE						-
2018	60		2130C				Sewer	MEASURED INDUSTRIAL REVENUES						1,696.34
2018	60		2130CG				Sewer	MEASURED INDUSTRIAL REVENUES						1,087.00
2018	60		2130G				Sewer	MEASURED INDUSTRIAL REVENUES						1,656.14
2018	60		2130I				Sewer	MEASURED INDUSTRIAL REVENUES						6,198.35
2018	60		2130IG				Sewer	MEASURED INDUSTRIAL REVENUES						2,138.72
2018	60		2130P				Sewer	MEASURED PUBLIC AUTHOR REVENUE						20,538.51
2018	60		2130PG				Sewer	MEASURED PUBLIC AUTHOR REVENUE						5,303.87
2018	60		2135C				Sewer	MEASURED COMMERCIAL REVENUES						101,219.28
2018	60		2135CG				Sewer	MEASURED COMMERCIAL REVENUES						24,453.44
2018	60		2135I				Sewer	MEASURED INDUSTRIAL REVENUES						55,103.80
2018	60		2135IG				Sewer	MEASURED PUBLIC AUTHOR REVENUE						13,132.17
2018	60		2135P				Sewer	MEASURED PUBLIC AUTHOR REVENUE						90,010.85
2018	60		2135PG				Sewer	MEASURED PUBLIC AUTHOR REVENUE						35,213.65
2018	60		2140I				Sewer	MEASURED INDUSTRIAL REVENUES						98,796.56
2018	60		2140P				Sewer	MEASURED PUBLIC AUTHOR REVENUE						44,299.56
2018	60		2143IG				Sewer	MEASURED RESIDENTIAL REVENUES						6,820.29
2018	60		2143PG				Sewer	MEASURED RESIDENTIAL REVENUES						14,085.35
2018	60		2145C				Sewer	MEASURED COMMERCIAL REVENUES						72,592.73
2018	60		5110				Sewer	METERED SALES TO INDUSTRIAL						72,261.71
2018	60		5120				Sewer	METERED SALES TO INDUSTRIAL						1,363,937.10
2018	60		5130				Sewer	METERED SALES TO INDUSTRIAL						15,618.48
2018	60		5140				Sewer	METERED SALES TO INDUSTRIAL						244,128.76
2018	60		5150				Sewer	METERED SALES TO INDUSTRIAL						21,507.11
2018	60		5160				Sewer	METERED SALES TO INDUSTRIAL						254,478.13
2018	60		5170				Sewer	METERED SALES TO INDUSTRIAL						1,270,103.69
2018	60		5180				Sewer	METERED SALES TO INDUSTRIAL						242,221.69
2018	60		5190				Sewer	METERED SALES TO INDUSTRIAL						259,322.72
2018	60		COD				Sewer	COD						66,441.48
2018	60		TSS				Sewer	TSS						159,147.12

Total 6,692,381.41

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of charges by charge code 2019 Consumer Study

Code Description	(Multiple Items)	All sewer codes			
Sum of Total bill	Sum of Base Charge	Sum of Billing charge	Sum of 1st block	Sum of 2nd block	
\$7,501,978	\$772,007	\$304,698	\$1,254,838	\$3,752,851	

Row Labels	Sum of Total bill	Sum of Consumption	
1 1/2" SEWER COMMERCIAL GALLON	\$66,788	19,836,934	
1 1/2" SEWER INDUSTRIAL GALLON	\$16,684	4,554,538	
1 1/2" SEWER PUBLIC GALLON	\$22,601	6,107,595	
1 1/2" SEWER RESIDENTIAL GALLON	\$407	0	
1" SEWER COMMERCIAL GALLON	\$53,625	16,400,599	
1" SEWER INDUSTRIAL GALLON	\$5,072	1,232,980	
1" SEWER PUBLIC GALLON	\$5,051	1,177,124	
1" SEWER RESIDENTIAL GALLON	\$5,321	1,381,463	
10" SEWER INDUSTRIAL GALLON	\$0	770,682	
2" SEWER COMMERCIAL GALLON	\$97,206	26,420,857	
2" SEWER INDUSTRIAL GALLON	\$44,609	9,979,316	
2" SEWER PUBLIC GALLON	\$69,190	17,305,238	
3" SEWER COMMERCIAL GALLON	\$7,978	1,902,392	
3" SEWER INDUSTRIAL GALLON	\$4,438	864,577	
3" SEWER PUBLIC GALLON	\$28,170	5,452,356	
3/4" SEWER COMMERCIAL GALLON	\$75,794	23,747,955	
3/4" SEWER INDUSTRIAL GALLON	\$6,254	1,772,475	
3/4" SEWER PUBLIC GALLON	\$1,731	159,398	
3/4" SEWER RESIDENTIAL GALLON	\$25,651	7,006,175	
4" SEWER COMMERCIAL GALLON	\$185,809	46,466,365	
4" SEWER INDUSTRIAL GALLON	\$25,535	6,135,439	
4" SEWER PUBLIC GALLON	\$130,074	29,800,613	
5/8" SEWER COMMERCIAL GALLON	\$123,201	38,029,392	
5/8" SEWER INDUSTRIAL GALLON	\$3,566	1,019,260	
5/8" SEWER PUBLIC GALLON	\$28,410	6,468,598	
5/8" SEWER RESIDENTIAL GALLON	\$661,092	140,790,787	
6" SEWER GALLON COMMERCIAL	\$46,641	11,103,678	
6" SEWER INDUSTRIAL GALLON	\$65,899	10,520,290	
6" SEWER PUBLIC GALLON	\$26,325	5,271,612	
8" SEWER INDUSTRIAL GALLON	\$23,890	3,281,496	
CHEMICAL OXYGEN DEMAND	\$108,843	388,725	Pounds
METERED SEWER 1'	\$18,921	5,207,223	
METERED SEWER 1 1/2"	\$240,950	62,525,930	
METERED SEWER 10"	\$349,693	83,381,961	
METERED SEWER 3"	\$240,549	62,384,392	
METERED SEWER 3/4 IN.	\$70,432	18,839,300	
METERED SEWER 4"	\$1,349,369	346,443,621	
METERED SEWER 6"	\$782,668	200,717,791	
METERED SEWER 8"	\$237,431	54,761,438	
SEWER COMMERCIAL	\$83,423	3,286,872	
SEWER GALLONS	\$5,269	1,175,167	
SEWER HOUSING	\$176	5,500	
SEWER INDUSTRIAL	\$40,285	1,095,749	
SEWER PUBLIC	\$20,364	713,333	
SEWER RESIDENTIAL	\$1,125	22,268	
SEWER RESIDENTIAL	\$13,690	447,669	
SEWER USAGE COMMERCIAL	\$200,383	6,889,168	
SEWER USAGE INDUSTRIAL	\$31,403	563,087	
SEWER USAGE PUBLIC AUTHORITY	\$23,865	675,900	
SEWER USAGE RESIDENTIAL	\$524,924	16,399,198	
TOTAL SUSPENDED SOLIDS	\$937,888	1,019,443	Pounds
Grand Total	\$7,138,661	1,311,903,919	

EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Consumer Study-

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of base charges by meter size from 2019 Consumer Study

Code Description	(Multiple Items)
Base Charge	(Multiple Items)

Row Labels	Count of Base Charge
58	72,788
34	4,653
1	1,625
15	976
2	1,173
3	225
4	310
6	124
8	76
10	23
Grand Total	81,973

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of base charges by meter size from 2019 Consumer Study

Code Description	(Multiple Items)
Base Charge	(Multiple Items)

Row Labels	Count of Base Charge
Com	13,105
58	7,585
34	2,956
1	1,187
15	710
2	548
3	24
4	60
6	11
8	24
Ind	1,450
58	187
34	270
1	186
15	159
2	297
3	82
4	105
6	89
8	52
10	23
pub	2,360
58	1,456
34	124
1	83
15	95
2	314
3	119
4	145
6	24
Res	65,058
58	63,560
34	1,303
1	169
15	12
2	14
Grand Total	81,973

East Chicago Sewer COSS 2020

B.Gabbard 9/30/20

PIVOT of base charges by customer class from 2019 Consumer Study

Code Description	(Multiple Items)
Base Charge	(Multiple Items)

Row Labels	Count of Base Charge	Sum of Base Charge	Sum of Billing charge
Res	65,058	344,629	240,064
Com	13,105	168,894	48,357
Ind	1,450	173,803	5,350
pub	2,360	84,681	8,708
Grand Total	81,973	772,007	302,480

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of chrarges by charge code 2019 Consumer Study

Code Description	(Multiple Items)	All sewer codes		
Sum of Total bill	Sum of Base Char	Sum of Billing charge	Sum of 1st block	Sum of 2nd block
\$7,501,978	\$772,007	\$304,698	\$1,254,838	\$3,752,851

Row Labels	Sum of Total bill	Sum of Consumption
1 1/2" SEWER COMMERCIAL GALLON	\$66,788	19,836,934
1 1/2" SEWER INDUSTRIAL GALLON	\$16,684	4,554,538
1 1/2" SEWER PUBLIC GALLON	\$22,601	6,107,595
1 1/2" SEWER RESIDENTIAL GALLO	\$407	0
1" SEWER COMMERCIAL GALLON	\$53,625	16,400,599
1" SEWER INDUSTRIAL GALLON	\$5,072	1,232,980
1" SEWER PUBLIC GALLON	\$5,051	1,177,124
1" SEWER RESIDENTIAL GALLON	\$5,321	1,381,463
10" SEWER INDUSTRIAL GALLON	\$0	770,682
2" SEWER COMMERCIAL GALLON	\$97,206	26,420,857
2" SEWER INDUSTRIAL GALLON	\$44,609	9,979,316
2" SEWER PUBLIC GALLON	\$69,190	17,305,238
3" SEWER COMMERCIAL GALLON	\$7,978	1,902,392
3" SEWER INDUSTRIAL GALLON	\$4,438	864,577
3" SEWER PUBLIC GALLON	\$28,170	5,452,356
3/4" SEWER COMMERCIAL GALLON	\$75,794	23,747,955
3/4" SEWER INDUSTRIAL GALLON	\$6,254	1,772,475
3/4" SEWER PUBLIC GALLON	\$1,731	159,398
3/4" SEWER RESIDENTIAL GALLON	\$25,651	7,006,175
4" SEWER COMMERCIAL GALLPON	\$185,809	46,466,365
4" SEWER INDUSTRIAL GALLON	\$25,535	6,135,439
4" SEWER PUBLIC GALLON	\$130,074	29,800,613
5/8" SEWER COMMERCIAL GALLON	\$123,201	38,029,392
5/8" SEWER INDUSTRIAL GALLON	\$3,566	1,019,260
5/8" SEWER PUBLIC GALLON	\$28,410	6,468,598
5/8" SEWER RESIDENTIAL GALLON	\$661,092	140,790,787
6" SEWER GALLON COMMERCIAL	\$46,641	11,103,678
6" SEWER INDUSTRIAL GALLON	\$65,899	10,520,290
6" SEWER PUBLIC GALLON	\$26,325	5,271,612
8" SEWER INDUSTRIAL GALLON	\$23,890	3,281,496
CHEMICAL OXYGEN DEMAND	\$108,843	388,725 Pounds
METERED SEWER 1'	\$18,921	5,207,223
METERED SEWER 1 1/2"	\$240,950	62,525,930
METERED SEWER 10"	\$349,693	83,381,961
METERED SEWER 3"	\$240,549	62,384,392
METERED SEWER 3/4 IN.	\$70,432	18,839,300
METERED SEWER 4"	\$1,349,369	346,443,621
METRED SEWER 6"	\$782,668	200,717,791
METRED SEWER 8"	\$237,431	54,761,438
MONITORING CHARGE	\$156,325	0
PRETREATMENT CHARGE	\$206,993	0
SEWER COMMERCIAL	\$83,423	3,286,872
SEWER GALLONS	\$5,269	1,175,167
SEWER HOUSING	\$176	5,500
SEWER INDUSTRIAL	\$40,285	1,095,749
SEWER PUBLIC	\$20,364	713,333
SEWER RESIDENTAL	\$1,125	22,268
SEWER RESIDENTIAL	\$13,690	447,669
SEWER USAGE COMMERCIAL	\$200,383	6,889,168
SEWER USAGE INDUSTRIAL	\$31,403	563,087
SEWER USAGE PUBLIC AUTHORITY	\$23,865	675,900
SEWER USAGE RESIDENTIAL	\$524,924	16,399,198
TOTAL SUSPENDED SOLIDS	\$937,888	1,019,443 Pounds
Grand Total	\$7,501,978	1,311,903,919

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of Excessive Strength Surcharges from 2019 Consumer Study

Code Description	CHEMICAL OXYGEN DEMAND	100 mg/l domestic loading
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Row Labels	Sum of Total bill	Sum of Consumption	LBS of COD
BUCKEYE PIPE LINE	\$5,535	19,769.00	
LAKESHORE RAILCAR SERVICES	\$6,402	22,866.00	
NATIONAL PROCESSING COMPANY	\$2,747	9,811.00	
PRAXAIR INC.	\$29,282	104,578.00	
SAFETY-KLEEN ACCOUNTS PAYABLE	\$57,450	205,179.00	
TAC, INC EAST	\$3,965	14,160.00	
UNITED STATES GYPSUM	\$3,066	10,950.00	
W. R. GRACE & CO.	\$395	1,412.00	
Grand Total	\$108,843	388,725.00	

Code Description	TOTAL SUSPENDED SOLIDS	250 mg/l domestic loading
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Row Labels	Sum of Total bill	Sum of Consumption	LBS of TSS
ICO POLYMERS (IPNA)	\$34	37.00	
NATIONAL PROCESSING COMPANY	\$2,296	2,496.00	
PRAXAIR, INC.	\$128	139.00	
SAFETY-KLEEN ACCOUNTS PAYABLE	\$18,981	20,631.00	
UNITED STATES GYPSUM	\$639	695.00	
W. R. GRACE & CO.	\$915,809	995,445.00	
Grand Total	\$937,888	1,019,443.00	

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of consumption (gallons) by tier and class from 2019 Consumer Study

Code Description (Multiple Items)

Row Labels	Sum of 1st block - Cons	Sum of 2nd block - cons	Sum of Consumption Gallons
Res	271,614,918	4,977,819	276,592,736
Com	183,694,274	81,648,121	265,342,396
Ind	45,815,197	840,987,264	886,802,461
pub	36,165,204	40,662,914	76,828,118
Grand Total	537,289,593	968,276,118	1,505,565,711

35.69%

64.31%

East Chicago Sewer COSS 2020
B.Gabbard 9/30/20
PIVOT of Pretreatment charges 2019 Consumer Study

Total bill	(Multiple Items)	Monitoring Events		
Customer Number	Customer Name	Code Description	Sum of Total bill	Sum of # of Events
54	ELECTRIC COATING TECH , LLC	MONITORING CHARGE	\$7,534	12.00
55	NATIONAL PROCESSING COMPANY	MONITORING CHARGE	\$15,067	24.00
58	PRAXAIR, INC.	MONITORING CHARGE	\$7,534	12.00
59	SAFETY-KLEEN ACCOUNTS PAYABLE	MONITORING CHARGE	\$12,556	20.00
62	UNITED STATES GYPSUM	MONITORING CHARGE	\$9,417	15.00
64	UNITED STATES STEEL COMPANY	MONITORING CHARGE	\$7,534	12.00
65	W. R. GRACE & CO.	MONITORING CHARGE	\$7,534	12.00
66	PRAXAIR INC.	MONITORING CHARGE	\$15,067	24.00
72	ARCELOR MITTAL HARBOR EAST	MONITORING CHARGE	\$5,022	8.00
	ARCELOR MITTAL HARBOR EAST NW EXPANSION	MONITORING CHARGE	\$10,045	16.00
2249	ICO POLYMERS (IPNA)	MONITORING CHARGE	\$7,534	12.00
6812	TAC, INC EAST	MONITORING CHARGE	\$5,650	9.00
6924	ARCELOR MITTAL LONG CARBON	MONITORING CHARGE	\$5,022	8.00
	ARCELOR MITTAL LONG CARBON COATING RILEY	MONITORING CHARGE	\$10,045	16.00
15496	LAKESHORE RAILCAR SERVICES	MONITORING CHARGE	\$13,184	21.00
106388	BUCKEYE PIPE LINE	MONITORING CHARGE	\$2,511	4.00
107321	ARCELOR MITTAL HARBOR WEST	MONITORING CHARGE	\$5,022	8.00
	ARCELOR MITTAL HARBOR WEST MAIN PLANT	MONITORING CHARGE	\$10,045	16.00
Grand Total			\$156,325	249.00

Total bill	(Multiple Items)	Monitoring Base Charge	
Code Description	PRETREATMENT CHARGE		
Customer Number	Customer Name	Sum of Total bill	Sum of # of Pretreatment Base
54	ELECTRIC COATING TECH , LLC	\$8,420	12.00
55	NATIONAL PROCESSING COMPANY	\$16,840	24.00
57	INDIANA RADIATOR	\$4,912	7.00
58	PRAXAIR, INC.	\$8,420	12.00
59	SAFETY-KLEEN ACCOUNTS PAYABLE	\$8,420	12.00
62	UNITED STATES GYPSUM	\$8,420	12.00
64	UNITED STATES STEEL COMPANY	\$8,420	12.00
65	W. R. GRACE & CO.	\$8,420	12.00
66	PRAXAIR INC.	\$16,840	24.00
68	CENTRAL STATES	\$2,105	3.00
72	ARCELOR MITTAL HARBOR EAST	\$5,613	8.00
	ARCELOR MITTAL HARBOR EAST NW EXPANSION	\$11,227	16.00
2249	ICO POLYMERS (IPNA)	\$8,420	12.00
2383	USS LEAD	\$8,420	12.00
6812	TAC, INC EAST	\$6,315	9.00
6924	ARCELOR MITTAL LONG CARBON	\$5,613	8.00
	ARCELOR MITTAL LONG CARBON COATING RILEY	\$11,227	16.00
15496	LAKESHORE RAILCAR SERVICES	\$8,420	12.00
103792	CITGO PETROLEUM CORPORATION	\$7,017	10.00
106388	BUCKEYE PIPE LINE	\$15,437	22.00
106527	GATX	\$6,315	9.00
107051	KEM IRON GREAT LAKES	\$4,912	7.00
107321	ARCELOR MITTAL HARBOR WEST	\$5,613	8.00
	ARCELOR MITTAL HARBOR WEST MAIN PLANT	\$11,227	16.00
Grand Total		\$206,993	295.00

EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-MROs-


**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility East Chicago Sanitary District WWTP			Permit Number IN0022829		
Month January	Year 2019	Plant Design Flow 15 mgd	Telephone Number 219-391-8466		
E-mail address: ncardona@eastchicago.com					
Certified Operator: Name Nelson Cardona		Class IV	Certificate Number WW005872	Expiration Date 6/30/2019	

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total= 1.96 Precipitation - Inches	Bypass At Plant Site ("X" If Occurred)	Collection System Overflow ("X" If Occurred)	CHEMICALS USED			RAW SEWAGE									
							Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal/Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	Influent Cyanide, 1677 mg/l	
29	Sat									13.22									
30	Sun	Fill in December's effluent data on page 3 as necessary for correct weekly average calculations.								12.84									
31	Mon									14.83									
1	Tue			0.9		X		244		15.88	7.3	10	1324.4	130	17217	1.1	3		
2	Wed							257		16.2	7.3	12	1621.3	140	18915	0.62	3.6		
3	Thu							257		15.82	7.3	14	1847.1	180	23749	0.55	3.9		
4	Fri							296		15.54	7.1			82	10627	0.2	3.5		
5	Sat							296		14.97									
6	Sun							296		14.6		34	4140						
7	Mon			0.22				296		15.18	6.8	25	3165	160	20256	1.42	3.2	0	
8	Tue							308		14.88	7.1	23	2854.3	290	35989	1.58	3.2		
9	Wed							308		14.22	6.9	22	2609.1	240	28463	0.37	3.6		
10	Thu							308		14.79	6.9	17	2096.9	290	35771	0.54	3.4		
11	Fri							308		14.41	7.3			280	33650	0.26	3.7		
12	Sat			0.09				308		13.08									
13	Sun							308		13.38		18	2008.6						
14	Mon							296		13.82	7.4	27	3112	310	35730	2.84	3.8	0	
15	Tue							296		13.44	7.4	27	3026.4	300	33627	3.08	4.8		
16	Wed							296		13.44	7.3	15	1681.3	300	33627	2.68	4.4		
17	Thu							296		13.02	7.3	19	2063.1	400	43435	2.36	4.5		
18	Fri							296		12.97	7.3			40	4326.8	0.86	3.3		
19	Sat							282		12.85									
20	Sun							296		12.8		20	2135						
21	Mon							296		12.53	6.9	44	4598	230	24035	2.64	4.6		
22	Tue			0.18		X		282		12.76	7.7	22	2341.2	200	21284	2.66	4.6		
23	Wed			0.36		X		282		16	7.1	31	4136.6	270	36029	2.62	3.9		
24	Thu							296		14.73	7.2	21	2579.8	290	35626	2.78	3.4		
25	Fri							296		13.05	7.2			220	23944	1.84	3.8		
26	Sat			0.08				282		12.47									
27	Sun							282		12.29		18	1845						
28	Mon							270		12.65	7.1	25	2637.5	190	20045	1.3	4.6		
29	Tue			0.13				257		12.56	7.1	120	12570	2800	293301	84	3.3		
30	Wed							257		12.35	7.2	30	3090	130	13390	1.26	4.8		
31	Thu							257		12.95	7.3	24	2592.1	270	29161	1.71	4.1		
Average								287.3		13.859		27	3046.7	337	37922	5.19	3.87	0	
Maximum				0.9				308		16.2	7.7	120	12570	2800	293301	84	4.8	0	
Minimum								244		12.29	6.8	10	1324.4	40	4326.8	0.2	3	0	
# of Data				7	0	3		0	31	0	31	23	23	23	23	23	23	23	2
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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.										Prepared by or under the direction of (Certified Operator): Nelson Cardona					Date (month, day, year) 1/28/2019				
										Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement) Nelson Cardona					Date (month, day, year) 1/28/2019				

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility		Permit Number		For Month Of:		Year												
East Chicago Sanitary District WWTP		IN0022829		January		2019												
Day Of Month	PRIMARY EFFLUENT		AERATION						SECONDARY EFFLUENT		FINAL EFFLUENT							
	CBOD5 - mg/l	Susp. Solids - mg/l	Settleable Solids % in 30 minutes	MIXED LIQUOR			RETURN SLUDGE			CBOD5 - mg/l	Susp. Solids - mg/l	Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
				Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l									
1			707	7700	92	8.4	49	8.1	25000	3.1	76				7.4		10.9	0.24
2			553	7600	73	8.0	50	8.1	17000	2	53				7.4		10.7	0.26
3			613	7200	85	8.0	50	8.1	18000	2.4	70				7.4		10.8	0.2
4			657	7300	90	8.2	51	8.2	4100		25				7.1		10.6	0.28
5			670			7.8	51	8.2									10.4	
6			696			7.4	51	8.1		3.2							10.5	
7			567	9700	58	7.7	51	8.1	14000	2.2	49				6.7		10.3	0.31
8			670	7100	94	7.5	52	8.1	26000	3.2	42				7.2		10.6	0.35
9			727	720	1010	8.0	50	8.2	21000	2.9	14				7.1		10.2	0.2
10			640	7000	91	8.7	50	8.1	17000	3	48				7.1		10.7	0.2
11			737	7400	100	7.6	50	8.1	16000		50				7.3		10.9	0.2
12			740			7.8	49	8.1									10.6	
13			720			7.9	49	8.1		2.5							11.0	
14			700	12000	58	7.8	49	8.2	33000	4	44				7.4		11.0	0.3
15			746	3400	219	8.3	48	8.4	21000	3.3	44				7.5		11.1	0.2
16			736	6300	117	8.7	49	8.6	7200	2.2	41				7.5		11.5	0.28
17			730	10000	73	7.2	49	8.5	16000	2.6	41				7.5		11.1	0.2
18			790	10000	79	7.6	49	8.6	2300		15				7.3		10.5	0.27
19			727			7.6	49	8.7									10.7	
20			693			8.6	48	8.7		4.1							11.1	
21			629	9700	65	8.7	47	8.8	26000	4.8	44				7.0		11.6	0.38
22			770	6500	118	8.2	48	8.8	11000	2	37				7.7		11.6	0.31
23			603	6000	101	8.4	47	9	16000	3.3	40				7.0		11.4	0.32
24			730	5900	124	8.8	48	9	16000	2.4	44				7.2		11.9	0.29
25			667	6000	111	7.8	47	9.1	14000		54				7.2		11.4	0.35
26			713			8.7	47	9.1									11.9	
27			720			8.3	47	9.1		2.8							11.5	
28			803	7200	112	8.5	46	8	17000	3.6	55				7.0		11.8	0.28
29			810	7100	114	7.9	45	8	15000	3.7	51				7.1		11.3	0.2
30			780	6900	113	7.9	45	8.9	15000	4.2	55				7.1		11.9	0.33
31			807	6600	122	8.0	45	8.7	16000	3.5	50				7.3		11.8	0.33
Avg.			705	7188	140	8.1	49	8.445	16678	3.1	45.3						11.1	0.3
Max.			810	12000	1010	8.8	52	9.1	33000	4.8	76				7.7		11.9	0.38
Min.			553	720	58	7.2	45	8	2300	2	14				6.7		10.2	0.2
Daily Max													#NUM!					
# of Days above 235													0					
Data	0	0	31	23	23	31	31	31	23	23	23	0	0	0	23	31	23	

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	January	2019

Day Of Month	Day Of Week	FINAL EFFLUENT															
		Flow		BOD				Total Suspended Solids				Ammonia				Other	
		Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
29	Sat	8															
30	Sun	6.9		2		115.161											
31	Mon	10.61		2		177.0809		7.2		637.4912		0.2		17.70809		0.0014	5
1	Tue	9.36		2		156.2		8		624.9		0.1		7.811			5
2	Wed	14.65		2		244.5		11		1345		0.1		12.23			5
3	Thu	14.86		2		248		13		1612		0.11		13.64			5
4	Fri	14.82						14		1731		0.22		27.21			5
5	Sat	14.08	12.183		2		188.2		10.64		1190		0.146		15.72		
6	Sun	13.49		2.2		247.7											0
7	Mon	13.91		2		232.2		9.6		1114		0.1		11.61		0.002	5
8	Tue	13.36		2		223		13		1449		0.1		11.15			5
9	Wed	12.16		9.4		953.9		10		1015		0.13		13.19			5
10	Thu	12.3		2.2		225.8		8		821.1		0.13		13.34			5
11	Fri	11.09						9.9		916.2		0.1		9.255			5
12	Sat	11.6	12.559		3.56		376.5		10.1		1063		0.112		11.71		
13	Sun	11.93		2		199.1											
14	Mon	12		3.4		340.5		7.2		721		0.1		10.01		0.002	5
15	Tue	11.74		2		195.9		14		1372		0.1		9.797			5
16	Wed	11.26		2		187.9		9.8		920.9		0.1		9.396			5
17	Thu	11.61		2.1		203.5		6.2		600.7		0.21		20.35			5
18	Fri	11.31						7.4		698.4		0.1		9.438			5
19	Sat	11.7	11.65		2.3		225.4		8.92		862.5		0.122		11.8		
20	Sun	12.29		7.3		748.7											
21	Mon	6.98		2.8		163.1		9.4		547.5		0.1		5.825		0.002	5
22	Tue	7.96		2		132.9		5		332.1		0.1		6.643			5
23	Wed	14		2		233.7		9		1051		0.15		17.52			5
24	Thu	12.52		2.4		250.8		12		1254		0.15		15.67			5
25	Fri	11.33						21		1986		0.1		9.455			5.7
26	Sat	11.79	10.981		3.3		305.8		11.28		1034		0.12		11.02		
27	Sun	11.73		2.3		225.1											
28	Mon	11.95		2.6		259.3		15		1496		0.1		9.972		0.002	5
29	Tue	10.84		2		180.9		14		1266		0.1		9.046			5
30	Wed	11		3.4		312.1		20		1836		0.13		11.93			5
31	Thu	11.91	11.586	2.8	2.62	278.3	251.1	18	18	1789	1700	0.27	0.14	26.84	13.39		5
Avg		11.985		2.8		280.1		11.5		1152		0.126		12.67		0.002	4.82
Max		14.86	12.559	9.4	3.56	953.9	376.5	21	18	1986	1700	0.27	0.146	27.21	15.72	0.002	5.7
Min		6.98	10.981	2	2	132.9	188.2	5	8.92	332.1	862.5	0.1	0.112	5.825	11.02	0.002	0
Data		31	5	23	5	23	5	23	5	23	5	23	5	23	5	4	24

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 371.5
Primary Treatment	NA	NA			
Secondary Treatment	88.5	86.5			
Tertiary Treatment	8.6	74.6			Percent Capacity
Overall Treatment	89.5	96.6	96.7	94.7	(actual flow/design) 80%
Phosphorus limit would be 1 mg/l. (compliance achieved)					

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	January	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	Anaerobic Only			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		
			pH	Gas Production Cubic Ft. x 1000	Temperature - F									
1	77	0												
2	72	3												
3	93	2												
4	101	0												
5	106	4												
6	93	3												
7	108	3												
8	100	2												
9	107	3												
10	99	0												
11	105	4												
12	98	0												
13	99	2												
14	86	4												
15	108	1												
16	93	3												
17	96	4												
18	95	4												
19	105	0												
20	98	2												
21	93	0												
22	76	0												
23	117	3												
24	76	0												
25	95	0												
26	93	3												
27	95	5												
28	100	3												
29	105	0												
30	87	2												
31	108	0												
Avg.	96.26	1.935												
Max.	117	5												
Min.	72	0												
Data	31	31	0	0	0	0	0	0	0	0	0	0	0	

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	January	2019
Substitute for State Form 30530			

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
29																
30																
31																
1																
2																
3																
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30																
31																
Avg																
Max																
Min																
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Cause No. 45632

City of East Chicago

Workpaper AJR-3

Name of Facility East Chicago Sanitary District WWTP		Permit Number IN0022829	
Month February	Year 2019	Plant Design Flow 15 mgd	Telephone Number 219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name Nelson Cardona	Class IV	Certificate Number WW005872	Expiration Date 6/30/2019

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total= 1.74	Bypass At Plant Site ("x" if Occurred)	Collection System Overflow ("x" if Occurred)	CHEMICALS USED			RAW SEWAGE							
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l
1	Fri							270		12.23	7.6			89	9077.8	0.93	51.5
2	Sat							283		13.21							
3	Sun							270		17.31		38	5485.9				
4	Mon							283		16.59	7.3	51	7056.4	116	16050	1.07	4.05
5	Tue			0.34		X		283		16.2	7.5	34	4593.7	147	19861	1.99	4.12
6	Wed			0.16				283		15.78	7.5	36	4737.8	317	41719	2.43	3.49
7	Thu			0.27		X		270		16.08	7.3	21	2816.3	288	38623	2.42	3.38
8	Fri							257		16.83	7.7			81	11369	0.74	3.5
9	Sat							257		15.22							
10	Sun			0.05				270		15.18		24	3038.4				
11	Mon			0.15				257		15.01	7.2	22	2754	116	14521	1.8	4.02
12	Tue							270		16.17	6.2	19	2562.3	145	19554	1.93	3.01
13	Wed							231		15.86	7.3	22	2910	143	18915	2.27	3.61
14	Thu							257		15.72	7.3	17	2228.8	88	11537	1.72	3.64
15	Fri							244		15.63	7.3			156	20335	1.99	3.67
16	Sat							257		15.37							
17	Sun			0.07				257		14.87		41	5084.6				
18	Mon							244		14.59	7.1	28	3407.1	98	11925	1.73	3.86
19	Tue							257		14.14	6.9	25	2948.2	114	13444	1.92	3.75
20	Wed							244		14.99	7.0	30	3750.5	108	13502	2.06	4.11
21	Thu							360		13.68	7.0	32	3650.9	106	12094	1.28	4.25
22	Fri							450		13.54	7.4			51	5759.1	0.79	3.72
23	Sat			0.68		X		463		17.68							
24	Sun			0.02				437		15.75		23	3021.2				
25	Mon							410		14.55	7.2	18	2184.2	110	13348	1.44	3.77
26	Tue							386		14.17	7.1	27	3190.8	103	12172	1.46	3.79
27	Wed							424		14.06	7.1	21	2462.5	53	6214.8	1.14	3.87
28	Thu							412		13.59	7.1	25	2833.5	84	9520.6	1.42	4.13
Average								306.64		15.143		28	3535.9	126	15977	1.627	6.162
Maximum				0.68				463		17.68	7.7	51	7056.4	317	41719	2.43	51.5
Minimum								231		12.23	6.2	17	2184.2	51	5759.1	0.74	3.01
# of Data				8	0	3	0	28	0	28	20	20	20	20	20	20	0

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator): Nelson Cardona	Date (month, day, year) 3/28/2019
Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement) Nelson Cardona	Date (month, day, year) 3/28/2019

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	February	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
			MIXED LIQUOR					RETURN SLUDGE				Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
	Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l	CBOD5 - mg/l	Susp. Solids - mg/l									
1		0	737	7910	93	8.4		8.5	18000		30				7.7		11.6	0.38
2			810			7.9		8.4									11.2	
3			726			8.0		8.6		5							11.2	
4	0.0027		706	6800	104	8.2		9.3	3900	4	70				7.4		11.5	0.36
5			740	3800	195	8.7		10.2	6320	6	55				7.4		11.4	0.25
6			786	6140	128	8.2		8.8	9500	5	52				7.4		10.9	0.29
7			697	7100	98	8.6		9.7	7340	5	68				7.2		11.4	0.27
8			770	7180	107	9.0		11.4	8700		44				7.7		11.6	0.31
9			760			8.4		11.9									11.4	
10			777			7.9		11.9		4							11.5	
11	0.003		780	7200	108	7.6		11.7	16400	2	66				7.2		11.2	0.36
12			757	7020	108	8.6		11.6	11700	3	62				7.2		11.6	0.34
13			773	7410	104	8.1		8.2	14800	3	56				7.4		11.6	0.32
14			807	7630	106	8.4		8.3	16200	3	48				7.4		11.2	0.3
15			773	7080	109	8.5		8.3	18400		36				7.3		11.8	0.26
16			800			7.7		8.2									11.5	
17			817			8.4		8.2		3							11.1	
18			813	8220	99	8.2		11.4	22900	3	46				7.1		11.3	0.24
19			840	7990	105	8.7		11	23800	3	42	140	4.47		7.1		11.3	0.19
20			797	7240	110	8.4		10.8	21000	3	44				7.1		11.2	0.2
21			810	7480	108	8.2		11.1	3130	3	35				7.0		11.2	0.21
22			813	6170	132	8.4		11	6390		12				7.3		11.2	0.21
23			803			7.6		10.6									11.4	
24			833			7.8		10.9		3							11.1	
25			823	7140	115	7.6		11.3	4360	2	40				7.3		9.4	0.24
26			826	7300	113	8.9		10.9	4360	4	40				7.4		11.7	0.23
27			823	7090	116	8.3		10.8	13600	3	36				7.2		11.3	0.31
28			777	7280	107	8.6		10.8	5260	2	36				7.2		10.0	0.22
Avg.	0.0		785	7059	113	8.3		10.136	11803	3.5	45.9	140	4.47				11.2	0.3
Max.	0.003		840	8220	194.74	9		11.9	23800	6	70	140	4.47		7.7		11.8	0.38
Min.	0.0027		697	3800	93.173	7.6		8.2	3130	2	12	140	4.47		7.0		9.4	0.19
Daily Max														#NUM!				
# of Days above 235														0				
Data	2	0	28	20	20	28	0	28	20	20	20	1	1	0	20	28	20	

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	February	2019

NTHLY REMOVAL SUMMARY					Total Monthly Flow:	
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons)	393
Primary Treatment	100.0	NA				
Secondary Treatment	-120952.6	63.5			Percent Capacity	
Tertiary Treatment	37.7	73.5			(actual flow/design)	94%
Overall Treatment	92.2	90.3	94.6	83.1		
Phosphorus limit would be 65 % removal. (compliance achieved)						

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	February	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		
1	106	0	0		0									0
2	86	0												
3	103	6												
4	105	0												
5	119	0												
6	129	0												
7	143	2												
8	129	0												
9	130	0												
10	139	0												
11	136	0												
12	124	0												
13	135	0												
14	120	0												
15	123	0												
16	123	0												
17	132	0												
18	121	0												
19	131	0												
20	87	0												
21	94	0												
22	105	0												
23	105	0												
24	94	0												
25	106	0												
26	102	0												
27	105	0												
28	106	0												
Avg.	115.64	0.2857												
Max.	143	6												
Min.	86	0												
Data	28	28	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	February	2019

Substitute for State Form 30530

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
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20																
21																
22																
23																
24																
25																
26																
27																
28																
Avg																
Max																
Min																
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility		Permit	
East Chicago Sanitary District WWTP		IN0022829	
Month	Year	Plant Design Flow	Telephone Number
March	2019	15 mgd	219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name		Class	Certificate Number
Nelson Cardona		IV	WW005872
		Expiration Date	6/30/2019

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total= 2.28	Bypass At Plant Site ("x" If Occurred)	Collection System Overflow ("x" If Occurred)	CHEMICALS USED			RAW SEWAGE								
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	
1	Fri							412		13.6	7.0			20	2268.5	0.78	4.03	
2	Sat							398		13.7								
3	Sun							372		13.34		28	3115.2					
4	Mon							360		12.89	7.3	27	2902.6	103	11073	1.4	4.92	
5	Tue							360		12.66	6.9	18	1900.5	73	7707.7	1.36	4.59	
6	Wed							360		12.45	7.0	63	6541.5	91	9448.8	1.67	4.71	
7	Thu							347		12.27	7.0	58	5935.2	139	14224	2.21	5.07	
8	Fri							347		11.95	6.9			47	4684.2	1.12	5.23	
9	Sat							347		14.22								
10	Sun							308		13.39		35	3908.5					
11	Mon							308		12.35	7.2	34	3502	170	17510	1.77	5.15	
12	Tue							308		11.98	7.2	26	2597.7	125	12489	1.69	5	
13	Wed			0.44		X		308		13.3	7.2	34	3771.3	95	10538	1.74	4.63	
14	Thu			0.21				257		15.46	7.3	30	3868.1	203	26174	1.72	3.58	
15	Fri			0.04				260		12.86	7.4			36	3861.1	0.8	4.31	
16	Sat							360		22.64								
17	Sun			0.01				360		20.7		37	6387.6					
18	Mon							347		12.89	7.3	34	3655.1	285	30638	3.56	4.94	
19	Tue							347		12.63	7.2	34	3581.4	368	38763	3.84	4.67	
20	Wed			0.33				360		13.79	7.2	33	3795.3	482	55434	3.89	4.07	
21	Thu			0.09				308		14.34	7.3	39	4664.2	320	38271	3.4	3.77	
22	Fri							412		12.77	7.4			354	37702	4.07	4.89	
23	Sat							334		12.47								
24	Sun			0.08				257		12.49		43	4479.2					
25	Mon							372		12.46	7.4	40	4156.7	270	28057	3.31	5.18	
26	Tue							308		12.22	7.3	32	3261.3	323	32918	4.25	5.23	
27	Wed			0.18				308		12.24	7.4	44	4491.6	373	38076	4.33	5.29	
28	Thu			0.03				308		13.1	7.3	56	6118.2	350	38239	3.77	1	
29	Fri			0.36		X		308		12.51	7.3			321	33491	3.74	5.97	
30	Sat			0.51		X		308		18.28								
31	Sun							308		13.58		27	3057.9					
Average								334.1		13.727		37	4080.5	217	23408	2.591	4.582	
Maximum				0.51				412		22.64	7.4	63	6541.5	482	55434	4.33	5.97	
Minimum								257		11.95	6.9	18	1900.5	20	2268.5	0.78	1	
# of Data				11	0	3	0	31	0	31	21	21	21	21	21	21	21	0

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator):

Nelson Cardona

Date (month, day, year)

4/26/2019

Signature of principal executive officer or authorized agent
(or attested by NetDMR subscriber agreement)

Nelson Cardona

Date (month, day, year)

4/26/2019

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	March	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
	Influent Cyanide, 1677 mg/l	0	MIXED LIQUOR					RETURN SLUDGE		CBOD5 - mg/l	Susp. Solids - mg/l	Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
			Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l									
1			790	7960	99	8.3	48	10.8	3340		12				7.0		11.1	0.25
2			813			8.0	48	10.8									11.1	
3			770			8.0	48	10.8		3							11.1	
4	0.0016		760	7340	104	8.6	47	10.7	12300	3	42				7.3		11.7	0.36
5			760	6980	109	8.7	46	10.8	12800	3	39				6.9		11.9	0.31
6			770	7280	106	8.7	47	10.8	13700	4	36				6.9		11.7	0.29
7			823	7180	115	8.4	48	10.7	18900	14	35				7.1		11.6	0.21
8			787	4640	170	7.8	48	10.8	4760		24				7.0		11.9	0.21
9			767			8.1	48	10.8									10.6	
10			796			8.1	47	11.1		3							11.1	
11	0.0042		817	11400	72	7.9	47	10.8	17300	3	33				7.2		11.4	0.25
12			817	7600	108	7.7	48	11.4	13100	2	27				7.1		11.2	0.18
13			797	2600	307	7.7	49	11.1	10500	3	32				7.1		11.1	0.19
14			739	6880	107	7.4	50	11.2	13200	3	33				7.3		10.9	0.21
15			713	7220	99	7.8	50	10.9	4150		13				6.9		10.9	0.23
16			796			7.6	49	11.2									11.1	
17			760			7.7	50	11.5		2							9.8	
18			786	6600	119	7.4	49	11.5	10600	2	28				7.2		10.8	0.25
19			803	6820	118	7.6	49	11.5	4740	3	26				7.2		10.8	0.22
20			780	7280	107	7.6	51	9.7	13800	3	49				7.2		10.9	0.3
21			800	10600	75	7.1	50	11.5	17300	3	55				7.3		10.9	0.33
22			827	7040	117	7.1	50	11.5	12300		36				7.3		10.4	0.31
23			743			7.3	50	11.5									10.3	
24			750			7.2	50	11.5		3							10.4	
25			707	6990	101	7.0	51	11.5	13500	3	42				7.4		10.7	0.35
26			760	7140	106	7.1	50	11.2	12800	2	38				7.3		10.2	0.32
27			743	11000	68	7.1	50	11.1	16000	3	34				7.3		10.8	0.33
28			803	9760	82	7.1	51	11.1	17200	3	35				7.3		10.4	0.29
29			803	9730	83	6.9	52	11.1	16300		34				7.4		10.3	0.34
30			647			7.0	52	11.1									10.4	
31			753			7.3	50	11.1		4							10.7	
Avg.	0.0		774	7621	113	7.7	49	11.068	12314	3.4	33.5						10.9	0.3
Max.	0.0042		827	11400	306.54	8.7	52	11.5	18900	14	55				7.4		11.9	0.36
Min.	0.0016		647	2600	67.545	6.9	46	9.7	3340	2	12				6.9		9.8	0.18
Daily Max														#NUM!				
# of Days above 235														0				
Data	2	0	31	21	21	31	31	31	21	21	21	0	0	0	21	31	21	

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	March	2019

Day Of Month		Day of Week	FINAL EFFLUENT															
			Flow		BOD				Total Suspended Solids				Ammonia				Other	
			Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Fri	12.48						3		312.44		0.1		10.415			5	
2	Sat	12.43																
3	Sun	11.91			2	198.78												
4	Mon	11.64			3	291.41		6		582.81		0.1		9.7136		0.001	5	
5	Tue	11.28			2	188.26		7		658.92		0.1		9.4132			5	
6	Wed	10.89			2	181.75		5		454.39		0.1		9.0877			5	
7	Thu	11.67			12	1168.6		5		486.93		0.1		9.7386			5	
8	Fri	9.74						2		162.56		0.1		8.128			5	
9	Sat	11.55	11.24		4.2		405.77		5		469.12		0.1		9.2162			
10	Sun	11.69			2	195.11												
11	Mon	10.68			2	178.25		3		267.37		0.1		8.9125		0.0018	5	
12	Tue	10.23			2	170.74		3		256.11		0.1		8.5369			5	
13	Wed	11.81			2	197.11		4		394.22		0.1		9.8554			5	
14	Thu	13.76			2	229.65		3		344.48		0.1		11.483			5	
15	Fri	10.93						4		364.84		0.1		9.1211			5	
16	Sat	11.1	11.457		2		194.17		3.4		325.4		0.1		9.5817			
17	Sun	10.35			2	172.74												
18	Mon	10.85			2	181.09		2		181.09		0.1		9.0543		0.0034	5	
19	Tue	14			2	233.66		2		233.66		0.1		11.683			5	
20	Wed	12.34			2	205.95		7		720.84		0.1		10.298			5	
21	Thu	12.64			2	210.96		9		949.33		0.1		10.548			5	
22	Fri	11.46						8		765.07		0.1		9.5634			5	
23	Sat	10.78	11.774		2		200.88		5.6		570		0.1		10.229			
24	Sun	10.86			2	181.25												
25	Mon	10.08			2	168.24		14		1177.6		0.1		8.4118		0.0015	5	
26	Tue	10.12			2	168.9		11		928.97		0.1		8.4451			5	
27	Wed	9.53			2	159.06		8		636.22		0.1		7.9528			5	
28	Thu	10.98			2	183.26		7		641.4		0.1		9.1628			5	
29	Fri	9.59						8		640.23		0.1		8.0029			5	
30	Sat	16.28	11.063		2		172.14		9.6		804.89		0.1		8.3951			
31	Sun	13.4			2	223.65												
Avg		11.518		2.5		242.31		5.8		531.41		0.1		9.406		0.0019	5	
Max		16.28	11.774	12	4.2	1168.6	405.77	14	9.6	1177.6	804.89	0.1	0.1	11.683	10.229	0.0034	5	
Min		9.53	11.063	2	2	159.06	172.14	2	3.4	162.56	325.4	0.1	0.1	7.9528	8.3951	0.001	5	
Data		31	4	21	4	21	4	21	4	21	4	21	4	21	4	4	21	

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:	
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons)	357.05
Primary Treatment	100.0	NA			Percent Capacity (actual flow/design) 77%	
Secondary Treatment	-118126.6	84.5				
Tertiary Treatment	26.4	82.8				
Overall Treatment	93.1	97.3	97.8	89.5		
Phosphorus limit would be 70 % removal. (compliance achieved)						

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	March	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0
1	101	0												
2	98	0												
3	103	0												
4	92	0												
5	108	0												
6	89	0												
7	98	0												
8	89	0												
9	88	0												
10	83	0												
11	87	0												
12	92	0												
13	98	0												
14	86	0												
15	89	0												
16	84	0												
17	86	0												
18	91	0												
19	91	0												
20	84	0												
21	92	0												
22	83	0												
23	72	0												
24	76	0												
25	75	0												
26	68	0												
27	72	0												
28	72	0												
29	73	0												
30	70	0												
31	72	0												
Avg.	85.871													
Max.	108													
Min.	68													
Data	31	31	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	March	2019
Substitute for State Form 30530			

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12	211	222	210	210	0.0036	0.0021	0.049	0.0183	0.0002	0.0002	0.0029	0.0003	0.0037	0.0006	0.0141	0.003
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
Avg	211	222	210	210	0.0036	0.0021	0.049	0.0183	0.0002	0.0002	0.0029	0.0003	0.0037	0.0006	0.0141	0.003
Max	211	222	210	210	0.0036	0.0021	0.049	0.0183	0.0002	0.0002	0.0029	0.0003	0.0037	0.0006	0.0141	0.003
Min	211	222	210	210	0.0036	0.0021	0.049	0.0183	0.0002	0.0002	0.0029	0.0003	0.0037	0.0006	0.0141	0.003
Data	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility		Permit	
East Chicago Sanitary District WWTP		IN0022829	
Month	Year	Plant Design Flow	Telephone Number
April	2019	15 mgd	219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name		Class	Certificate Number
Nelson Cardona		IV	WW005872
		Expiration Date	6/30/2019

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("x" if Occurred)	Collection System Overflow ("x" if Occurred)	CHEMICALS USED			RAW SEWAGE								
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	
1	Mon							321		13.53	7.3	18	2031.1	126	14218	1.74	4.87	
2	Tue							347		13.38	6.5	33	3682.4	286	31915	3.74	4.94	
3	Wed							437		13.22	6.5	38	4189.7	288	31753	3.65	4.15	
4	Thu			0.31				322		14.36	6.6	28	3353.3	345	41318	4.21	4.37	
5	Fri							398		13.24	6.5			62	6846.1	1.02	4.41	
6	Sat							412		12.59								
7	Sun							412		12.57		50	5241.7					
8	Mon							424		12.73	6.7	32	3397.4	366	38858	3.99	5.08	
9	Tue							424		11.64	7.3	32	3106.5	268	26017	3.7	5.61	
10	Wed			0.04				463		12.57	6.9	50	5241.7	411	43087	4.25	5.18	
11	Thu			0.23		X		450		12.99	6.8	22	2383.4	280	30334	3.06	5.23	
12	Fri			0.3		X		412		16.59	6.7			235	32515	2.98	3.31	
13	Sat							386		12.16								
14	Sun			1.09		X		360		18.74		33	5157.6					
15	Mon			0.07				347		16.33	6.7	19	2587.7	242	32959	2.33	2.97	
16	Tue							347		16.72	6.7	26	3625.6	234	32630	2.34	2.98	
17	Wed							398		16.08	6.8	20	2682.1	337	45194	2.76	3.06	
18	Thu			1.1		X		450		20.95	8.6	24	4193.4	233	40710	1.93	2.14	
19	Fri							488		18.15	6.8			228	34513	1.91	2.61	
20	Sat			0.01				540		16.93								
21	Sun							463		15.82		23	3034.6					
22	Mon			0.24		X		463		17.19	7.0	27	3870.8	179	25662	2.25	3.14	
23	Tue							463		15.84	6.8	35	4623.7	274	36197	2.92	2.99	
24	Wed							488		16.01	6.8	36	4806.8	321	42861	2.82	2.8	
25	Thu							488		15.51	6.9	36	4656.7	358	46309	3.36	3.1	
26	Fri			0.03				540		14.98	6.9			295	36855	2.58	3.17	
27	Sat			1		X		540		17.66								
28	Sun			0.01				553		15.56		21	2725.2					
29	Mon			1.47		X		540		17.25	6.9	29	4172.1	290	41721	2.31	2.21	
30	Tue			1.01		X		553		17.83	7.1	18	2676.6	262	38960	1.7	1.69	
Average								440.97		15.304		30	3701.8	269	34156	2.798	3.637	
Maximum				1.47				553		20.95	8.6	50	5241.7	411	46309	4.25	5.61	
Minimum								321		11.64	6.5	18	2031.1	62	6846.1	1.02	1.69	
# of Data				14	0	8		0	30	0	30	22	22	22	22	22	22	0
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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.										Prepared by or under the direction of (Certified Operator):					Date (month, day, year)			
										Nelson Cardona					5/24/2019			
										Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement)					Date (month, day, year)			
										Nelson Cardona					5/24/2019			

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	April	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
	Influent Cyanide, 1677 mg/l	0	MIXED LIQUOR					RETURN SLUDGE		CBOD5 - mg/l	Susp. Solids - mg/l	Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
			Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l									
1	0.0077		796	7560	105	7.2	50	9.1	23000	2	42			5	7.3		10.9	0.25
2			787	10600	74	7.1	51	11.1	18800	2	37			3	6.6		10.9	0.22
3			797	11100	72	7.0	51	11.1	18600	3	36			1	6.6		10.7	0.23
4			743	9680	77	7.1	52	11.6	17340	4	37			1	6.6		10.3	0.25
5			783	2160	363	6.6	53	11.9	3380		9			1	6.5		10.3	0.29
6			706			5.4	53	12									10.4	
7			730			5.5	54	11.8		3							10.2	
8	0.0042		793	12900	61	5.2	52	11.2	20400	3	41			1	6.7		10.2	0.29
9			693	9300	75	5.3	52	11.4	18600	3	47			1	7.4		9.8	0.26
10			817	10900	75	5.0	54	11.8	19700	3	36			1	6.9		10.2	0.31
11			770	7020	110	5.7	53	11.4	14000	2	32			1	6.7		10.2	0.33
12			693	6400	108	5.6	54	11.4	13800		34			8	6.7		10.2	0.35
13			747			5.6	54	11.5									10.1	
14			783			5.7	53	11.5		3							10.3	
15			760	6920	110	6.1	50	12.2	14400	3	38			1	6.7		10.7	0.26
16			737	9720	76	5.9	50	12.2	19400	3	50			3	6.8		10.2	0.27
17			760	11400	67	5.8	53	11.9	18700	2	50			1	6.8		10.1	0.31
18			710	7240	98	5.9	55	11.8	17500	3	61			2	6.8		9.2	0.32
19			800	9740	82	5.3	55	12.3	18500		73			1	6.8		8.9	0.38
20			783			5.6	54	12.6									9.1	
21			767			5.7	54	12.8		3							9.3	
22			833	7720	108	4.8	54	12.9	15500	4	43			63	6.9		9.0	0.22
23			793	8600	92	4.8	55	13.1	15900	3	37			2	6.9		8.4	0.21
24			797	11200	71	5.3	55	12.8	18200	6	55	83.1	2.66	1	6.9		8.5	0.21
25			793	10200	78	5.1	56	12.5	17600	4	49			1	7.0		8.6	0.22
26			776	9120	85	5.2	55	12.7	17700		52			1	7.0		8.5	0.3
27			783			5.6	53	12.5									8.8	
28			757			5.4	51	12.6		4							8.1	
29			600	6820	88	6.1	52	12.9	20000	3	54			36	7.0		9.2	0.23
30			740	6500	114	5.5	53	12.7	17100	3	73			1	7.1		9.2	0.31
Avg.	0.0		761	8764	99	5.7	53	11.977	17187	3.1	44.8	83.1	2.66	2			9.7	0.3
Max.	0.0077		833	12900	362.5	7.2	56	13.1	23000	6	73	83.1	2.66	63	7.4		10.9	0.38
Min.	0.0042		600	2160	61.473	4.8	50	9.1	3380	2	9	83.1	2.66	1	6.5		8.1	0.21
Daily Max														63				
# of Days above 235														0				
Data	2	0	30	22	22	30	30	30	22	22	22	1	1	22	22		30	22

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	April	2019

Day Of Month		Day of Week	FINAL EFFLUENT															
			Flow		BOD				Total Suspended Solids				Ammonia				Other	
			Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Mon	11		2		183.59		3		275.39		0.1		9.1795		0.0018	8	
2	Tue	11.99		2		200.11		2		200.11		0.1		10.006			8	
3	Wed	11.69		2		195.11		2		195.11		0.1		9.7553			8	
4	Thu	13.22		2		220.64		2		220.64		0.1		11.032			8	
5	Fri	12.22						2		203.95		0.1		10.198			8	
6	Sat	11.47	12.141		2		204.62		2.2		219.04		0.1		10.034			
7	Sun	11.21		2		187.09												
8	Mon	11.47		2		191.43		5		478.59		0.1		9.5717		0.004	5	
9	Tue	10.32		2		172.24		8		688.96		0.1		8.612			5	
10	Wed	11.24		2		187.6		2		187.6		0.1		9.3798			5	
11	Thu	12.27		2		204.79		5		511.97		0.1		10.239			5	
12	Fri	16.24						8		1084.2		0.1		13.552			5	
13	Sat	11.79	12.077		2		188.63		5.6		590.26		0.1		10.271			
14	Sun	18		2		300.42												
15	Mon	15.2		2		253.69		8		1014.8		0.1		12.684		0.0028	5	
16	Tue	15.22		3		381.03		11		1397.1		0.1		12.701			5	
17	Wed	14.25		2		237.83		17		2021.6		0.1		11.892			5	
18	Thu	20.66		3		517.22		22		3793		0.1		17.241			5	
19	Fri	17.82						32		4758.7		0.1		14.871			5	
20	Sat	16.43	16.797		2.4		338.04		18		2597		0.1		13.878			
21	Sun	14.29		2		238.5												
22	Mon	15.52		2		259.03		6		777.09		0.1		12.951		0.002	5	
23	Tue	13.72		3		343.48		8		915.95		0.1		11.449			5	
24	Wed	13.25		4		442.29		8		884.57		0.1		11.057			5	
25	Thu	13.47		4		449.63		9		1011.7		0.1		11.241			5	
26	Fri	13.06						17		1852.8		0.1		10.899			9.4	
27	Sat	16.44	14.25		3		346.58		9.6		1088.4		0.1		11.519			
28	Sun	14.31		2		238.83												
29	Mon	16		2		267.04		10		1335.2		0.1		13.352		0.0016	10	
30	Tue	17		2		283.73		21		2979.2		0.1		14.187			10	
Avg		14.026		2.3		270.7		9.5		1217.6		0.1		11.639		0.0024	6.336	
Max		20.66	16.797	4	3	517.22	346.58	32	18	4758.7	2597	0.1	0.1	17.241	13.878	0.004	10	
Min		10.32	12.077	2	2	172.24	188.63	2	2.2	187.6	219.04	0.1	0.1	8.612	10.034	0.0016	5	
Data		30	4	22	4	22	4	22	4	22	4	22	4	22	4	5	22	

MONTHLY REMOVAL SUMMARY

REMOVAL SUMMARY					Total Monthly Flow: (million gallons)
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	420.77
Primary Treatment	100.0	NA			Percent Capacity (actual flow/design)
Secondary Treatment	-52612.0	83.3			
Tertiary Treatment	26.1	78.9			
Overall Treatment	92.2	96.5	97.3	90.2	
Phosphorus limit would be 70 % removal. (compliance achieved)					94%

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	April	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0
1	72	0	0	0	0									
2	68	0												
3	73	0												
4	77	0												
5	70	0												
6	70	1												
7	72	0												
8	74	0												
9	73	0												
10	69	0												
11	75	0												
12	70	0												
13	69	0												
14	70	0												
15	70	0												
16	67	0												
17	74	0												
18	71	0												
19	73	0												
20	73	0												
21	73	0												
22	67	0												
23	75	0												
24	74	0												
25	74	0												
26	73	0												
27	75	0												
28	70	0												
29	75	0												
30	74	0												
Avg.	72	0.0333												
Max.	77	1												
Min.	67	0												
Data	30	30	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	April	2019
Substitute for State Form 30530			

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
7																
8																
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25																
26																
27																
28																
29																
30																
Avg																
Max																
Min																
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility		Permit No.	
East Chicago Sanitary District WWTP		Workpaper AJR-3	
Month	Year	Plant Design Flow	Telephone Number
May	2019	15 mgd	219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name	Class	Certificate Number	Expiration Date
Nelson Cardona	IV	WW005872	6/30/2019

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("x" if Occurred)	Collection System Overflow ("x" if Occurred)	CHEMICALS USED			RAW SEWAGE							
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l
1	Wed			0.96		X		553		18.04	7.1	19	2858.6	176	26480	1.45	1.36
2	Thu			0.38		X		540		17.53	7.3	17	2485.4	169	24708	1.23	1.27
3	Fri			0.04				553		20.57	7.0			200	34311	1.89	1.32
4	Sat							540		25.08							
5	Sun							514		23.1		15	2889.8				
6	Mon			0.13				527		22.88	7.3	12	2289.8	185	35302	1.24	1.75
7	Tue			0.22		X		540		22.42	7.1	20	3739.7	190	35527	1.54	2.05
8	Wed			0.01				540		20.02	7.2	16	2671.5	163	27216	1.49	1.88
9	Thu			0.37		X		514		20.96	7.2	18	3146.5	80	13985	1.08	2.17
10	Fri							514		18.39	7.2			68	10429	1.02	2.38
11	Sat			0.14				514		19.24							
12	Sun			0.23				514		19.02		42	6662.3				
13	Mon							527		18.38	7.1	45	6898	189	28972	1.98	2.76
14	Tue							527		16.8	7.2	20	2802.2	175	24520	2.29	2.85
15	Wed							514		17.31	7.1	21	3031.7	271	39123	2.48	3.26
16	Thu			0.19		X		527		18.4	7.1	29	4450.2	337	51715	2.76	2.9
17	Fri			0.03				488		16.88	7.1			133	18724	1.72	3.48
18	Sat			0.43		X		488		18.45							
19	Sun			0.06				514		17.11		19	2711.3				
20	Mon							501		16.03	7.6	26	3475.9	400	53476	2.78	3.12
21	Tue			0.25				501		18.07	7.3	22	3315.5	258	38882	2.23	3.23
22	Wed			0.86		X		501		19.66	7.3	32	5246.9	160	26234	1.99	2.74
23	Thu			0.08				501		17.87	6.9	20	2980.7	215	32043	1.85	3.06
24	Fri			0.09				488		17.78	6.8			320	47451	1.54	2.77
25	Sat							488		17.34							
26	Sun			0.06				476		15.97		23	3063.4				
27	Mon			0.65		X		488		19.27	7.1	26	4178.5	385	61874	3.12	3.25
28	Tue			1.13		X		488		19.26	7.2	19	3051.9	204	32768	1.74	2.61
29	Wed			0.14				540		24.79	7.2	21	4341.7	112	23156	1.29	1.6
30	Thu			0.39		X		553		24.88	7.2	16	3320	142	29465	1.36	1.47
31	Fri							540		24.88	7.1			38	7885	0.53	2.14
Average								516.55		19.561		23	3618.7	199	31489	1.765	2.41
Maximum				1.13				553		25.08	7.6	45	6898	400	61874	3.12	3.48
Minimum								476		15.97	6.8	12	2289.8	38	7885	0.53	1.27
# of Data				22	0	10	0	31	0	31	23	22	22	23	23	23	0

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator):

Nelson Cardona

Date (month, day, year)

6/28/2019

Signature of principal executive officer or authorized agent
(or attested by NetDMR subscriber agreement)

Nelson Cardona

Date (month, day, year)

6/28/2019

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	May	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
			MIXED LIQUOR					RETURN SLUDGE				Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
	Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l	CBOD5 - mg/l	Susp. Solids - mg/l									
1		0	690	6420	107	6.4	53	12.1	19700	5	113			2	7.0		9.2	0.42
2			767	7870	97	5.5	54	12.4	12900	2	67			2	7.2		9.1	0.37
3			717	6230	115	6.5	54	12.5	14100		59			2	7.0		9.2	0.38
4			777			6.3	54	12.5									8.7	
5			803			5.6	55	12.4		3							8.0	
6	0.0025		683	9570	71	6.1	55	12.6	17800	3	71			1	7.1		8.3	0.37
7			763	9000	85	5.9	55	12.8	20900	3	71			184	7.1		8.0	0.36
8			777	8400	93	6.0	55	11.8	20200	4	73			1	7.1		8.9	0.45
9			633	3100	204	4.9	56	11.5	19400	3	54			1	7.2		7.8	0.35
10			680	760	895	5.6	56	12.2	6440		38			58	7.1		8.7	0.25
11			737			5.6	56	12.4									8.7	
12			786			5.3	56	12.6		3							8.7	
13	0.004		653	7370	89	5.9	55	12.1	22300	5	64			1	7.1		8.6	0.35
14			677	9180	74	5.7	56	11.7	19700	5	56			1	7.1		8.5	0.24
15			733	11100	66	5.6	56	11.3	18800	3	47			1	7.1		8.9	0.22
16			737	10800	68	5.3	57	10.9	21700	3	51			1	7.1		8.6	0.23
17			786	11300	70	4.6	58	10.3	21100		46			1	7.1		7.6	0.28
18			623			5.1	57	10.7									8.4	
19			637			4.9	59	9.7		5							7.9	
20			660	10800	61	4.9	58	9.8	22400	2	45			1	7.3		8.3	0.34
21			667	6960	96	4.6	58	9.3	16800	3	60			192	7.2		8.3	0.35
22			690	7520	92	3.9	58	9.2	16600	3	55			1	7.2		7.8	0.31
23			663	7060	94	4.1	59	9.2	16100	2	53			1	6.9		7.8	0.27
24			687	1140	603	4.4	60	9.3	3320		46			27	6.8		7.7	0.41
25			733			4.5	60	9.3									7.9	
26			630			4.5	60	9.3		3							7.8	
27			630	9860	64	4.5	59	9.3	20200	3	69			1	7.1		7.9	0.51
28			467	7770	60	3.8	61	9.3	13400	3	71			5	7.3		7.7	0.5
29			440	10100	44	4.2	59	9.4	23600	4	70			62	7.2		8.0	0.37
30			497	8980	55	4.6	59	9.1	24700	3	50			33	7.1		7.9	0.3
31			440	6560	67	4.4	60	9.2	2260		29			37	7.1		7.9	0.27
Avg.	0.0		673	7733	142	5.1	57	10.845	17149	3.3	59.0			4			8.3	0.3
Max.	0.004		803	11300	894.74	6.5	61	12.8	24700	5	113			192	7.3		9.2	0.51
Min.	0.0025		440	760	43.564	3.8	53	9.1	2260	2	29			1	6.8		7.6	0.22
Daily Max														192				
# of Days above 235														0				
Data	2	0	31	23	23	31	31	31	23	22	23	0	0	23	23		31	23

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	May	2019

Day Of Month		Day of Week	FINAL EFFLUENT															
			Flow		BOD				Total Suspended Solids				Ammonia				Other	
			Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Wed	17		2		283.73		41		5816.5		0.1		14.187			9.8	
2	Thu	17		2		283.73		19		2695.4		0.1		14.187			5	
3	Fri	18						27		4055.7		0.1		15.021			5	
4	Sat	24	17.616		2		271.41		23.6		3376.4		0.1		14.187			
5	Sun	22		2		367.18												
6	Mon	22		2		367.18		34		6242.1		0.1		18.359		0.0023	5	
7	Tue	22.15		2		369.68		33		6099.8		0.1		18.484			5	
8	Wed	20		3		500.7		36		6008.4		0.1		16.69			5	
9	Thu	20.74		3		519.23		21		3634.6		0.1		17.308			5	
10	Fri	16						11		1468.7		0.1		13.352			5	
11	Sat	17	19.984		2.4		424.79		27		4690.7		0.1		16.839			
12	Sun	18		5		751.05												
13	Mon	18		2		300.42		21		3154.4		0.1		15.021		0.0018	5	
14	Tue	15.87		2		264.87		12		1589.2		0.1		13.244			5	
15	Wed	16.51		2		275.55		7		964.43		0.1		13.778			3	
16	Thu	17.38		2		290.07		8		1160.3		0.1		14.504			2	
17	Fri	15.83						13		1717.3		0.1		13.21			2	
18	Sat	18.12	17.101		2.6		376.39		12.2		1717.1		0.1		13.951			
19	Sun	16.8		2		280.39												
20	Mon	15.67		3		392.3		11		1438.4		0.1		13.077		0.0023	2	
21	Tue	17.36		2		289.74		18		2607.6		0.1		14.487			2	
22	Wed	18.27		4		609.85		12		1829.6		0.1		15.246			2	
23	Thu	17.51		2		292.24		18		2630.2		0.1		14.612			2	
24	Fri	16.92						34		4800.7		0.1		14.12			2	
25	Sat	17	17.076		2.6		372.9		18.6		2661.3		0.1		14.308			
26	Sun	15.83		3		396.3												
27	Mon	16.89		3		422.84		53		7470.2		0.1		14.095		0.0008	2	
28	Tue	15.79		2		263.54		44		5797.8		0.1		13.177			2	
29	Wed	20.78		3		520.23		27		4682		0.1		17.341			2	
30	Thu	22.3		2		372.19		16		2977.5		0.1		18.609			2	
31	Fri	23.53	19.021		2.6		395.02	13	30.6	2552.7	4696	0.1	0.1	19.636	16.572		2	
Avg		18.395		2.5		382.41		23.0		3538.8		0.1		15.293		0.0018	3.557	
Max		24	19.984	5	2.6	751.05	424.79	53	30.6	7470.2	4696	0.1	0.1	19.636	16.839	0.0023	9.8	
Min		15.67	17.076	2	2	263.54	271.41	7	12.2	964.43	1717.1	0.1	0.1	13.077	13.951	0.0008	2	
Data		31	5	22	5	22	5	23	5	23	5	23	5	23	5	4	23	

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 570.25
Primary Treatment	100.0	NA			
Secondary Treatment	-101997.9	70.3			Percent Capacity
Tertiary Treatment	24.7	61.0			(actual flow/design) 123%
Overall Treatment	89.0	88.4	95.8	80.5	
Phosphorus limit would be 65 % removal. (compliance achieved)					

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	May	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0
1	74	0	0	0	0									
2	76	0												
3	70	0												
4	73	0												
5	72	0												
6	69	0												
7	72	0												
8	90	0												
9	100	0												
10	110	0												
11	106	0												
12	108	0												
13	109	0												
14	100	0												
15	109	0												
16	108	0												
17	103	0												
18	105	0												
19	105	0												
20	109	0												
21	110	0												
22	109	0												
23	106	0												
24	101	0												
25	105	0												
26	105	0												
27	106	0												
28	101	0												
29	107	0												
30	98	0												
31	104	0												
Avg.	97.419													
Max.	110													
Min.	69													
Data	31	31	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	May	2019

Substitute for State Form 30530

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
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23																
24																
25																
26																
27																
28																
29																
30																
31																
Avg																
Max																
Min																
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility East Chicago Sanitary District WWTP		Permit Number IN0022829	
Month June	Year 2019	Plant Design Flow 15 mgd	Telephone Number 219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name Nelson Cardona	Class IV	Certificate Number WW005872	Expiration Date 6/30/2022

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("X" If Occurred)	Collection System Overflow ("X" If Occurred)	CHEMICALS USED			RAW SEWAGE								
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	
1	Sat			0.63		X		501		23.6								
2	Sun					X		501		22.44		16	2994.4					
3	Mon					X		514		20.39	6.9	15	2550.8	262	44554	2.12	2.73	
4	Tue			0.02		X		514		19.28	7.0	34	5467	275	44219	2.32	3.27	
5	Wed			0.51		X		501		22.49	7.0	21	3938.9	258	48392	2	2.56	
6	Thu					X		476		19.04	6.9	28	4446.2	309	49067	2.14	3.1	
7	Fri					X		488		17.61	7.0			240	35248	1.93	2.96	
8	Sat							514		16.25								
9	Sun			0.29				463		18.38		23	3525.7					
10	Mon							501		16.46	7.0	19	2608.3	114	15650	1.2	3.1	
11	Tue							488		15.41	7.1	22	2827.4	146	18764	1.77	3.7	
12	Wed			0.17				476		16.48	7.0	28	3848.4	151	20754	1.9	3.34	
13	Thu			0.06				476		16.06	7.1	26	3482.5	73	9777.6	1.16	3.44	
14	Fri							488		15.04	7.2			27	3386.7	0.84	5.48	
15	Sat			0.31				488		15.59								
16	Sun			0.11				488		14.88		29	3598.9					
17	Mon							514		14.85	7.2	28	3467.8	222	27494	2.15	5.91	
18	Tue							527		14.26	7.3	23	2735.4	274	32586	2.13	4.72	
19	Wed			0.4				514		14.81	7.2	31	3829	204	25197	2.17	8.22	
20	Thu			0.81		X		514		19.86	7.2	26	4306.4	186	30808	1.91	4.81	
21	Fri							527		17.02	6.8			13	1845.3	0.65	3.54	
22	Sat							424		13.1								
23	Sun			0.45		X		450		19.72		29	4769.5					
24	Mon			0.14				450		16.8	7.0	16	2241.8	176	24660	1.37	3.17	
25	Tue							437		16.98	6.7	17	2407.4	143	20251	1.8	3.5	
26	Wed			0.53		X		411		17.3	7.0	22	3174.2	182	26259	2.23	3.7	
27	Thu			0.06				398		16.71	7.2	33	4598.9	270	37628	2.97	3.52	
28	Fri			0.01				386		15.2	7.1			78	9887.9	0.72	3.5	
29	Sat							347		15.09								
30	Sun			0.12				308		15.03		28	3509.8					
Average								469.47		17.204		24	3539.5	180	26321	1.774	3.914	
Maximum				0.81				527		23.6	7.3	34	5467	309	49067	2.97	8.22	
Minimum								308		13.1	6.7	15	2241.8	13	1845.3	0.65	2.56	
# of Data				16	0	10	0	30	0	30	20	21	21	20	20	20	20	0

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator):

Nelson Cardona

Date (month, day, year)

7/25/2019

Signature of principal executive officer or authorized agent
(or attested by NetDMR subscriber agreement)

Nelson Cardona

Date (month, day, year)

7/25/2019

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	June	2019

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	June	2019

Day Of Month		Day of Week	FINAL EFFLUENT																	
			Flow		BOD				Total Suspended Solids				Ammonia				Other			
			Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)		
1	Sat	18.03																		
2	Sun	19.69			2		328.63													
3	Mon	19.45			2		324.62		17		2759.3		0.1		16.231		0.0013	2		
4	Tue	17.75			2		296.25		24		3555		0.1		14.812			2		
5	Wed	21.64			2		361.17		23		4153.5		0.1		18.059			2		
6	Thu	17.78			2		296.75		45		6676.8		0.1		14.837			2		
7	Fri	15.64							58		7569.9		2.94		383.72			2		
8	Sat	15.57	18.217			2		321.48			33.4		4942.9		0.668		89.531			
9	Sun	17.22			2		287.4													
10	Mon	14.83			2		247.51		16		1980.1		0.1		12.376		0.0018	5		
11	Tue	12.31			2		205.45		12		1232.7		0.1		10.273			5		
12	Wed	13.28			2		221.64		6		664.93		0.1		11.082			5		
13	Thu	9.35			2		156.05		4		312.1		0.1		7.8026			2		
14	Fri	11.62							3		290.91		0.1		9.6969			2		
15	Sat	12.33	12.991			2		223.61			8.2		896.15			0.1		10.246		
16	Sun	11.2			2		186.93													
17	Mon	8.48			2		141.53		2		141.53		0.1		7.0766		0.0026	2		
18	Tue	13.61			2		227.15		6		681.45		0.1		11.358			2		
19	Wed	12			2		200.28		33		3304.6		0.13		13.018			2		
20	Thu	13.79			2		230.16		9		1035.7		0.49		56.388			2		
21	Fri	8.08							3		202.28		0.1		6.7428			2		
22	Sat	7.8	10.709			2		197.21			10.6		1073.1			0.184		18.917		
23	Sun	14			2		233.66													
24	Mon	11.4			2		190.27		5		475.67		0.1		9.5133		0.0022	2		
25	Tue	13.77			2		229.82		5		574.55		0.1		11.491			2		
26	Wed	13.59			2		226.82		3		340.23		0.1		11.341			5		
27	Thu	10			2		166.9		2		166.9		0.1		8.345			5		
28	Fri	10.51							5		438.53		0.1		8.7706			2		
29	Sat	10.59	11.98			2		209.49			4		399.17			0.1		9.8922		
30	Sun	9																		
Avg		13.477			2.0		237.95		14.1		1827.8		0.263		32.146		0.002	2.75		
Max		21.64	18.217		2	2	361.17	321.48	58	33.4	7569.9	4942.9	2.94	0.668	383.72	89.531	0.0026	5		
Min		7.8	10.709		2	2	141.53	197.21	2	4	141.53	399.17	0.1	0.1	6.7428	9.8922	0.0013	2		
Data		30	4		20	4	20	4	20	4	20	4	20	4	20	4	4	2		

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:	
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons)	404.31
Primary Treatment	100.0	NA				
Secondary Treatment	-104295.6	68.1			Percent Capacity	
Tertiary Treatment	26.3	75.5			(actual flow/design)	90%
Overall Treatment	91.8	92.2	93.3	79.9		
Phosphorus limit would be 65 % removal. (compliance achieved)						

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	June	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0
			0	0	0									
1	106	0												
2	102	0												
3	107	0												
4	107	0												
5	109	0												
6	94	0												
7	110	0												
8	107	0												
9	105	0												
10	108	0												
11	110	0												
12	93	0												
13	90	0												
14	74	0												
15	71	0												
16	73	0												
17	71	0												
18	49	0												
19	25	0												
20	35	0												
21	38	0												
22	37	0												
23	61	0												
24	36	0												
25	33	0												
26	37	0												
27	38	0												
28	37	0												
29	74	0												
30	70	0												
Avg.	73.567													
Max.	110													
Min.	25													
Data	30	30	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	June	2019
Substitute for State Form 30530			

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12	216	219	110	120	0.0065	0.0162	0.0712	0.0712	0.0002	0.0002	0.0054	0.0009	0.0037	0.0008	0.016	0.0041
13																
14																
15																
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19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
Avg	216	219	110	120	0.0065	0.0162	0.0712	0.0712	0.0002	0.0002	0.0054	0.0009	0.0037	0.0008	0.016	0.0041
Max	216	219	110	120	0.0065	0.0162	0.0712	0.0712	0.0002	0.0002	0.0054	0.0009	0.0037	0.0008	0.016	0.0041
Min	216	219	110	120	0.0065	0.0162	0.0712	0.0712	0.0002	0.0002	0.0054	0.0009	0.0037	0.0008	0.016	0.0041
Data	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Cause No. 45632

City of East Chicago

Name of Facility East Chicago Sanitary District WWTP		Permit Number IN0022829	
Month July	Year 2019	Plant Design Flow 15 mgd	Telephone Number 219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name Nelson Cardona		Class IV	Certificate Number WW005872
		Expiration Date 6/30/2022	

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("x" If Occurred)	Collection System Overflow ("x" If Occurred)	CHEMICALS USED			RAW SEWAGE								
				2.34			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	
1	Mon							308		14.49	7.2	22	2658.6	112	13535	1.62	5.11	
2	Tue			0.47		X		322		16.33	7.2	26	3541	150	20429	1.77	4.23	
3	Wed			0.19				360		19.28	7.1	23	3698.3	205	32963	1.49	3.14	
4	Thu							386		17.16	7.2	19	2719.2	168	24043	1.47	3.16	
5	Fri			0.21				386		16.72	7.2			115	16036	1.46	3.76	
6	Sat			0.01				360		16.68								
7	Sun							322		14.94		28	3488.8					
8	Mon							308		15.18	6.9	30	3798	183	23168	2.34	4.72	
9	Tue							322		16.46	7.2	22	3020.1	232	31848	2.01	4.02	
10	Wed			0.04				308		14.41	7.2	36	4326.5	363	43625	2.53	4.49	
11	Thu							308		14.1	7.1	49	5762.1	254	29869	2.97	4.87	
12	Fri							308		15.06	7.1			215	27004	2.62	4.55	
13	Sat			0.29				308		14.59								
14	Sun			0.06				308		12.88		35	3759.7					
15	Mon							308		14.61	6.8	27	3289.9	277	33752	1.74	2.91	
16	Tue			0.14				332		17.6	6.8	29	4256.7	275	40366	1.89	2.44	
17	Wed							434		12.95	7.1	22	2376.1	161	17388	1.98	4.91	
18	Thu			0.07				434		17.37	7.0	27	3911.4	196	28394	1.78	3.8	
19	Fri			0.01				422		16.5	6.9			135	18577	0.83	3.16	
20	Sat			0.01				409		15.35								
21	Sun			0.01				396		15.84		18	2377.9					
22	Mon			0.26				371		14.83	7.0	22	2721	169	20902	1.86	3.86	
23	Tue							371		14.19	7.0	24	2840.3	223	26391	1.67	4.34	
24	Wed							371		14.03	7.1	26	3042.3	287	33582	2.05	4.02	
25	Thu							386		14.26	7.2	31	3686.8	288	34251	2.19	4.77	
26	Fri							386		14.1	7.1			202	23754	1.6	4.55	
27	Sat							386		13.75								
28	Sun							386		13.22		49	5402.5					
29	Mon			0.52		X		371		16.38	7.0	42	5737.6	148	20218	1.65	4.14	
30	Tue			0.05				360		14.69	7.0	31	3798	332	40675	2.51	4.76	
31	Wed							360		13.22	7.0	35	3858.9	274	30210	2.86	5.46	
Average								357.97		15.199		29	3655.3	216	27434	1.952	4.138	
Maximum				0.52				434		19.28	7.2	49	5762.1	363	43625	2.97	5.46	
Minimum								308		12.88	6.8	18	2376.1	112	13535	0.83	2.44	
# of Data				15	0	4	0	31	0	31	23	23	23	23	23	23	23	0

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator): Nelson Cardona	Date (month, day, year) 8/23/2019
Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement) Nelson Cardona	Date (month, day, year) 8/23/2019

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	July	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
			MIXED LIQUOR					RETURN SLUDGE				Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
	Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l	CBOD5 - mg/l	Susp. Solids - mg/l									
1	0.0028	0	437	5540	79	4.2	65	8.2	14000	2	64			24	7.0		7.8	0.41
2			450	5870	77	3.6	66	8.3	13500	3	46			4	7.3		7.7	0.28
3			460	5340	86	3.6	68	8.8	15000	3	38			548	7.2		7.5	0.19
4			460	6070	76	4.7	69	8.47	15600	3	41			365	7.2		7.4	0.25
5			450	5180	87	3.8	68	8.5	6930		52			187	7.2		7.4	0.35
6			427			3.9	69	8.5									7.5	
7			450			3.8	67	8.4		3							7.7	
8	0.0024		453	8800	51	4.0	66	8.3	18100	4	40			2	7.0		7.8	0.27
9			483	8520	57	3.5	69	8.8	19400	5	39			64	7.2		7.4	0.31
10			450	9480	47	3.5	69	8.7	14900	6	48			230	7.1		7.5	0.35
11			440	7980	55	3.5	69	8.8	14600	4	59			35	7.2		7.5	0.43
12			480	6710	72	3.6	70	8.8	15400		30			160	7.2		7.6	0.42
13			456			3.3	70	8.8									7.6	
14			536			3.3	71	8.9		7							7.8	
15			497	7200	69	3.7	70	8.2	15900	7	102			461	6.9		8.0	0.49
16			440	6790	65	3.6	71	7.6	17300	5	123			2420	6.9		8.3	0.49
17			503	7240	69	3.5	71	7.7	21300	4	92			166	7.1		7.6	0.43
18			540	6540	83	3.4	71	7.8	28200	5	61			23	7.0		7.6	0.34
19			513	7370	70	3.4	70	8	25300		75			114	7.0		7.8	0.38
20			490			3.3	71	8.1									8.0	
21			503			3.3	70	8.2		4							7.7	
22			483	7160	67	3.0	69	8.4	19700	4	21			18	7.0		7.9	0.36
23			513	7500	68	3.5	68	8.5	17600	3	39			3	7.0		8.2	0.36
24			563	7700	73	3.6	69	8.4	16800	3	60			1	7.2		8.0	0.49
25			533	9150	58	3.6	69	8.1	24800	5	99			30	7.2		8.3	0.53
26			590	6950	85	3.8	70	8	7470		62			23	7.2		7.8	0.55
27			483			3.5	71	7.8									7.8	
28			533			3.4	71	7.7		5							7.7	
29			633	10400	61	3.4	71	7.7	25200	3	64			12	6.8		7.6	0.4
30			533	11600	46	3.2	71	7.6	30600	4	69			32	7.1		7.8	0.38
31			603	13800	44	3.3	70	7.7	25500	4	73			19	7.1		7.5	0.45
Avg.	0.0		496	7778	67	3.6	69	8.2506	18396	4.2	60.7			44			7.7	0.4
Max.	0.0028		633	13800	86.873	4.7	71	8.9	30600	7	123			2420	7.3		8.3	0.55
Min.	0.0024		427	5180	43.696	3	65	7.6	6930	2	21			1	6.8		7.4	0.19
Daily Max														461				
# of Days above 235														4				
Data	2	0	31	23	23	31	31	31	23	23	23	0	0	23	23		31	23

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	July	2019

Day Of Month	Day Of Week	FINAL EFFLUENT															
		Flow		BOD				Total Suspended Solids				Ammonia				Other	
		Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Mon	7.57		2		126.34		31		1958.3		0.1		6.3172		0.0019	2
2	Tue	10.22		2		170.57		10		852.86		0.1		8.5286			2
3	Wed	13.5		2		225.32		9		1013.9		0.1		11.266			2
4	Thu	12.2		3		305.43		15		1527.1		0.1		10.181			2
5	Fri	11.7						18		1757.5		0.1		9.7637			2
6	Sat	11.67	10.837		2.2		195.57		16.6		1421.9		0.1		9.2112		
7	Sun	10.45		3		261.62											
8	Mon	10.63		2		177.41		4		354.83		0.1		8.8707		0.0018	2
9	Tue	11.52		2		192.27		4		384.54		0.1		9.6134			5
10	Wed	10.08		3		252.35		11		925.29		0.1		8.4118			2
11	Thu	9.87		3		247.1		15		1235.5		0.1		8.2365			2
12	Fri	10.8						9		811.13		0.1		9.0126			2
13	Sat	10.77	10.589		2.6		226.15		8.6		742.25		0.1		8.829		
14	Sun	8.98		3		224.81											
15	Mon	10.82		2		180.59		54		4875.8		0.1		9.0293		0.0019	2
16	Tue	11.07		3		277.14		67		6189.4		0.1		9.2379			2
17	Wed	9.07		3		227.07		24		1816.5		0.1		7.5689			2
18	Thu	12.15		2		202.78		11.6		1176.1		0.1		10.139			5
19	Fri	8.9						26		1931		0.1		7.4271			5
20	Sat	10.83	10.26		2.6		222.48		36.52		3197.8		0.1		8.6805		
21	Sun	11.15		3		279.14											
22	Mon	10.38		3		259.86		10		866.21		0.1		8.6621		0.0029	5
23	Tue	9.23		2		154.05		7		539.17		0.1		7.7024			2
24	Wed	10.28		2		171.57		23		1973.1		0.1		8.5787			2
25	Thu	12.12		3		303.42		36		3641.1		0.1		10.114			2
26	Fri	10.56						30		2643.7		0.1		8.8123			2
27	Sat	9.4	10.446		2.6		233.61		21.2		1932.7		0.1		8.7739		
28	Sun	8.8		2		146.87											
29	Mon	13.5		2		225.32		8		901.26		0.1		11.266		0.0024	2
30	Tue	10.41		2		173.74		10		868.71		0.1		8.6871			2
31	Wed	8.74	9.6786	2	2	145.87	168.4	15	9.6	1094	790.17	0.1	0.1	7.2935	8.34		2
Avg		10.56		2.4		214.38		19.5		1710.3		0.1		8.9008		0.0022	2.522
Max		13.5	10.837	3	2.6	305.43	233.61	67	36.52	6189.4	3197.8	0.1	0.1	11.266	9.2112	0.0029	5
Min		7.57	9.6786	2	2	126.34	168.4	4	8.6	354.83	742.25	0.1	0.1	6.3172	8.34	0.0018	2
Data		31	5	23	5	23	5	23	5	23	5	23	5	23	5	5	23

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:	
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons)	327.37
Primary Treatment	100.0	NA				
Secondary Treatment	-160435.1	71.9			Percent Capacity	
Tertiary Treatment	41.7	68.0			(actual flow/design)	70%
Overall Treatment	91.7	91.0	97.6	80.2		

Phosphorus limit would be 65 % removal. (compliance achieved)

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	July	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION												
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0	
1	76	0	0		0										
2	76	0													
3	72	0													
4	72	0													
5	72	0													
6	69	0													
7	71	0													
8	68	0													
9	72	0													
10	68	0													
11	72	0													
12	69	0													
13	69	0													
14	59	0													
15	66	0													
16	63	0													
17	71	0													
18	57	0													
19	65	0													
20	71	0													
21	60	0													
22	68	0													
23	59	0													
24	65	0													
25	62	0													
26	69	0													
27	70	0													
28	75	0													
29	63	0													
30	63	0													
31	71	0													
Avg.	67.839														
Max.	76														
Min.	57														
Data	31	31	0	0	0	0	0	0	0	0	0	0	0	0	

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	July	2019
Substitute for State Form 30530			

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
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28																
29																
30																
31																
Avg																
Max																
Min																
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Cause No. 45632

City of East Chicago

Name of Facility		Permit	
East Chicago Sanitary District WWTP		IN0022829	
Month	Year	Plant Design Flow	Telephone Number
August	2019	15 mgd	219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name		Class	Certificate Number
Nelson Cardona		IV	WW005872
			Expiration Date
			6/30/2022

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("x" If Occurred)	Collection System Overflow ("x" If Occurred)	CHEMICALS USED			RAW SEWAGE								
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	
1	Thu							371		11.88	7.0	34	3368.7	206	20410	2.65	6.03	
2	Fri							371		12.06	6.9			161	16193	2.18	5.99	
3	Sat							371		11.36								
4	Sun							371		11.56		33	3181.5					
5	Mon							360		12.29	7.6	32	3280	210	21525	2.69	5.93	
6	Tue			0.06				360		12.93	6.9	31	3342.9	414	44644	3.21	5.26	
7	Wed							360		12.95	7.3	30	3240.1	507	54758	3.63	2.29	
8	Thu			0.01				360		12.33	6.8	29	2982.1	388	39899	3.7	5.72	
9	Fri							371		13.01	7.0			404	43835	2.3	4.87	
10	Sat							371		12.35								
11	Sun							360		11.61		36	3485.8					
12	Mon			0.5				360		12.9	6.8	52	5594.5	162	17429	1.86	5.76	
13	Tue			0.01				371		14.35	6.9	33	3949.4	293	35066	1.59	4.45	
14	Wed							371		12.83	7.0	30	3210.1	408	43657	2.32	5	
15	Thu							332		12.51	7.0	26	2712.7	550	57383	3.29	5.14	
16	Fri							332		11.84	7.5			335	33080	2.33	5.48	
17	Sat			0.04				332		12								
18	Sun			1.22		X		332		14.65		34	4154.2					
19	Mon			0.02				332		13.18	6.8	26	2858	202	22204	2.46	5.52	
20	Tue			0.31		X		320		15.52	7.2	23	2977	315	40773	1.75	4.78	
21	Wed							308		12.93	7.5	29	3127.2	277	29871	2.47	5.28	
22	Thu							308		12.78	7.5	26	2771.2	258	27499	2.7	6.33	
23	Fri							308		12.47	7.4			267	27768	2.93	6.05	
24	Sat							308		11.26								
25	Sun							332		10.84		22	1988.9					
26	Mon			0.51				332		15.58	6.7	33	4287.9	207	26897	2.45	5.28	
27	Tue							294		12.82	7.2	18	1924.5	327	34962	2.43	4.77	
28	Wed							345		12.99	7.1	27	2925.1	272	29468	2.33	5.22	
29	Thu							320		12.17	7.1	31	3146.4	228	23141	2.58	5.54	
30	Fri							320		11.09	6.9			182	16833	2.4	5.69	
31	Sat							320		10.6								
Average								342.03		12.569		30	3262.3	299	32150	2.557	5.29	
Maximum				1.22				371		15.58	7.6	52	5594.5	550	57383	3.7	6.33	
Minimum								294		10.6	6.7	18	1924.5	161	16193	1.59	2.29	
# of Data				9	0	2	0	31	0	31	22	21	21	22	22	22	22	0

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator):	Date (month, day, year)
Nelson Cardona	10/9/2019
Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement)	Date (month, day, year)
Nelson Cardona	10/9/2019

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	August	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
	Influent Cyanide, 1677 mg/l	0	MIXED LIQUOR					RETURN SLUDGE		CBOD5 - mg/l	Susp. Solids - mg/l	Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
			Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l									
1			610	13900	44	3.5	69	7.6	26200	3	38			1	6.9		7.6	0.44
2			566	2160	262	3.5	69	7.6	9360		31			1	6.9		7.6	0.42
3			587			3.4	62	7.7									7.8	
4			576			3.1	70	7.7		3							7.8	
5	0.0015		606	12300	49	3.6	70	7.7	21200	3	53			1	7.0		8.1	0.56
6			617	14000	44	3.3	71	7.7	21600	3	61			1	6.8		8.1	0.53
7			567	12400	46	3.4	72	7.7	28700	3	82			5	7.1		8.1	0.61
8			560	12900	43	3.3	71	7.7	26100	3	72			1	6.9		8.0	0.62
9			520	7670	68	3.4	72	7.6	17500		64			1	7.0		7.9	0.61
10			520			3.7	72	7.7									8.0	
11			517			3.4	72	7.7		4							8.0	
12	0.0017		497	9220	54	3.2	71	7.7	17900	3	106			1	6.9		7.8	0.7
13			433	8690	50	3.2	72	7.7	20300	3	84			10	7.0		7.4	0.58
14			550	8300	66	3.2	72	7.7	17700	2	125			5	7.1		7.6	0.65
15			483	10400	46	3.3	72	7.7	18600	3	172			11	7.0		7.5	0.78
16			493	8650	57	3.3	72	7.7	17900		148			4	7.4		7.8	0.83
17			516			3.1	72	7.8									7.6	
18			570			3.4	72	7.8		3							7.5	
19			567	15400	37	2.9	72	7.8	22800	2	59			2	7.0		7.3	0.44
20			537	7700	70	2.9	72	7.8	17400	2	49			1	7.4		7.5	0.49
21			480	7690	62	3.2	72	7.9	17800	2	60			9	7.4		7.3	0.53
22			543	11700	46	3.2	72	7.9	19000	2	63	92.4	10.1	2	7.5		7.3	0.53
23			600	7740	78	3.3	71	7.6	17500		45			1	7.5		7.3	0.61
24			500			3.4	71	7.9									7.4	
25			476			3.3	71	7.9		2							7.3	
26			576	8060	71	3.4	71	7.8	19000	2	64			2420	7.0		7.3	0.65
27			550	7970	69	3.7	71	7.8	17800	2	52			1	7.2		7.4	0.54
28			556	8360	67	3.7	71	7.9	17600	2	62			1	7.1		7.4	0.64
29			546	8060	68	3.6	70	7.9	18000	2	49			3	7.2		7.6	0.54
30			560	7940	71	3.5	70	7.9	18000		32			3	7.0		7.7	0.5
31			596			3.8	70	7.8									7.5	
Avg.	0.0		544	9600	67	3.4	71	7.7548	19453	2.6	71.4	92.4	10.1	3			7.6	0.6
Max.	0.0017		617	15400	262.04	3.8	72	7.9	28700	4	172	92.4	10.1	2420	7.5		8.1	0.83
Min.	0.0015		433	2160	36.818	2.9	62	7.6	9360	2	31	92.4	10.1	1	6.8		7.3	0.42
Daily Max														11				
# of Days above 235														1				
Data	2	0	31	22	22	31	31	31	22	21	22	1	1	22	22		31	22

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	August	2019

Day Of Month		Day of Week	FINAL EFFLUENT															
			Flow		BOD				Total Suspended Solids				Ammonia				Other	
			Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Thu	9		2		150.21		8		600.84		0.1		7.5105			2	
2	Fri	8.32						7		486.01		0.1		6.943			2	
3	Sat	8.98																
4	Sun	9.75		2		162.73												
5	Mon	8.42		2		140.53		17		1194.5		0.1		7.0265		0.0011	2	
6	Tue	9.65		2		161.06		11		885.82		0.1		8.0529			2	
7	Wed	9.32		2		155.55		26		2022.2		0.1		7.7775			5	
8	Thu	8.34		2		139.19		21		1461.5		0.1		6.9597			2	
9	Fri	9.52						30		2383.3		0.1		7.9444			2	
10	Sat	8.51	9.0729		2		151.81		21		1589.5		0.1		7.5522			
11	Sun	6.68		3		167.23												
12	Mon	9.08		2		151.55		59		4470.6		0.1		7.5773		0.0005	2	
13	Tue	12.15		2		202.78		36		3650.1		0.1		10.139			2	
14	Wed	7.11		2		118.67		84		4984		0.1		5.9333			2	
15	Thu	10.6		2		176.91		139		12296		0.1		8.8457			2	
16	Fri	7.09						114		6744.9		0.1		5.9166			2	
17	Sat	9.31	8.86		2.2		163.43		86.4		6429		0.1		7.6824			
18	Sun	9.89		3		247.6												
19	Mon	9.5		2		158.56		26		2061.2		0.1		7.9278		0.0004	5	
20	Tue	12		2		200.28		14		1402		0.1		10.014			5	
21	Wed	10.8		2		180.25		23		2072.9		0.1		9.0126			2	
22	Thu	9.66		2		161.23		20		1612.3		0.1		8.0613			5	
23	Fri	8.53						17		1210.1		0.1		7.1183			5	
24	Sat	8.49	9.8386		2.2		189.58		20		1671.7		0.1		8.4268			
25	Sun	7.61		2		127.01												
26	Mon	11.69		2		195.11		29		2829		0.1		9.7553		0.002	2	
27	Tue	8.79		2		146.71		24		1760.5		0.1		7.3353			2	
28	Wed	7.87		2		131.35		31		2035.9		0.1		6.5675			2	
29	Thu	7.66		2		127.85		18		1150.6		0.1		6.3923			2	
30	Fri	6.77						8		451.97		0.1		5.6496			2	
31	Sat	5.12	7.93		2		145.6		22		1645.6		0.1		7.14			
Avg		8.91		2.1		162.02		34.6		2625.7		0.1		7.6573		0.001	2.682	
Max		12.15	9.8386	3	2.2	247.6	189.58	139	86.4	12296	6429	0.1	0.1	10.139	8.4268	0.002	5	
Min		5.12	7.93	2	2	118.67	145.6	7	20	451.97	1589.5	0.1	0.1	5.6496	7.14	0.0004	2	
Data		31	4	21	4	21	4	22	4	22	4	22	4	22	4	4	22	

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 276.21
Primary Treatment	100.0	NA			
Secondary Treatment	-160614.3	76.1			
Tertiary Treatment	18.5	51.5			
Overall Treatment	93.1	88.4	98.1	77.2	
Phosphorus limit would be 70 % removal. (compliance achieved)					Percent Capacity (actual flow/design) 59%

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	August	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0
1	71	0	0		0									
2	69	0												
3	71	0												
4	69	0												
5	70	0												
6	67	0												
7	74	0												
8	64	0												
9	76	0												
10	69	0												
11	68	0												
12	74	0												
13	72	0												
14	66	0												
15	72	0												
16	72	0												
17	71	0												
18	75	0												
19	67	0												
20	69	0												
21	71	0												
22	68	0												
23	69	0												
24	67	0												
25	67	0												
26	74	0												
27	65	0												
28	71	0												
29	74	0												
30	71	0												
31	72	0												
Avg.	70.161													
Max.	76													
Min.	64													
Data	31	31	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	August	2019

Substitute for State Form 30530

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
7																
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27																
28																
29																
30																
31																
Avg																
Max																
Min																
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility		Permit	
East Chicago Sanitary District WWTP		IN0022829	
Month	Year	Plant Design Flow	Telephone Number
September	2019	15 mgd	219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name		Class	Certificate Number
Nelson Cardona		IV	WW005872
		Expiration Date	6/30/2022

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("X" if Occurred)	Collection System Overflow ("X" if Occurred)	CHEMICALS USED			RAW SEWAGE							
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l
1	Sun			0.22				320		12.52		22	2297.2				
2	Mon							320		10.16	7.3	29	2457.3	346	29318	2.52	5.43
3	Tue			0.14				320		9.73	7.3	38	3083.6	234	18989	2.74	5.51
4	Wed							320		11.2	7.3	40	3736.3	378	35308	3.36	5.83
5	Thu							308		10.97	7.2	25	2287.2	338	30924	3.28	5.95
6	Fri							320		11.72	7.3			453	44278	2.89	6.17
7	Sat							320		10							
8	Sun			0.01				320		10.19		35	2974.5				
9	Mon			0.03				320		11.3	7.5	32	3015.7	470	44294	3.36	6.2
10	Tue							308		11.1	7.5	24	2221.8	411	38048	1.83	6.15
11	Wed							308		8.52	7.4	28	1989.6	247	17551	2.79	5.67
12	Thu			0.22				273		8.09	7.5	38	2563.9	255	17205	3.09	5.69
13	Fri			0.41		X		273		8.87	7.5			39	2885.1	0.99	4.75
14	Sat							273		10.6							
15	Sun			0.7		X		260		14.6		38	4627				
16	Mon							247		11.4	7.5	23	2186.7	214	20346	1.57	5.18
17	Tue							260		11.1	7.4	29	2684.6	196	18145	2.17	5.46
18	Wed							260		11.2	7.2	30	2802.2	178	16627	2.14	5.7
19	Thu							247		10.7	7.1	29	2587.9	265	23648	2.74	5.9
20	Fri							247		11	7.7			146	13394	0.92	5.63
21	Sat			0.1				247		11							
22	Sun			0.95		X		221		16.5		15	2064.2				
23	Mon							286		12	7.3	12	1201	198	19816	1.79	4.31
24	Tue							320		11.5	7.2	29	2781.4	265	25416	3.01	6.42
25	Wed							332		11.7	7.4	23	2244.3	213	20784	2.43	5.45
26	Thu							371		11.1	7.3	23	2129.2	232	21477	2.76	5.6
27	Fri			2.9		X		332		16.8	7.3			41	5744.6	0.7	4.95
28	Sat			0.65		X		308		19.7							
29	Sun			0.92		X		308		19.3		13	2092.5				
30	Mon							308		18.3	7.1	15	2289.3	229	34950	2.42	3.22
Average								295.23		12.096		27	2559.9	255	23769	2.357	5.484
Maximum				2.9				371		19.7	7.7	40	4627	470	44294	3.36	6.42
Minimum								221		8.09	7.1	12	1201	39	2885.1	0.7	3.22
# of Data				12	0	6	0	30	0	30	21	22	22	21	21	21	21

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator):

Nelson Cardona

Date (month, day, year)

10/25/2019

Signature of principal executive officer or authorized agent
(or attested by NetDMR subscriber agreement)

Nelson Cardona

Date (month, day, year)

10/25/2019

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	September	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
	Influent Cyanide, 1677 mg/l	0	MIXED LIQUOR					RETURN SLUDGE		CBOD5 - mg/l	Susp. Solids - mg/l	Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
			Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l									
1			513			3.6	69	7.8		2							7.7	
2	0.0046		587	8340	70	3.8	70	7.9	17700	2	60			1	7.2		7.6	0.59
3			540	8840	61	3.7	70	7.8	19600	2	61			75	7.3		7.6	0.6
4			543	11000	49	4.0	69	7.8	21300	2	54			1	7.3		7.8	0.55
5			593	8160	73	4.0	69	7.8	17300	2	45			3	7.3		7.8	0.55
6			550	2110	261	3.8	69	7.9	14800		54			2	7.3		7.7	0.6
7			560			3.9	69	7.8									7.6	
8			630			3.5	69	7.8		2							7.7	
9	0.0032		553	13600	41	3.9	69	7.9	13600	2	58			1	7.3		7.7	0.65
10			533	14600	37	3.3	70	7.8	25100	3	97			1	7.3		7.5	0.88
11			573	12900	44	3.1	71	7.8	26400	2	89			2	7.3		7.4	0.95
12			576	12600	46	3.2	70	7.8	26700	4	56			1	7.4		7.4	0.73
13			513	3790	135	3.2	70	7.8	6300		21			1050	7.4		7.1	0.58
14			500			3.1	70	7.8									7.2	
15			537			3.3	70	7.8		3							7.6	
16			550	7660	72	3.1	70	7.8	16300	2	46			3	7.3		7.3	0.57
17			500	12600	40	3.6	70	7.8	21100	3	60			1	7.3		7.7	0.73
18			503	7480	67	3.5	70	7.7	15400	3	47			1	7.3		7.7	0.77
19			457	7460	61	3.3	70	7.8	15500	3	41			1	7.2		7.6	0.56
20			483	3320	145	3.5	70	7.7	3200		31			1	7.2		7.8	0.56
21			566			3.4	70	7.7									7.5	
22			543			3.6	70	7.7		2							7.6	
23			520	11400	46	3.5	70	7.6	23500	2	54			1	7.4		7.4	0.53
24			533	11200	48	3.6	69	7.6	27700	2	38			1	7.2		8.0	0.49
25			590	12100	49	4.4	68	7.6	25200	2	33			1	7.4		8.1	0.48
26			560	9640	58	4.3	68	7.7	22500	2	25			1	7.3		7.5	0.49
27			623	4100	152	4.4	67	7.7	3960		10			3	7.4		7.5	0.48
28			300			5.0	67	7.6									7.7	
29			333			4.8	66	7.6		3							8.1	
30			493	13700	36	4.4	68	7.6	36600	3	48			22	7.2		7.8	0.43
Avg.	0.0		529	9362	76	3.7	69	7.75	19036	2.4	49.0			2			7.6	0.6
Max.	0.0046		630	14600	260.66	5	71	7.9	36600	4	97			1050	7.4		8.1	0.95
Min.	0.0032		300	2110	35.985	3.1	66	7.6	3200	2	10			1	7.2		7.1	0.43
Daily Max														75				
# of Days above 235														1				
Data	2	0	30	21	21	30	30	30	21	22	21	0	0	21	21		30	21

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	September	2019

Day Of Month	Day Of Week	FINAL EFFLUENT															
		Flow		BOD				Total Suspended Solids				Ammonia				Other	
		Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Sun	7.67		2		128.01											
2	Mon	6		2		100.14		24		1201.7		0.1		5.007		0.002	2
3	Tue	6.67		2		111.32		14		779.26		0.1		5.5661			2
4	Wed	7		2		116.83		10		584.15		0.1		5.8415			2
5	Thu	7.86		2		131.18		5		327.96		0.1		6.5592			2
6	Fri	7.92						15		991.39		0.1		6.6092			2
7	Sat	6	7.0171		2		117.5		13.6		776.89		0.1		5.9166		
8	Sun	7.1		2		118.5											
9	Mon	11		2		183.59		19		1744.1		0.1		9.1795		0.002	2
10	Tue	8.48		3		212.3		69		4882.8		0.1		7.0766			2
11	Wed	5.4		2		90.126		61		2748.8		0.1		4.5063			2
12	Thu	10.9		2		181.92		22		2001.1		0.1		9.0961			2
13	Fri	6						8		400.56		0.1		5.007			2
14	Sat	5.3	7.74		2.2		157.29		35.8		2355.5		0.1		6.9731		
15	Sun	5.5		2		91.795											
16	Mon	5.1		2		85.119		16		680.95		0.1		4.256		0.003	2
17	Tue	5.3		2		88.457		28		1238.4		0.1		4.4229			2
18	Wed	5.5		2		91.795		18		826.16		0.1		4.5898			5
19	Thu	12.5		2		208.63		12		1251.8		0.18		18.776			5
20	Fri	6.6						15		826.16		0.1		5.5077			2
21	Sat	5.5	6.5714		2		113.16		17.8		964.68		0.116		7.5105		
22	Sun	12.5		2		208.63											
23	Mon	6		2		100.14		21		1051.5		0.1		5.007		0.001	2
24	Tue	5.5		2		91.795		9		413.08		0.1		4.5898			2
25	Wed	5.5		2		91.795		7		321.28		0.1		4.5898			2
26	Thu	6.8		2		113.49		3		170.24		0.1		5.6746			2
27	Fri	13.5						3		337.97		0.1		11.266			2
28	Sat	9	8.4		2		121.17		8.6		458.81		0.1		6.2254		
29	Sun	6.9		2		115.16											
30	Mon	11.8		2		196.94		13		1280.1		0.1		9.8471		0.001	2
Avg		7.56		2.0		129.89		18.7		1145.7		0.1038		6.8083		0.002	2.286
Max		13.5	8.4	3	2.2	212.3	157.29	69	35.8	4882.8	2355.5	0.18	0.116	18.776	7.5105	0.003	5
Min		5.1	6.5714	2	2	85.119	113.16	3	8.6	170.24	458.81	0.1	0.1	4.256	5.9166	0.001	2
Data		30	4	22	4	22	4	21	4	21	4	21	4	21	4	5	21

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 226.8
Primary Treatment	100.0	NA			
Secondary Treatment	-61671.6	80.8			
Tertiary Treatment	15.1	61.9			
Overall Treatment	92.4	92.7	98.1	74.2	
Phosphorus limit would be 70 % removal. (compliance achieved)					Percent Capacity (actual flow/design) 50%

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	September	2019

Day Of Month	SLUDGE TO		DIGESTER OPERATION											
	Holding Tank		0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000												
1	71	0	0	0	0									
2	66	0												
3	71	0												
4	71	0												
5	69	0												
6	71	0												
7	68	0												
8	68	0												
9	69	0												
10	71	0												
11	67	0												
12	68	0												
13	62	0												
14	70	0												
15	77	0												
16	74	0												
17	71	0												
18	77	0												
19	70	0												
20	71	0												
21	72	0												
22	69	0												
23	71	0												
24	73	0												
25	68	0												
26	67	0												
27	74	0												
28	72	0												
29	74	0												
30	70	0												
Avg.	70.4													
Max.	77													
Min.	62													
Data	30	30	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	September	2019

Substitute for State Form 30530

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13	195	202	140	220	0.0081	0.0081	0.0897	0.0311	0.0002	0.0002	0.0087	0.0018	0.0051	0.0021	0.0347	0.0213
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
Avg	195	202	140	220	0.0081	0.0081	0.0897	0.0311	0.0002	0.0002	0.0087	0.0018	0.0051	0.0021	0.0347	0.0213
Max	195	202	140	220	0.0081	0.0081	0.0897	0.0311	0.0002	0.0002	0.0087	0.0018	0.0051	0.0021	0.0347	0.0213
Min	195	202	140	220	0.0081	0.0081	0.0897	0.0311	0.0002	0.0002	0.0087	0.0018	0.0051	0.0021	0.0347	0.0213
Data	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility East Chicago Sanitary District WWTP		Permit Number IN0022829	
Month October	Year 2019	Plant Design Flow 15 mgd	Telephone Number 219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name Nelson Cardona	Class IV	Certificate Number WW005872	Expiration Date 6/30/2022

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("x" If Occurred)	Collection System Overflow ("x" If Occurred)	CHEMICALS USED			RAW SEWAGE								
				5.28			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	
1	Tue							320		19.63	7.2	16	2619.4	244	39946	2.53	3.37	
2	Wed			0.3				320		17.86	7.4	12	1787.4	121	18023	1.56	3.71	
3	Thu			0.69		X		308		17.91	7.2	14	2091.2	357	53325	2.96	2.8	
4	Fri							320		18.08	7.4			304	45839	2.55	3.4	
5	Sat			0.29				308		17.56								
6	Sun							320		17.44		19	2763.5					
7	Mon							320		17.87	7.3	13	1937.5	265	39494	2.6	4.1	
8	Tue							332		17.36	7.1	15	2171.7	246	35616	2.54	4.31	
9	Wed							332		17.95	7.2	13	1946.1	312	46707	2.32	4.38	
10	Thu			0.04				332		17.73	7.1	11	1626.6	318	47022	2.37	4.36	
11	Fri			0.31				320		17.78	7.3			83	12308	0.92	4.17	
12	Sat			0.01				332		16.31								
13	Sun							332		15.51		25	3233.8					
14	Mon							320		15.12	7.2	29	3656.9	315	39722	3.05	4.54	
15	Tue			0.02				320		14.69	7.2	14	1715.2	191	23400	1.34	4.52	
16	Wed							308		13.97	7.3	25	2912.7	200	23302	2.15	4.74	
17	Thu							308		13.32	7.3	24	2666.1	92	10220	1.57	4.98	
18	Fri							308		12.29	7.3			33	3382.5	0.85	5.08	
19	Sat							308		12.87								
20	Sun							320		13.13		23	2518.6					
21	Mon			0.06				320		12.24	7.2	26	2654.1	287	29297	1.46	5.31	
22	Tue							308		12.35	7.4	34	3502	261	26883	1.72	4.94	
23	Wed							308		12.2	7.3	25	2543.7	322	32763	1.93	4.92	
24	Thu							308		11.87	7.3	22	2177.9	222	21977	1.35	5.01	
25	Fri							308		11.7	7.3			207	20199	1.62	5.24	
26	Sat			2.01		X		308		13.45								
27	Sun			0.06				308		14.83		16	1978.9					
28	Mon							320		15.07	7.2	13	1633.9	173	21743	1.26	3.08	
29	Tue			0.12				308		15.24	7.2	17	2160.7	188	23895	1.18	3.3	
30	Wed			0.88		X		332		15.8	7.1	13	1713	234	30835	1.2	2.44	
31	Thu			0.49		X		320		16.04	7.2	16	2140.4	168	22474	1.2	2.26	
Average								317.29		15.328		19	2354.4	224	29060	1.836	4.129	
Maximum				2.01				332		19.63	7.4	34	3656.9	357	53325	3.05	5.31	
Minimum								308		11.7	7.1	11	1626.6	33	3382.5	0.85	2.26	
# of Data				13	0	4	0	31	0	31	23	23	23	23	23	23	23	0

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator): Nelson Cardona	Date (month, day, year) 11/27/2019
Signature of principal executive officer or authorized agent (or attested by NetDMR subscriber agreement) Nelson Cardona	Date (month, day, year) 11/27/2019

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	October	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
	Influent Cyanide, 1677 mg/l	0	MIXED LIQUOR					RETURN SLUDGE		CBOD5 - mg/l	Susp. Solids - mg/l	Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
			Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l									
1			453	10800	42	3.3	47	7.9	27700	3	46			4	7.3		7.4	0.43
2			426	13900	31	3.5	68	8.5	29000	2	33			8	7.4		7.4	0.41
3			440	13100	34	3.5	68	8.5	34600	2	41			5	7.3		7.5	0.41
4			513	3050	168	4.5	67	8.7	14500		79			22	7.3		7.5	0.57
5			427			4.5	66	9.4									8.1	
6			447			4.6	66	8.9		3							7.6	
7			467	7400	63	4.5	66	8.7	20400	2	58			19	7.3		7.7	0.56
8			490	10700	46	4.9	66	8.8	20600	2	46			4	7.1		7.7	0.49
9			410	7800	53	4.5	67	8.6	21300	2	64			1	7.2		8.0	0.59
10			443	7900	56	4.6	65	8.7	21500	2	85			2	7.2		7.7	0.6
11			430	6600	65	4.6	65	8.5	1200		38			3	7.3		7.8	0.58
12			483			4.6	65	8.3									8.3	
13			470			4.6	65	8.3		2							8.4	
14	0.0024		500	15300	33	4.8	65	8.3	32000	2	44			1	7.2		8.1	0.43
15			603	7920	76	4.8	64	8.9	20500	3	51			1	7.2		8.4	0.49
16			486	12500	39	4.8	64	8.2	23700	2	98			1	7.3		8.3	0.78
17			470	12400	38	4.9	64	8.1	28400	2	60			1	7.3		8.5	0.67
18			390	3500	111	4.9	63	7.6	3360		21			1	7.2		8.6	0.45
19			466			5.1	63	7.8									8.6	
20			573			4.5	64	7.8		4							8.7	
21	0.003		443	10400	43	4.5	65	7.8	36600	5	83			1	7.3		8.6	0.5
22			466	8100	58	4.6	64	7.8	31000	4	90			1	7.5		8.6	0.52
23			550	14600	38	4.6	64	7.8	23200	4	90			1	7.4		8.5	0.61
24			476	8480	56	5.9	64	7.8	18300	4	97			1	7.2		7.9	0.6
25			503	8120	62	4.7	64	7.8	18500		101			1	7.3		7.9	0.64
26			537			4.5	64	7.7									8.0	
27			580			5.7	60	7.7		4							7.8	
28			510	8300	61	4.9	62	7.7	19300	4	76			1	7.2		8.1	0.49
29			510	6460	79	3.8	55	7.7	17000	3	64			1	7.2		7.7	0.49
30			470	6180	76	4.6	60	7.7	12400	3	78	22.4	2.36	1	7.2		8.2	0.46
31			467	7380	63	6.0	58	7.7	19000	3	87			1	7.2		8.7	0.46
Avg.	0.0		481	9169	60	4.6	63	8.1839	21481	2.9	66.5	22.4	2.36	2			8.1	0.5
Max.	0.003		603	15300	168.2	6	68	9.4	36600	5	101	22.4	2.36	22	7.5		8.7	0.78
Min.	0.0024		390	3050	30.647	3.3	47	7.6	1200	2	21	22.4	2.36	1	7.1		7.4	0.41
Daily Max														75				
# of Days above 235														0				
Data	2	0	31	23	23	31	31	31	23	23	23	1	1	23	23		31	23

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	October	2019

Day Of Month		Day of Week	FINAL EFFLUENT															
			Flow		BOD				Total Suspended Solids				Ammonia				Other	
			Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Tue	17		2		283.73		10		1418.7		0.11		15.605			2	
2	Wed	8.1		2		135.19		7		473.16		0.12		8.1113			2	
3	Thu	7.2		2		120.17		9		540.76		0.1		6.0084			5	
4	Fri	10.6						24		2123		0.1		8.8457			2	
5	Sat	16.2	11.114		2		170.24		12.6		1167.1		0.106		9.6835			
6	Sun	15.5		2		258.7												
7	Mon	14.18		2		236.66		21		2485		0.1		11.833		0.0008	2	
8	Tue	14.16		2		236.33		11		1299.8		0.1		11.817			2	
9	Wed	14.81		2		247.18		22		2719		0.1		12.359			2	
10	Thu	14.71		2		245.51		36		4419.2		0.1		12.275			2.4	
11	Fri	15.35						27		3458.6		0.1		12.81			2	
12	Sat	10.12	14.119		2		244.88		23.4		2876.3		0.1		12.219			
13	Sun	10.76		2		179.58												
14	Mon	11.2		2		186.93		6		560.78		0.1		9.3464		0.0018	2	
15	Tue	11.23		2		187.43		11		1030.9		0.1		9.3714			2	
16	Wed	7		2		116.83		38		2219.8		0.1		5.8415			2	
17	Thu	10.13		2		169.07		23		1944.3		0.1		8.4535			2	
18	Fri	9.84						11		903.26		0.1		8.2115			2	
19	Sat	9.99	10.021		2		167.97		17.8		1331.8		0.1		8.2449			
20	Sun	8.74		2		145.87												
21	Mon	8		2		133.52		31		2069.6		0.1		6.676		0.0024	2	
22	Tue	7.24		2		120.84		41		2477.1		0.1		6.0418			2	
23	Wed	7.64		2		127.51		43		2741.5		0.1		6.3756			2	
24	Thu	9		2		150.21		58		4356.1		0.1		7.5105			2	
25	Fri	10						59		4923.6		0.1		8.345			2	
26	Sat	8.75	8.4814		2		135.59		46.4		3313.6		0.1		6.9898			
27	Sun	8.53		2		142.37												
28	Mon	11.66		2		194.61		36		3502.9		0.1		9.7303		0.0015	2	
29	Tue	10.56		2		176.25		31		2731.8		0.1		8.8123			2	
30	Wed	10.31		2		172.07		30		2581.1		0.36		30.973			2	
31	Thu	11.1	10.17	2	2	185.26	174.11	40	34.8	3705.2	2956.2	0.1	0.152	9.263	12.977		2	
Avg		10.955		2.0		180.51		27.2		2377.6		0.1126		10.201		0.0016	2.148	
Max		17	14.119	2	2	283.73	244.88	59	46.4	4923.6	3313.6	0.36	0.152	30.973	12.977	0.0024	5	
Min		7	8.4814	2	2	116.83	135.59	6	12.6	473.16	1167.1	0.1	0.1	5.8415	6.9898	0.0008	2	
Data		31	5	23	5	23	5	23	5	23	5	23	5	23	5	4	23	

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 339.61
Primary Treatment	100.0	NA			
Secondary Treatment	-107790.5	70.3			
Tertiary Treatment	31.3	59.2			Percent Capacity
Overall Treatment	89.4	87.8	97.3	71.0	(actual flow/design) 73%
Phosphorus limit would be 65 % removal. (compliance achieved)					

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	October	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION													
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000				
1	70	0	0	0	0									0		
2	75	0														
3	77	0														
4	80	0														
5	72	0														
6	71	0														
7	85	0														
8	73	0														
9	72	0														
10	71	0														
11	73	0														
12	69	0														
13	72	0														
14	76	0														
15	71	0														
16	69	0														
17	71	0														
18	70	0														
19	69	0														
20	67	0														
21	69	0														
22	72	0														
23	77	0														
24	74	0														
25	72	0														
26	73	0														
27	71	0														
28	71	0														
29	73	0														
30	72	0														
31	73	0														
Avg.	72.581															
Max.	85															
Min.	67															
Data	31	31	0	0	0	0	0	0	0	0	0	0	0	0		

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	October	2019
Substitute for State Form 30530			

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
7																
8																
9																
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24																
25																
26																
27																
28																
29																
30																
31																
Avg																
Max																
Min																
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility East Chicago Sanitary District WWTP		Permit Number IN0022829	
Month November	Year 2019	Plant Design Flow 15 mgd	Telephone Number 219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name Nelson Cardona	Class IV	Certificate Number WW005872	Expiration Date 6/30/2022

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("X" If Occurred)	Collection System Overflow ("X" If Occurred)	CHEMICALS USED			RAW SEWAGE								
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l	
1	Fri			0.06				320		16	7.1			180	24019	1.32	2.9	
2	Sat							320		16.49								
3	Sun							320		15.55		16	2075					
4	Mon							308		15.71	7.1	13	1703.3	172	22536	1.3	3.3	
5	Tue							308		15.49	7.1	18	2325.4	188	24287	1.25	3.18	
6	Wed							320		15.79	7.1	10	1316.9	252	33186	1.3	3.36	
7	Thu							320		15.7	7.1	16	2095	386	50542	1.82	3.63	
8	Fri							308		15.35	7.2			99	12674	0.54	3.66	
9	Sat							294		15.28								
10	Sun							294		15.15		12	1516.2					
11	Mon			0.07				294		15.27	7.1	38	4839.4	488	62148	2.41	4.27	
12	Tue							282		14.8	7.1	23	2838.9	256	31599	2.26	4.39	
13	Wed							256		14.49	7.2	19	2296.1	153	18490	2.02	4.54	
14	Thu			0.01				269		14.31	7.3	50	5967.3	644	76858	2.7	4.53	
15	Fri							256		13.8	7.3			360	41433	1.59	4.3	
16	Sat							243		13.45								
17	Sun							243		13.31		36	3996.2					
18	Mon							230		13.53	7.1	24	2708.2	335	37801	1.85	4.42	
19	Tue			0.07				230		13.7	7.4	32	3656.3	795	90835	3.01	4.23	
20	Wed							230		13.2	7.0	20	2201.8	257	28293	1.55	4.39	
21	Thu			0.61		X		256		14.43	7.1	24	2888.3	198	23829	1.73	3.64	
22	Fri							256		14.53	7.2			447	54168	1.61	3.81	
23	Sat							358		13.61								
24	Sun							358		13.2		30	3302.6					
25	Mon							346		13.29	7.2	39	4322.7	337	37353	2.13	4.47	
26	Tue			0.01				358		13.49	7.2	29	3262.7	367	41290	2.17	4.5	
27	Wed							371		14.49	7.2	33	3987.9	321	38792	1.98	3.29	
28	Thu							358		13.14	7.1	31	3397.2	343	37589	1.69	4.03	
29	Fri			0.02				358		12.66	7.1			373	39383	2.12	4.59	
30	Sat			0.28				346		12.85								
Average								300.33		14.402		26	3034.9	331	39386	1.826	3.973	
Maximum				0.61				371		16.49	7.4	50	5967.3	795	90835	3.01	4.59	
Minimum								230		12.66	7.0	10	1316.9	99	12674	0.54	2.9	
# of Data				8	0	1	0	30	0	30	21	20	20	21	21	21	21	0

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator):

Nelson Cardona

Date (month, day, year)

12/27/2019

Signature of principal executive officer or authorized agent
(or attested by NetDMR subscriber agreement)

Nelson Cardona

Date (month, day, year)

12/27/2019

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	November	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
	Influent Cyanide, 1677 mg/l	0	MIXED LIQUOR					RETURN SLUDGE		CBOD5 - mg/l	Susp. Solids - mg/l	Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
			Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l									
1			490	7140	69	5.6	59	7.7	19000		74				7.2		8.6	0.48
2			517			5.8	59	7.7									9.3	
3			473			5.7	60	7.7		3							8.6	
4	0.0029		477	7500	64	5.5	60	7.7	19800	3	57				7.3		8.9	0.46
5			493	11100	44	5.6	60	7.7	23100	3	64				7.3		8.3	0.43
6			560	11600	48	5.5	60	7.6	26800	3	83				7.3		8.4	0.42
7			533	11500	46	5.6	59	7.7	28000	2	90				7.3		8.7	0.44
8			530	6120	87	5.7	59	7.7	3310		58				7.2		8.4	0.42
9			530			5.6	59	7.7									8.3	
10			416			5.2	59	7.7		3							8.1	
11	0.0015		503	9520	53	5.4	59	7.7	27700	3	96				7.3		8.0	0.47
12			450	7120	63	5.6	57	7.7	25800	3	121				7.3		8.6	0.49
13			453	7020	65	5.6	56	7.7	23200	3	78				7.4		8.9	0.57
14			513	7680	67	5.6	57	7.7	29800	3	65				7.5		8.7	0.4
15			510	9900	52	5.4	57	7.8	20400						7.5		8.9	0.45
16			520			5.6	57	7.7									8.8	
17			513			5.5	57	7.6		3							8.5	
18			513	14900	34	5.4	57	7.6	26100	2	114				7.2		8.2	0.47
19			520	13600	38	5.4	57	7.6	17000	4	116				7.2		8.2	0.45
20			517	9440	55	5.4	58	7.6	21900	3	139				7.2		8.3	0.45
21			543	12200	45	5.3	58	7.6	22900	3	95				7.2		8.3	0.42
22			537	1810	297	5.1	57	7.6	9220		108				7.1		9.1	0.39
23			550			5.6	56	7.6									9.0	
24			510			6.0	55	7.6		2							8.6	
25			493	7700	64	5.5	55	7.6	17900	3	130				7.2		9.4	0.48
26			543	11300	48	5.5	56	7.6	22600	3	120				7.2		8.6	0.37
27			630	7840	80	5.3	56	7.6	13500	3	125				7.2		8.0	0.43
28			607	8320	73	5.0	48	7.6	17800	3	165				7.2		8.0	0.5
29			570	7940	72	5.2	57	7.6	15300		162				7.3		8.1	0.57
30			583			5.1	56	7.7									8.0	
Avg.	0.0		520	9107	70	5.5	57	7.6567	20530	2.9	103.0						8.5	0.5
Max.	0.0029		630	14900	296.69	6	60	7.8	29800	4	165				7.5		9.4	0.57
Min.	0.0015		416	1810	34.43	5	48	7.6	3310	2	57				7.1		8	0.37
Daily Max														#NUM!				
# of Days above 235														0				
Data	2	0	30	21	21	30	30	30	21	20	20	0	0	0	21	30	21	

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	November	2019

Day Of Month	Day of Week	FINAL EFFLUENT															
		Flow		BOD				Total Suspended Solids				Ammonia				Other	
		Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Fri	7.32						37		2260.2		0.1		6.1085			2
2	Sat	11.71															
3	Sun	10.84		2		180.92											
4	Mon	12		2		200.28		17		1702.4		0.1		10.014		0.0018	2
5	Tue	13.67		2		228.15		20		2281.5		0.1		11.408			2
6	Wed	14.71		2		245.51		28		3437.1		0.1		12.275			2
7	Thu	10		2		166.9		54		4506.3		0.1		8.345			2
8	Fri	10.7						51		4553.9		0.1		8.9292			2
9	Sat	10.69	11.801		2		204.35		34		3296.2		0.1		10.194		
10	Sun	14.38		2		240											
11	Mon	10.6		2		176.91		41		3626.7		0.1		8.8457		0.0005	2
12	Tue	10.36		2		172.91		73		6311.2		0.1		8.6454			2
13	Wed	10.14		2		169.24		48		4061.7		0.1		8.4618			2
14	Thu	10.02		2		167.23		21		1756		0.1		8.3617			2
15	Fri	9.66						71		5723.5		0.1		8.0613			2
16	Sat	12	11.023		2		185.26		50.8		4295.8		0.1		8.4752		
17	Sun	12.07		2		201.45											
18	Mon	12		2		200.28		49		4906.9		0.1		10.014		0.002	2
19	Tue	12		2		200.28		55		5507.7		0.1		10.014			2
20	Wed	12.03		2		200.78		73		7328.5		0.1		10.039			2
21	Thu	10.1		2		168.57		57		4804.2		0.1		8.4285			2
22	Fri	10.17						57		4837.5		0.1		8.4869			2
23	Sat	12.04	11.487		2		194.27		58.2		5477		0.1		9.3965		
24	Sun	11.81		2		197.11											
25	Mon	12.2		2		203.62		76		7737.5		0.1		10.181		0.002	2
26	Tue	13.2		2		220.31		48		5287.4		0.1		11.015			2
27	Wed	10.47		2		174.74		72		6290.8		0.1		8.7372			2
28	Thu	9.9		2		165.23		101		8344.2		0.1		8.2616			2
29	Fri	12.36						115		11862		0.1		10.314			2
30	Sat	12.45	11.77		2		192.2		82.4		7904.3		0.1		9.7019		
Avg		11.387		2.0		194.02		55.4		5101.3		0.1		9.2832		0.0016	2
Max		14.71	11.801	2	2	245.51	204.35	115	82.4	11862	7904.3	0.1	0.1	12.275	10.194	0.002	2
Min		7.32	11.023	2	2	165.23	185.26	17	34	1702.4	3296.2	0.1	0.1	6.1085	8.4752	0.0005	2
Data		30	4	20	4	20	4	21	4	21	4	21	4	21	4	4	21

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 341.6
Primary Treatment	100.0	NA			
Secondary Treatment	-131718.2	68.9			
Tertiary Treatment	31.0	46.2			Percent Capacity
Overall Treatment	92.2	83.3	97.5	75.1	(actual flow/design) 76%
Phosphorus limit would be 65 % removal. (compliance achieved)					

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	November	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0
1	74	0	0		0									
2	74	0												
3	69	0												
4	73	0												
5	91	0												
6	104	0												
7	105	0												
8	104	0												
9	99	0												
10	109	0												
11	101	0												
12	100	0												
13	112	0												
14	104	0												
15	103	0												
16	113	0												
17	98	0												
18	105	0												
19	108	0												
20	105	0												
21	100	0												
22	115	0												
23	108	0												
24	108	0												
25	97	0												
26	106	0												
27	109	0												
28	104	0												
29	105	0												
30	106	0												
Avg.	100.3													
Max.	115													
Min.	69													
Data	30	30	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	November	2019

Substitute for State Form 30530

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
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30																
Avg																
Max																
Min																
Data	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



MONTHLY REPORT OF OPERATION ACTIVATED SLUDGE TYPE WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility		Permit	
East Chicago Sanitary District WWTP		IN0022829	
Month	Year	Plant Design Flow	Telephone Number
December	2019	15 mgd	219-391-8466
E-mail address: ncardona@eastchicago.com			
Certified Operator: Name		Class	Certificate Number
Nelson Cardona		IV	WW005872
		Expiration Date	6/30/2022

Day Of Month	Day of Week	Man-Hours at Plant (Plants less than 1 MGD only)	Air Temperature (optional)	Total=	Bypass At Plant Site ("x" if Occurred)	Collection System Overflow ("x" if Occurred)	CHEMICALS USED			RAW SEWAGE							
				Precipitation - Inches			Chlorine - Lbs	Ferric Sulfate Lbs/Day	Lbs/Day or Gal./Day	Influent Flow Rate (if metered) MGD	pH	CBOD5 - mg/l	CBOD5 - lbs	Susp. Solids - mg/l	Susp. Solids - lbs	Phosphorus - mg/l	Ammonia - mg/l
1	Sun			0.07				334		14.15		29	3422.3				
2	Mon							334		13.55	7.2	21	2373.1	584	65996	3.27	4.1
3	Tue							321		13.17	7.2	38	4173.8	724	79523	3.42	4.34
4	Wed							373		12.54	7.3	30	3137.5	497	51978	2.67	4.34
5	Thu							373		12	7.2	34	3402.7	449	44936	2.2	4.54
6	Fri							386		11.62	7.2			298	28879	2.12	4.77
7	Sat							386		11.09							
8	Sun							386		11.33		34	3212.7				
9	Mon			0.16				386		12.38	7.0	31	3200.7	480	49560	1.87	4.76
10	Tue							411		11.79	7.3	30	2949.9	448	44051	2.46	5.01
11	Wed							398		11.86	7.4	30	2967.4	417	41246	2.89	5.17
12	Thu							386		11.48	7.2	33	3159.5	309	29585	2.62	5.59
13	Fri							386		11.27	7.3			300	28198	2.58	5.21
14	Sat							398		14.26							
15	Sun							386		14.05		28	3281				
16	Mon			0.05				398		12.48	7.2	32	3330.7	296	30809	2.39	5.38
17	Tue							386		11.04	7.2	37	3406.7	329	30292	3.46	5.19
18	Wed							398		11.06	7.1	30	2767.2	296	27303	2.21	5.39
19	Thu							411		11.02	7.1	36	3308.6	607	55787	3.99	5.29
20	Fri							411		13.39	7.2			202	22558	1.67	5.28
21	Sat							386		10.33							
22	Sun							386		10.26		62	5305.2				
23	Mon							373		10.51	7.3	48	4207.4	466	40846	3.5	5.36
24	Tue							347		12.43	7.2	51	5287	435	45095	3.6	5.41
25	Wed							347		11.52	7.2	31	2978.4	517	49672	2.71	5.38
26	Thu							334		11.37	7.1	34	3224.1	377	35749	2.39	2.58
27	Fri							360		10.24	7.4			276	23571	2.08	5.31
28	Sat			0.05				360		11.28							
29	Sun			0.96		X		360		13.13		64	7008.3				
30	Mon			0.19				386		13.24	7.3	38	4196	320	35335	2.24	3.28
31	Tue							334		11.48	7.4	33	3159.5	155	14840	1.35	4.03
1	Wed	Fill in January's effluent data on page 3 as needed for weekly average calculations.								11.51							
2	Thu									11.06							
3	Fri									11.3							
Average								374.87		11.978		36	3628.7	399	39810	2.622	4.805
Maximum				0.96				411		14.26	7.4	64	7008.3	724	79523	3.99	5.59
Minimum								321		10.24	7.0	21	2373.1	155	14840	1.35	2.58
# of Data				6	0	1	0	31	0	31	22	23	23	22	22	22	22

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 persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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.

Prepared by or under the direction of (Certified Operator):

Nelson Cardona

Date (month, day, year)

1/28/2020

Signature of principal executive officer or authorized agent
(or attested by NetDMR subscriber agreement)

Nelson Cardona

Date (month, day, year)

1/28/2020

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	December	2019

Day Of Month	PRIMARY EFFLUENT		AERATION							SECONDARY EFFLUENT		FINAL EFFLUENT						
			MIXED LIQUOR					RETURN SLUDGE				Influent Mercury, Total Recoverable, ng/l	Effluent Mercury, Total Recoverable, ng/l	E. Coli - colony/100 ml	pH - daily low (or single sample)	pH - daily high (if multiple samples)	Dissolved Oxygen - mg/l	Phosphorus - mg/l
	Settleable Solids % in 30 minutes	Susp. Solids - mg/l	Sludge Vol. Index - ml/gm	Dissolved Oxygen - mg/l	Temperature - F	Volume - MG	Susp. Solids - mg/l	CBOD5 - mg/l	Susp. Solids - mg/l									
1			676			5.9	55	7.7		3							8.0	
2	0.022		643	12100	53	5.4	56	7.9	24700	2	160				7.1		8.6	0.42
3			673	11800	57	5.4	56	8.3	25700	3	152				7.2		8.9	0.47
4			673	11300	60	5.4	56	8.7	24300	3	131				7.2		8.7	0.46
5			670	12300	54	5.3	56	8.7	24200	3	137				7.2		8.8	0.4
6			700	7080	99	5.7	55	8.8	21500		160				7.2		8.5	0.5
7			663			6.1	55	8.7									8.6	
8			683			5.9	55	8.8		3							9.0	
9	0.002		700	8100	86	5.5	55	8.6	16300	2	132				7.2		8.5	0.49
10			623	7900	79	5.6	54	8.7	16900	3	202				7.2		8.7	0.63
11			653	7800	84	6.1	53	8.8	19200	3	180				7.6		9.5	0.64
12			787	8320	95	5.0	53	9	16700	3	154				7.2		9.8	0.55
13			763	4160	183	5.9	53	8.6	3540		122				7.2		9.3	0.69
14			773			5.6	54	8.6									8.8	
15			800			6.0	53	8.7		3							8.7	
16			767	13300	58	5.6	53	9	24600	4	141				7.2		8.8	0.5
17			763	8440	90	5.5	53	8.8	19200	3	159				7.3		8.9	0.72
18			767	8440	91	5.8	53	8.9	26600	3	180				7.2		9.1	0.85
19			713	8620	83	5.8	52	9.1	21300	3	186	51.3	10.9		7.2		9.7	0.65
20			567	8160	69	5.1	53	9	13700		143				7.3		9.5	0.64
21			697			5.4	53	9									8.9	
22			880			5.7	53	8.9		3							9.7	
23			747	5560	134	6.5	53	8.7	22700	4	75				7.2		9.6	0.58
24			720	11800	61	6.3	54	8.8	13700	4	73				7.3		9.6	0.55
25			730	11700	62	5.8	54	8.8	20100	5	73				7.3		9.8	0.51
26			783	12000	65	6.1	55	8.9	22000	3	86				7.2		9.4	0.52
27			770	7620	101	6.3	54	8.8	13300		99				7.2		9.2	0.53
28			797			6.1	54	8.8									9.5	
29			693			5.6	54	8.8		5							9.5	
30			753	7360	102	5.6	53	8.4	18000	4	91				7.4		9.9	0.42
31			690	7320	94	6.4	52	8.7	13800	4	76				7.6		9.7	0.41
Avg.	0.0		720	9145	85	5.8	54	8.7097	19184	3.3	132.4	51.3	10.9				9.1	0.6
Max.	0.022		880	13300	183.41	6.5	56	9.1	26600	5	202	51.3	10.9		7.6		9.9	0.85
Min.	0.002		567	4160	53.14	5	52	7.7	3540	2	73	51.3	10.9		7.1		8	0.4
Daily Max														#NUM!				
# of Days above 235														0				
Data	2	0	31	22	22	31	31	31	22	23	22	1	1	0	22		31	22

Comments for the Month (major repairs, breakdowns, process upsets and their causes, inplant treatment process bypass, etc.):

MONTHLY REPORT OF OPERATION

ACTIVATED SLUDGE TYPE

WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary District WWTP	IN0022829	December	2019

Day Of Month		Day of Week	FINAL EFFLUENT															
			Flow		BOD				Total Suspended Solids				Ammonia				Other	
			Effluent Flow Rate (MGD)	Effluent Flow Weekly Average	CBOD5 - mg/l	CBOD5 - mg/l Weekly Average	CBOD5 - lbs	CBOD5 - lbs/day Weekly Average	Susp. Solids - mg/l	Susp. Solids - mg/l Weekly Average	Susp. Solids - lbs	Susp. Solids - lbs/day Weekly Average	Ammonia - mg/l	Ammonia - mg/l Weekly Average	Ammonia - lbs	Ammonia - lbs/day Weekly Average	Effluent Cyanide, 1677	Oil & Grease (mg/l)
1	Sun	9.9		2		165.23												
2	Mon	9.48		2		158.22		76		6012.4		0.1		7.9111		0.002	2	
3	Tue	12.31		2		205.45		93		9553.6		0.1		10.273			2	
4	Wed	10.34		2		172.57		82		7075.6		0.1		8.6287			2	
5	Thu	11.77		2		196.44		77		7563		0.1		9.8221			2	
6	Fri	8.28						140		9673.5		0.1		6.9097			2	
7	Sat	7.76	9.9771		2		179.58		93.6		7975.6		0.1		8.7088			
8	Sun	9.7		3		242.84												
9	Mon	12.96		2		216.3		57		6164.6		0.1		10.815		0.002	2	
10	Tue	12		2		200.28		118		11817		0.1		10.014			2	
11	Wed	8.3		2		138.53		114		7896		0.1		6.9264			2	
12	Thu	8.04		2		134.19		83		5568.8		0.1		6.7094			2	
13	Fri	10						77		6425.7		0.1		8.345			2	
14	Sat	12	10.429		2.2		186.43		89.8		7574.3		0.1		8.562			
15	Sun	12.05		2		201.11												
16	Mon	11.58		2		193.27		71		6861.1		0.1		9.6635		0.002	2	
17	Tue	10.85		2		181.09		81		7334		0.1		9.0543			2	
18	Wed	8		2		133.52		89		5941.6		0.1		6.676			2	
19	Thu	9		2		150.21		113		8486.9		0.1		7.5105			2	
20	Fri	11.72						95		9291.3		0.1		9.7803			2	
21	Sat	9.2	10.343		2		171.84		89.8		7583		0.1		8.5369			
22	Sun	9.74		2		162.56												
23	Mon	10		2		166.9		57		4756.7		0.1		8.345		0.002	2	
24	Tue	11.67		3		292.16		38		3700.7		0.1		9.7386			2	
25	Wed	11		2		183.59		25		2294.9		0.1		9.1795			2	
26	Thu	11.78		2		196.61		32		3145.7		0.1		9.8304			2	
27	Fri	10						45		3755.3		0.1		8.345			2	
28	Sat	10.77	10.709		2.2		200.36		39.4		3530.6		0.1		9.0877			
29	Sun	12.26		3		306.93												
30	Mon	11.6		2		193.6		43		4162.5		0.1		9.6802		0.002	2	
31	Tue	8.04		2		134.19		44		2952.1		0.1		6.7094			2	
1	Wed	9.19		2		153.381		43		3297.69		0.1		7.66906			2	
2	Thu	11.12		5		463.982		24		2227.11		0.1		9.27964			2	
3	Fri	12.18						32		3252.55		0.72		73.1823			2	
Avg		10.39		2.1		188.08		75.0		6383.3		0.1		8.6758		0.002	2	
Max		12.96	10.709	3	2.2	306.93	200.36	140	93.6	11817	7975.6	0.1	0.1	10.815	9.0877	0.002	2	
Min		7.76	9.9771	2	2	133.52	171.84	25	39.4	2294.9	3530.6	0.1	0.1	6.676	8.5369	0.002	2	
Data		31	4	23	4	23	4	22	4	22	4	22	4	22	4	5	22	

MONTHLY REMOVAL SUMMARY					Total Monthly Flow:
Percent Removal	BOD5	S.S.	Ammonia	Phosphorus	(million gallons) 322.1
Primary Treatment	100.0	NA			
Secondary Treatment	-27436.2	66.8			Percent Capacity
Tertiary Treatment	35.5	43.3			(actual flow/design) 69%
Overall Treatment	94.1	81.2	97.9	79.0	
Phosphorus limit would be 70 % removal. (compliance achieved)					

MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanita	IN0022829	December	2019

Day Of Month	SLUDGE TO Holding Tank		DIGESTER OPERATION											
	Waste Activated Sludge Gal. x 1000	Supernatant Withdrawn Gal. x 1000	0			Supernatant Withdrawn hrs. or Gal. x 1000	Supernatant BOD5 mg/l or NH3-N mg/l	Total Solids in Incoming Sludge - %	Total Solids in Digested Sludge - %	Volatile Solids in Incoming Sludge - %	Volatile Solids in Digested Sludge - %	Digested Sludge Withdrawn hrs. or Gal. x 1000		0
1	98	0	0											
2	104	0												
3	99	0												
4	108	0												
5	102	0												
6	107	0												
7	107	0												
8	103	0												
9	99	0												
10	105	0												
11	103	0												
12	101	0												
13	106	0												
14	98	0												
15	106	0												
16	108	0												
17	105	0												
18	106	0												
19	107	0												
20	98	0												
21	105	0												
22	103	0												
23	105	0												
24	104	0												
25	104	0												
26	108	0												
27	104	0												
28	105	0												
29	101	0												
30	97	0												
31	108	0												
Avg.	103.68													
Max.	108													
Min.	97													
Data	31	31	0	0	0	0	0	0	0	0	0	0	0	0

Once completed, this form should be converted to a pdf document, named appropriately and attached to the corresponding netDMR for submittal.

**MONTHLY REPORT OF OPERATION
ACTIVATED SLUDGE TYPE
WASTEWATER TREATMENT PLANT**

State Form 10829 (R6 / 12-18)

Name of Facility	Permit Number	For Month Of:	Year
East Chicago Sanitary	IN0022829	December	2019
Substitute for State Form 30530			

Day Of Month	Influent Chloride, mg/l	Effluent Chloride, mg/l	Influent Sulfate, mg/l	Effluent Sulfate, mg/l	Influent Nickel, mg/l	Effluent Nickel, mg/l	Influent Zinc, Total Recoverable, mg/l	Effluent Zinc, Total recoverable, mg/l	Influent Cadmium, Total Recoverable, mg/l	Effluent Cadmium, Total Recoverable, mg/l	Influent Lead, Total Recoverable, mg/l	Effluent Lead, Total Recoverable, mg/l	Influent Chromium, Total Recoverable, mg/l	Effluent Chromium, Total Recoverable, mg/l	Influent Copper, Total Recoverable, mg/l	Effluent Copper, Total Recoverable, mg/l
1																
2																
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22	181	195	150	160	0.0089	0.0052	0.153	0.022	0.0006	0.0002	0.012	0.0013	0.0071	0.0008	0.0356	0.0075
23																
24																
25																
26																
27																
28																
29																
30																
31																
1																
2																
3																
Avg.	181	195	150	160	0.0089	0.0052	0.153	0.022	0.0006	0.0002	0.012	0.0013	0.0071	0.0008	0.0356	0.0075
Max.	181	195	150	160	0.0089	0.0052	0.153	0.022	0.0006	0.0002	0.012	0.0013	0.0071	0.0008	0.0356	0.0075
Min.	181	195	150	160	0.0089	0.0052	0.153	0.022	0.0006	0.0002	0.012	0.0013	0.0071	0.0008	0.0356	0.0075
Data	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

EAST CHICAGO SANITARY DISTRICT
East Chicago, Indiana

-Other Workpapers-

SFY 2022 - Clean Water (Large Systems)
Indiana Clean Water State Revolving Fund (CWSRF) Loan Program
SFY 2022 Project Priority List, July 16, 2021, 1st Quarter Final*
Projects Applying for Financial Assistance in State Fiscal Year 2022 (July 1, 2021 - June 30, 2022)
Population 10,000 or Greater

PPL Rank ¹	PPL Score	Participant	MHI ²	Population Served	NPDES No.	SRF Project No.	Project Description	EPA's Sustainability Policy Category ³	Estimated Green Project Reserve Cost	Green Project Reserve Category ⁴	Current User Rate (per 4,000 gallons) ²	Estimated Post-Project User Rate (per 4,000 gallons) ²	Requested Funds	Cumulative Requested Funds	SFY 2022 Fundable Range (\$150 Million)
1	54	Citizens Water Authority, Inc.	\$44,709	903,393	IN0023183	WW16274904	Combined Sewer Plan	1	TBD	CR	\$44.32	TBD	\$50,000,000	\$50,000,000	Fundable Range \$150 Million (Borrowers are eligible for up to \$25 Million at a Subsidized Rate)
2	51	Crown Point	\$76,927	29,850	IN0025763	WW21394506	Combined Sewer Plan	1, 2	TBD	EE	\$31.64	\$47.14	\$42,500,000	\$92,500,000	
3	45	Fort Wayne	\$49,411	270,402	IN0032191	WW21370215	Collection System Improvements	1, 2, 3	TBD	EE	\$49.08	\$49.08	\$140,000,000	\$232,500,000	
4	41	Elkhart	\$40,440	52,308	IN0025674	WW18262004	Combined Sewer Plan	1	TBD	TBD	\$31.05	\$44.00	\$28,800,000	\$261,300,000	
5	41	Hobart Sanitary District	\$58,829	29,758	INR040130	WW21424502	Plant and Collection System Improvements	1	\$0	N/A	\$49.76	TBD	\$56,500,000	\$317,800,000	
6	39	Evansville	\$38,646	118,952	IN0032956	WW21128220	Collection System Improvements	1, 2, 3	TBD	TBD	\$70.15	\$72.00	\$26,300,000	\$344,100,000	
7	38	East Chicago Sanitary District	\$31,907	28,448	IN0622829	WW19244502	Plant and Collection System Improvements	1, 2, 3	TBD	TBD	\$18.26	\$28.60	\$13,000,000	\$357,100,000	
8	38	Connersville	\$34,201	13,164	IN0032336	WW21562103	Collection System Improvements	1, 2, 3	\$0	N/A	\$42.10	TBD	\$17,800,000	\$374,900,000	
9	38	Columbus (Southeast Sanitary Sewer Improvements and Westside Interceptor)	\$63,405	48,150	IN0032573	WW21490306	Collection System Improvements	1	\$0	N/A	\$31.10	\$36.93	\$18,600,000	\$393,500,000	
10	32	South Dearborn Regional Sewer District	\$43,744	15,274	IN0024538	WW21241501	Plant Improvements	1, 2, 3	TBD	TBD	\$46.07	\$67.26	\$15,200,000	\$408,700,000	
11	32	Huntington	\$43,995	17,067	IN0023132	WW21323507	Collection System Improvements	1, 2	\$0	N/A	\$61.26	\$61.83	\$33,000,000	\$441,700,000	
12	25	Indianapolis Department of Public Works	\$23,805	964,582	IN0023183	WW21454908	Collection System Improvements	1, 2, 3	\$0	N/A	\$1.35	\$1.35	\$18,800,000	\$460,500,000	
13	23	Brownsburg	\$70,354	25,264	IN0021245	WW21173204	Collection System Improvements	1	\$0	N/A	\$36.89	Under \$65	\$6,900,000	\$467,400,000	
14	21	Washington	\$40,645	12,609	IN0025658	WW19071402	Collection System Improvements	1, 2, 3	TBD	TBD	\$53.78	\$61.85	\$2,300,000	\$469,700,000	
15	20	Ben Davis Conservancy District	\$40,109	10,473	IN0023183	WW18134901	New Plant	1	\$0	N/A	\$30.00	TBD	\$13,500,000	\$483,200,000	
TOTAL REQUESTED FUNDS - PRELIMINARY ENGINEERING REPORTS (PERs)									\$0		\$483,200,000				

PPL Rank ¹	PPL Score	Participant	MHI ²	Population Served	NPDES No.	SRF Project No.	Project Description	EPA's Sustainability Policy Category ³	Estimated Green Project Reserve Cost	Green Project Reserve Category ⁴	Current User Rate (per 4,000 gallons) ²	Estimated Post-Project User Rate (per 4,000 gallons) ²	Estimated Total Project Cost	Cumulative Total
Application Only		Steuben Lakes Regional Waste District	\$58,279	11,853	IN0061557	WW21637604	Plant Improvements	1	TBD	TBD	\$88.99	\$136.00	\$4,500,000	\$4,500,000
TOTAL REQUESTED FUNDS - APPLICATIONS ONLY									\$0		\$4,500,000			

TOTAL REQUESTED FUNDS - PERs & APPLICATIONS									\$0		\$487,700,000			
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Footnotes:

¹ A community must submit a complete Preliminary Engineering Report to the CWSRF Loan Program in order for the project to be scored and ranked on the Project Priority List (PPL).

² Additional subsidization may be provided to participants who have a low Median Household Income (MHI) and/or high post-project user rates as outlined in the Intended Use Plan (IUP). The amount of the additional subsidization shall be determined and set forth in the financial assistance agreement.

³ EPA's Clean Water and Drinking Water Infrastructure Sustainability Policy. Category 1: projects that are based on a "fix it first" approach that focuses on system upgrade and replacement in existing communities. Category 2: investigations, studies, or plans that improve the technical, managerial, and financial capacity of the assistance recipient to operate, maintain, and replace financed infrastructure. Category 3: preliminary planning, alternatives assessment, and eligible capital projects that reflect the full life cycle costs of infrastructure assets, conserve natural resources, or use alternative approaches to integrate natural or "green" systems into the built environment.

⁴ EE = Energy Efficiency, EI = Environmentally Innovative, GI = Green Infrastructure, WE = Water Efficiency, CR = Climate Resiliency.

* This project priority list was published on July 2, 2021 for a 2-week comment period.

City of East Chicago
Sanitary District
Capital Assets
December 31, 2019

Area	Balance 01/01/19	Increases	Decreases	Balance 12/31/19	Net Book Value
Sanitary District - Business Type Activity					
Land	885,268			885,268	885,268
Construction in Progress	6,708,637	90,050		6,798,687	6,798,687
Capital Assets Not Depreciated	7,593,905	90,050	-	7,683,955	7,683,955
Buildings	25,254,141			25,254,141	
Improvements and Lines	22,723,898	1,189,454	21,797	23,891,555	
Machinery and Equipment	8,672,907	3,175,373	1,057,924	10,790,356	
Subtotal	56,650,946	4,364,827	1,079,721	59,936,052	
Accumulated Depreciation for:					
Buildings	12,912,921	501,312		13,414,233	11,839,908
Improvements and Lines	15,592,730	226,181	21,797	15,797,114	8,094,441
Machinery and Equipment	5,379,698	658,220	971,953	5,065,965	5,724,391
Subtotal	33,885,349	1,385,713	993,750	34,277,312	
Capital Assets Being Depreciated, Net	22,765,597	2,979,114	85,971	25,658,740	
Total Capital Assets	30,359,502	3,069,164	85,971	33,342,695	33,342,695

City of East Chicago
Capitalization of Assets
Land
December 31, 2019

East Chicago - Land			
2019			
Location and Name	size	Year of Acquisition	Historical cost
Sanitary Solids			204,940
Sanitary District*			680,328
Total			885,268
historical costs from 2001 and 2002 Comprehensive Annual Financial Report			
*INDOT acquired 0.513 Acres for Project BRF-226-1 on 06/16/05			
Historical Cost/acre	28,445		

City of East Chicago
Sanitary District
December 31, 2019

East Chicago Sanitary Sewer - Land					
		2019			
location and name		size	year of acquisition		historical cost
Plant Site (acres)		24.43			694,920
per 2001 CAFR					
*Less Acres Acquired		<u>0.513</u>			<u>14,592</u>
Land 12/31/05		23.92			680,328
*INDOT acquired 0.513 Acres for Project BRF-226-1 on 06/16/05					
Historical Cost/acre	28,445				

East Chicago - Sanitary Sewer Plant Buildings				2019		
location name/use address	year of acquisition	historical cost	asset life	ann. dear.	acumen. dear.	net book value
Filter Building	1988	1,741,000	50	34,820	1,114,240	626,760
Blower Building*	1988	100,000	50	2,000	64,000	36,000
Administration	1945	113,240	50	-	113,240	-
Administration Addition	1960	75,300	50	-	75,300	-
Control/Laboratory	1988	1,123,445	50	22,469	719,005	404,440
Chemical Feed/Return Sludge	1988	928,000	50	18,560	593,920	334,080
Screening	1988	886,000	50	17,720	567,040	318,960
De-Watering	1988	1,164,000	50	23,280	744,960	419,040
Garage*	1988	500,000	50	10,000	320,000	180,000
Maintenance	1988	1,032,000	50	20,640	660,480	371,520
I'VE. Clean/Storage	1988	155,000	50	3,100	99,200	55,800
Magoun Ave. Pumping	1997	3,726,000	50	74,520	1,713,960	2,012,040
Canal St. Pumping	1997	3,500,000	50	70,000	1,610,000	1,890,000
Markdown Pumping	1997	175,000	50	3,500	80,500	94,500
Toll Road Pumping*	1997	50,000	50	1,000	23,000	27,000
Adler Pumping	1997	3,461,900	50	69,238	1,592,474	1,869,426
145th St. Pumping*	1997	50,000	50	1,000	23,000	27,000
Michigan Ave. Pumping	1997	3,045,000	50	60,900	1,400,700	1,644,300
North side Pumping	1997	1,400,000	50	28,000	644,000	756,000
Roxana Pumping	1997	162,000	50	3,240	74,520	87,480
		23,387,885		463,987	12,233,539	11,154,346
EC Sanitary Dist- Other Improv.						
WWTP Concrete Pad	2008	22,890	20	1,145	13,734	9,156
WWTP Metal Building	2008	34,377	20	1,719	20,626	13,751
Addition-Rear Roxanna Pump	2009	23,780	20	1,189	13,079	10,701
		81,047		4,052	47,439	33,608
Totals		23,468,932		468,039	12,280,978	11,187,954
Construction in Progress						
145th St. and Alder Pump Station Proj.						
2013		578,017.18				
2014		3,956,268.87				
2015		1,569,923.00				
2016		258,478.17				
2017		142,972.58				
2018		202,976.97				
2019		90,050.00				
Total		6,798,686.77				

City of East Chicago
Sanitary District
Process Equipment
December 31, 2019

East Chicago Sanitary Sewer - Process Equipment					2019			
location name/use address	replacement cost	D.A.	historical cost	asset life	ann. depr.	accum. depr.	net book value	
Influent Building/Headwork 2 bar screens, grit removal, conveyor system, motor control center		1988	584,000	25	-	584,000	-	
Oxidation Ditch/Tank 4 large motors, 4 gear boxes, grit removal equipment		1988	3,085,000	25	-	3,085,000	-	
Clarifiers - 5 at 100 feet diameter an 12 feet depth and motors etc.*	\$5,000,000	1988	3,240,000	25	-	3,240,000	-	
Chemical Feed with 5 pumps and chemical feed and storage*	\$250,000	1988	162,000	25	-	162,000	-	
Sludge Handling with 3 tanks at 70 feet diameter and 24 foot depth and 2 story building and pumps*	\$3,000,000	1960	354,000	25	-	354,000	-	
De-watering with chemical feed equipment and 2 continual belt presses and scum removal equipment and motor control center*	\$700,000	1988	453,600	25	-	453,600	-	
Truck loading area with conveyor*	\$100,000	1988	64,800	25	-	64,800	-	
Filter Building with 6 filters 62 feet by 16 feet*	\$3,000,000	1988	1,944,000	25	-	1,944,000	-	

City of East Chicago
Sanitary District
Process Equipment
December 31, 2019

Blower Building with motor control center, CPU, 3 blowers, pump center, disinfection contact chambers, and dissolved oxygen system*	\$1,500,000	1988	972,000	25	-	972,000	-
Maintenance Facility with storage, hoists, machine shop, diagnostic and electrical*	\$200,000	1988	129,600	25	-	129,600	-
Control Room/Laboratory computer, closed-circuit television, control panels, weather station, Lab/test/sample, main motor control center, computer, and communications*	\$1,000,000	1988	648,000	25	-	648,000	-
two(2) Vulcan Industries Bar Screens with explosion proof electric motors		2009	704,048	25	28,162	309,781	394,267
Serpentix Conveyor (Complete replacement of Sludge Conveyor)		2013	43,413	25	1,737	12,156	31,257
Vulcan Grit Washer Replacement		2013	243,988	25	9,760	68,317	175,671
Goodwin pump*	\$32,000	2000	32,512	5	-	32,512	-
Goodwin pump*	\$32,000	2000	32,512	5	-	32,512	-
Goodwin pump		2008	78,495	5	-	78,495	-
16" 8312 Stage Vertical Propeller Pump		2008	58,650	5	-	58,650	-
Spare 2000 AMP Breaker for Generator		2012	23,800	5	-	23,800	-
Dewatering FYLGT Pump		2013	12,139	5	-	12,139	-
Wastewater Treatment Plant SCADA System		2013	145,317	5	-	145,317	-
totals			13,011,874		39,658	12,410,679	601,195

City of East Chicago
Capitalization of Assets
Buildings
December 31, 2019

City of East Chicago Property Record - Buildings									
2019									
location name/use address	address	dept. or function	gross square feet	year of acquisition	historical cost	asset life	ann. depr.	accum. depr.	net book value
San. Solids Veh. Storage	5400 Cline Ave.	5	20,176	1999	428,393	50	8,568	179,925	248,468
San. Solids Material Storage	5400 Cline Ave.	5	2,900	1995	87,472	50	1,749	43,736	43,736
Transfer Station	2829 Gary Ave.	5	32,852	1972	697,810	50	13,956	669,898	27,912
Transfer Station Garage	2829 Gary Ave.	5	10,774	1998	652,581	50	13,052	287,136	365,445
					1,866,256		37,325	1,180,694	685,562

East Chicago

2019

\$73

Please fill in the shaded information.

10,798,634

If more rows are added please change the total sum equation.

Additions 2019²

Deletions 2019

*Total Project Cost Allocated equally to road, water distribution, and sanitary sewer

City of East Chicago
Capitalization of Assets 2019
Machinery and Equipment
December 31, 2019

	A	B	C	E	G	H	I	J	K
1	City of East Chicago								
2	Property Record Template - Machinery and Equipment								
3									
4			2019						
5									
6	description	dept.	function	year of acquisition	historical cost	asset life	ann. depr.	accum. depr.	net book value
7									
8									
9	Video Security System IR155 (Central Services)	Sanitary District		2011	10,979	5	-	10,979	-
10	Chettah 72 Rider Mower SN-K0900275	Sanitary District		2015	10,053	5	2,011	10,053	-
11	Chettah 72 Rider Mower SN-K0900276	Sanitary District		2015	10,053	5	2,011	10,053	-
12	Chettah 72 Rider Mower SN-K0900277	Sanitary District		2015	10,053	5	2,011	10,053	-
13	Chettah 72 Rider Mower SN-K0900278	Sanitary District		2015	10,053	5	2,011	10,053	-
14	Towmaster Deck Trailer	Sanitary District		2019	13,575	5	2,715	2,715	10,860
15	NPE-6 YD Satellite with Lifter	Sanitary District		2019	26,539	5	5,308	5,308	21,231
16	Skyjet Electric Scissors Lift	Sanitary District		2019	10,784	5	2,157	2,157	8,627
17									
18	totals	Sanitary District			102,090		18,222	61,372	40,718
19									
20	Additions 2019								
21	Towmaster Deck Trailer	Sanitary District		2019	13,575	5	2,715	2,715	10,860
22	NPE-6 YD Satellite with Lifter	Sanitary District		2019	26,539	5	5,308	5,308	21,231
23	Skyjet Electric Scissors Lift	Sanitary District		2019	10,784	5	2,157	2,157	8,627
24									
25	Total Additions 2019				50,898		10,180	10,180	40,718
26									

City of East Chicago (Sanitary District) Property Record Template - Vehicles											
VIN	dept.	2019 function	year of acquisition	historical cost	asset life	ann. depr.	accum. depr.	net book value	MAKE	MODEL	Total Vehicles
1GCHG39U931143159	Solids	Van	2003	25,490	8	-	25,490	-	Chevrolet	3500	1
1HTSCAAR1WH558343	Solids	Garbage-R13	1998	101,100	15	-	101,100	-	International	4700	1
1HTSCAAR6WH558340	Solids	Garbage #7	1998	101,100	15	-	101,100	-	International		1
1GTHK24U23Z125085	Solids	Pickup/#402	2003	31,616	8	-	31,616	-	GMC		1
1GDP7HJMJ513445	Solids	Water Truck	1991	92,440	15	-	92,440	-	GMC	Top Kick	1
1FDWF37S02EC49627	Solids	Dumptruck #900	2003	117,572	15	-	117,572	-	Ford	F350 Super Du	1
1FDWF37S92EC49626	Solids	Dumptruck #901	2003	117,572	15	-	117,572	-	Ford	F350 Super Du	1
1T9FS323X10372080	Solids	Trailer	2000	10,170	8	-	10,170	-	Imperial		1
4MJUB1425VE015115	Solids	Trailer	1997	10,190	8	-	10,190	-		UT-14S	1
4MJUB142XWE016102	Solids	Trailer	1997	10,190	8	-	10,190	-		UT-14S	1
No VIN	Solids	Trailer*	1999	10,090	8	-	10,090	-	Cronkite		1
2459	Solids	Vacuum*	1999	101,603	15	-	101,603	-		101D	1
2425	Solids	Vacuum*	1999	101,603	15	-	101,603	-		101D	1
	Solids	Generator & Trailer*	2000	24,902	8	-	24,902	-	Cummings		1
	Solids	Generator & Trailer*	2000	24,902	8	-	24,902	-	Cummings		1
1FVABXBS14DM16776	Solids	Truck 301	2004	100,697	15	-	100,697	-			1
1FDXH8105VVA42734	Solids	Sweeper 505	1988	109,933	15	-	109,933	-			1
92906002	Solids	Leaf Vac w/Trailer	2006	36,155	8	-	36,155	-	Standard		1
92906001	Solids	Leaf Vac w/Trailer	2006	36,155	8	-	36,155	-	Standard		1
1HTWAAAR48J558579	Solids	Dumptruck08/Pur07 EPOKE#1	2007	160,506	15	10,700	139,105	21,401	International		1
1HTWAAAR28J558578	Solids	Dumptruck08/Pur07 EPOKE#2	2007	160,506	15	10,700	139,105	21,401	International		1
1FVACXS57HX40208	Solids	Loader Lighting Loader	2007	128,853	15	8,590	111,673	17,180	Petersen		1
1GCFG15X371155745	Solids	Van	2007	21,524	8	-	21,524	-	Chevrolet		1
1GCFG15X571128997	Solids	Van	2007	21,524	8	-	21,524	-	Chevrolet		1
1GTHK24K58E134084	Solids	Pickup w/plow prep 219	2008	29,934	8	-	29,934	-	GMC	Sierra	1
1GTHK24K98E105123	Solids	Pickup w/plow prep 219	2008	30,074	8	-	30,074	-	GMC	Sierra	1
1GKDT13S582178177	Solids	SUV 100	2008	32,069	8	-	32,069	-	GMC	Envoy	1
1GTEC14X88Z203834	Solids	Pickup Old 200	2008	17,130	8	-	17,130	-	GMC	Sierra	1
1GTEC14X28Z213632	Solids	Pickup 207	2008	16,577	8	-	16,577	-	GMC	Sierra	1
1GDJC34U97E182106	Solids	Pickup w/plow 07/Pur 09 137	2009	21,074	8	-	21,074	-	GMC	Sierra	1
1FVHC3BS22BDAT6477	Solids	Garbage Truck 311	2011	224,000	15	14,933	134,400	89,600	Best Equip Co	Freightliner	1
1FVACXDT6BDAS7263	Solids	Garbage Truck 309	2011	144,000	15	9,600	86,400	57,600	Best Equip Co	Freightliner	1
1FVACXDTXBDV0691	Solids	Garbage Truck 310	2011	144,000	15	9,600	86,400	57,600	Best Equip Co	Freightliner	1
1HTGBAAR2XH6866648	Solids	Dump Truck 55R6	1999	120,071	15	-	120,071	-	International	2554	1
1FVACXDT1EHFN7010	Solids	Load Truck 308	2013	134,987	15	8,999	62,994	71,993	Freightliner	Chassis	1
1FVHC3BS2CHBN0313	Solids	Garbage Truck 312	2013	238,520	15	15,901	111,309	127,211	Freightliner	Chassis	1
1FVHG5CY7FHGA2291	Solids	Garbage Truck 15/Pur 14 313	2014	238,520	15	15,901	95,408	143,112	Best Equip Co	Freightliner	1
1HTJSSKK4GH111772	Solids	Dump Truck16/Pur 15 140	2015	96,228	15	6,415	32,076	64,152	International	Terrastar	1
1HTJSSKK1FH660389	Solids	Dump Truck 139	2015	95,849	15	6,390	31,950	63,899	International	Terrastar	1
1GD321CG7FZ538037	Solids	Pickup 142	2015	42,701	8	5,338	26,688	16,013	GMC	Sierra	1
1GD321CG1FZ538051	Solids	Pickup 143	2015	42,701	8	5,338	26,688	16,013	GMC	Sierra	1
1GT311CG9FZ531498	Solids	Pickup 500	2015	26,349	8	3,294	16,468	9,881	GMC	Sierra	1
1GD321CGXFZ538405	Solids	Pickup 141	2015	42,701	8	5,338	26,688	16,013	GMC	Sierra	1
1GT321EG3FZ531927	Solids	Pickup 007/206	2015	34,048	8	4,256	21,280	12,768	GMC	Sierra	1
1GD321CG9FZ538010	Solids	Pickup	2015	42,701	8	5,338	26,688	16,013	GMC	Sierra	1
1GT321EG8FZ530983	Solids	Pickup 006	2015	34,048	8	4,256	21,280	12,768	GMC	Sierra	1
3ALACXCY1FDGM2739	Solids	Garbage Truck 305	2015	146,453	15	9,764	48,818	97,635	Freightliner		1
107560	Solids	Skidloader #1	2015	30,961	8	3,870	19,351	11,610	Case	Skidsteer	1
107148	Solids	Skidloader #2	2015	30,961	8	3,870	19,351	11,610	Case	Skidsteer	1
	Solids	Truck	2015	25,866	8	3,233	16,166	9,700		Lift	1

3ALACXDT3GDHG1604	Solids	Garbage Truck R2	2016	175,000	15	11,667	46,667	128,333	Freightliner	Chassis	1
NP41080	Solids	Street Sweeper	2016	209,860	15	13,991	55,963	153,897	Elgin	Pelican	1
NP41086	Solids	Street Sweeper	2016	209,860	15	13,991	55,963	153,897	Elgin	Pelican	1
NP41088	Solids	Street Sweeper	2016	209,860	15	13,991	55,963	153,897	Elgin	Pelican	1
3ALACXFC8JDJK4181	Solids	Garbage Truck	2018	165,782	15	11,052	22,104	143,678	Freightliner	Chassis	1
1FVHCYE3KHKK2164	Solids	Loader Truck19/Pur18	2018	278,898	15	18,593	37,186	241,712	Freightliner	Chassis	1
1FDRF3G69JEC10744	Solids	Pickup	2018	40,723	8	5,090	10,181	30,542	Ford	F-350	1
1FT7W2B6XJEC10748	Solids	Pickup	2018	31,277	8	3,910	7,819	23,458	Ford	F-250	1
1FT7W2B68JEC10747	Solids	Pickup	2018	31,227	8	3,903	7,807	23,420	Ford	F-250	1
1FT7W2B68JEC10750	Solids	Pickup	2018	31,277	8	3,910	7,819	23,458	Ford	F-250	1
1FTFX2E53JFC55904	Solids	Pickup	2018	29,922	8	3,740	7,481	22,442	Ford	F-150	1
1FDRF3H64JEC10746	Solids	Dump Truck	2018	62,933	15	4,196	8,391	54,542	Ford	F-350 Chassis	1
1FDRF3H62JEC10745	Solids	Dump Truck	2018	62,933	15	4,196	8,391	54,542	Ford	F-350 Chassis	1
1FT7W2B61JEC10749	Solids	Pickup	2018	54,821	8	6,853	13,705	41,116	Ford	F-250	1
AHG817152	Solids	Bobcat	2019	75,829	8	9,479	9,479	66,350	Atlas	5600	1
JEEN0621AHF241021	Solids	Wheel Loader	2017	152,000	15	10,133	30,400	121,600	Case	621G Wheel	1
NHM435551	Solids	Skidloader	2018	41,500	8	5,188	10,375	31,125	Case	Skidsteer	1
1FVACXFC4KHKK2166	Solids	Loader	2018	165,782	15	11,052	22,104	143,678	Freightliner	Chassis	1
1FVACYFC4LHKL9945	Solids	Lighting Loader	2019	181,988	15	12,133	12,133	169,856	Freightliner	Chassis	1
1FDUF5HT1KDA17084	Solids	Bucket Truck	2019	118,074	15	7,872	7,872	110,202	Dur-A-Lift	DTAX39	1
3HAEJTAR6LL810883	Solids	Plow Truck 2020/Pur2019	2019	176,964	15	11,798	11,798	165,166	International	HV607	1
3HAEJTAR2LL810895	Solids	Plow Truck 2020/Pur2019	2019	176,964	15	11,798	11,798	165,166	International	HV607	1
3HAEJTAR4LL810896	Solids	Plow Truck 2020/Pur2019	2019	176,964	15	11,798	11,798	165,166	International	HV607	1
3HAEJTAR8LL810884	Solids	Plow Truck 2020/Pur2019	2019	176,964	15	11,798	11,798	165,166	International	HV607	1
3HAEKTATXLL858301	Solids	Water Truck 2020/Pur2019	2019	161,814	15	10,788	10,788	151,026	International	HV607	1
1FT8X3B60KEE67281	Solids	Pickup	2019	47,022	8	5,878	5,878	41,144	Ford	F350 Super Du	1
1FDRF3E6XKEF19594	Solids	Pickup with Graffiti Unit	2019	46,199	8	5,775	5,775	40,424	Ford	F350 Super Du	1
1FT8X3B65KEG09916	Solids	Pickup	2019	43,575	8	5,447	5,447	38,128	Ford	F350 Super Du	1
1FTBF3A65KEE67223	Solids	Pickup	2019	55,853	8	6,982	6,982	48,872	Ford	F350 Super Du	1
1FVACWFC3KHKKM9935	Solids	Garbage Truck	2019	151,280	15	10,085	10,085	141,195	Freightliner	M2 106	1
3ALACWFCXKDKM4365	Solids	Garbage Truck	2019	151,280	15	10,085	10,085	141,195	Freightliner	M2 106	1
3ALACWFC8KDKM4364	Solids	Garbage Truck	2019	151,280	15	10,085	10,085	141,195	Freightliner	M2 106	1
3ALACWFC6KDKM4363	Solids	Garbage Truck	2019	151,280	15	10,085	10,085	141,195	Freightliner	M2 106	1
1000069856	Solids	Cylindrical Rider Scrubber	2019	46,295	8	5,787	5,787	40,508	SC8000		1
8FD35U	Solids	Lift Truck	2019	55,450	8	6,931	6,931	48,519	Toyota	S80324	1
Total Sanitary District				7,837,646		481,680	3,346,662	4,490,984			85
Additions 2019											
AHG817152	Solids	Bobcat	2019	75,829	8	9,479	9,479	66,350	Atlas	5600	1
NHF241021	Solids	Wheel Loader	2017	152,000	15	10,133	30,400	121,600	Case	621G Wheel	1
NHM435551	Solids	Skidloader	2018	41,500	8	5,188	10,375	31,125	Case	Skidsteer	1
1FVACXFC4KHKK2166	Solids	Loader	2018	165,782	15	11,052	22,104	143,678	Freightliner	Chassis	1
1FVACYFC4LHKL9945	Solids	Lighting Loader	2019	181,988	15	12,133	12,133	169,856	Freightliner	Chassis	1
1FDUF5HT1KDA17084	Solids	Bucket Truck	2019	118,074	15	7,872	7,872	110,202	Dur-A-Lift	DTAX39	1
3HAEJTAR6LL810883	Solids	Plow Truck 2020/Pur2019	2019	176,964	15	11,798	11,798	165,166	International	HV607	1
3HAEJTAR2LL810895	Solids	Plow Truck 2020/Pur2019	2019	176,964	15	11,798	11,798	165,166	International	HV607	1
3HAEJTAR4LL810896	Solids	Plow Truck 2020/Pur2019	2019	176,964	15	11,798	11,798	165,166	International	HV607	1
3HAEJTAR8LL810884	Solids	Plow Truck 2020/Pur2019	2019	176,964	15	11,798	11,798	165,166	International	HV607	1
3HAEKTATXLL858301	Solids	Water Truck 2020/Pur2019	2019	161,814	15	10,788	10,788	151,026	International	HV607	1
1FT8X3B60KEE67281	Solids	Pickup	2019	47,022	8	5,878	5,878	41,144	Ford	F350 Super Du	1
1FDRF3E6XKEF19594	Solids	Pickup with Graffiti Unit	2019	46,199	8	5,775	5,775	40,424	Ford	F350 Super Du	1
1FT8X3B65KEG09916	Solids	Pickup	2019	43,575	8	5,447	5,447	38,128	Ford	F350 Super Du	1
1FTBF3A65KEE67223	Solids	Pickup	2019	55,853	8	6,982	6,982	48,872	Ford	F350 Super Du	1
1FVACWFC3KHKKM9935	Solids	Garbage Truck	2019	151,280	15	10,085	10,085	141,195	Freightliner	M2 106	1
3ALACWFCXKDKM4365	Solids	Garbage Truck	2019	151,280	15	10,085	10,085	141,195	Freightliner	M2 106	1
3ALACWFC8KDKM4364	Solids	Garbage Truck	2019	151,280	15	10,085	10,085	141,195	Freightliner	M2 106	1
3ALACWFC6KDKM4363	Solids	Garbage Truck	2019	151,280	15	10,085	10,085	141,195	Freightliner	M2 106	1
1000069856	Solids	Cylindrical Rider Scrubber	2019	46,295	8	5,787	5,787	40,508	SC8000		1
8FD35U	Solids	Lift Truck	2019	55,450	8	6,931	6,931	48,519	Toyota	S80324	1
Total				2,504,358		190,974	227,481	2,276,877			21

Deletions 2019											
1HTGBAAR9XH686646	Solids	Dump Truck 55R4	1999	120,071	15	-	120,071	-	International	2554	1
1HTZZAAR08J558570	Solids	Garbage Truck08/Pur07 #2	2007	123,662	15	8,244	107,174	16,488	International		1
1GDP7HIJ3XMJ513206	Solids	Water Truck	1991	92,440	15	-	92,440	-	GMC	Top Kick	1
1HTZZAAR28J558571	Solids	Garbage Truck08/Pur07 #4	2007	123,662	15	8,244	107,174	16,488	International		1
1337	Solids	Tractor	1997	67,764	15	-	67,764	-	Trackless	TMT133	1
2047	Solids	Tractor	1999	67,099	15	-	67,099	-	Trackless	MT5TD	1
1532	Solids	Tractor	1999	67,099	15	-	67,099	-	Trackless	MT5T	1
1HTSCAAR7WH558346	Solids	Garbage #1	1998	101,100	15	-	101,100	-	International		1
1HTGBAAR7XH686645	Solids	Truck #1*	1999	101,603	15	-	101,603	-	International	2554	1
1HTGBAAR4XH686649	Solids	Truck #2*	1999	101,603	15	-	101,603	-	International	2554	1
1GCGC34R8WZ178615	Solids	Pickup	1998	32,128	8	-	32,128	-	Chevrolet	3500	1
2FTRF18W53CB15873	Solids	Pickup 04/Pur 03	2003	29,000	8	-	29,000	-	Ford		1
	Total			1,027,230		16,488	994,253	32,977			12

City of East Chicago
Capitalization of Assets 2019
Machinery and Equipment
December 31, 2019

	A	B	C	E	G	H	I	J	K
1	City of East Chicago								
2	Property Record Template - Machinery and Equipment								
3									
4			2019						
5									
6	description	dept.	function	year of acquisition	historical cost	asset life	ann. depr.	accum. depr.	net book value
7									
8									
9									
10	Rotary Lift 9,000 lbs.-WW	Sanitary District		2000	15,240	5	-	15,240	-
11	TNT7400 Floor Scrubber with 45" Pad-Wastewater	Sanitary District		2008	33,000	5	-	33,000	-
12	Operation Control Room Console Project-Wastewater	Sanitary District		2008	10,445	5	-	10,445	-
13	Scada System-Weather/Communication Sys-WWW	Sanitary District		2008	12,435	5	-	12,435	-
14	Vantage 4940 Ultrasonic Meter-WWW	Sanitary District		2008	14,500	5	-	14,500	-
15	Roland VP-540i 54" Printer/Cut WW	Sanitary District		2009	19,775	5	-	19,775	-
16	ND213 WK Cutler Hammer w/4 500MCM Lug WW	Sanitary District		2010	10,200	5	-	10,200	-
17	JESCO 1731-42-9811 Hydraulic Actuated Diaphragm	Sanitary District		2010	11,570	5	-	11,570	-
18	Portable Air Compressor Doosan-P185WJD WW	Sanitary District		2011	12,910	5	-	12,910	-
19	Geographic Information System (Land Use Map)-WWW	Sanitary District		2011	16,000	5	-	16,000	-
20	Hach WIMS Software for Pretreatment	Sanitary District		2014	25,788	5	-	25,788	-
21	Avigilon Access Control System-WWW	Sanitary District		2016	18,263	5	3,653	14,610	3,653
22									
23	totals	Sanitary District			200,126		3,653	196,473	3,653
24									
25									

City of East Chicago (Wastewater) Property Record Template - Vehicles												
VIN	dept.	2019 function	year of acquisition	historical cost	asset life	ann. depr.	accum. depr.	net book value	MAKE	MODEL	Total Vehicles	Comments
1GTHK24KX8E122092	Storm Water	Pickup w/plow prep	2008	29,425	8	-	29,425	-	GMC	Sierra	1	#100315
1FT7X2B68KED14217	Storm Water	Pickup w/plow 19/Pur 18	2018	39,766	8	4,971	9,942	29,825	Ford	F-250	1	#105031
1FT7X2B6XKED14218	Storm Water	Pickup w/plow 19/Pur 18	2018	39,766	8	4,971	9,942	29,825	Ford	F-250	1	#105030
Total Storm Water				108,957		9,942	49,308	59,649			3	
473261925V1101627	Wastewater	Trailer	1997	10,190	8	-	10,190	-	Cronkite		1	
512227637	Wastewater	Skidloader	1997	15,285	8	-	15,285	-	Bobcat	763	1	
1FTSF31S64EA38107	Wastewater	Pickup 04/Pur 03	2003	29,000	8	-	29,000	-	Ford		1	
1FTSF31S24EA38105	Wastewater	Pickup 04/Pur 03	2003	29,000	8	-	29,000	-	Ford		1	
1ZFUF16251B003019	Wastewater	Trailer 01/Pur 03	2003	10,000	8	-	10,000	-	International		1	
1GTC5148768226981	Wastewater	Pick Up	2006	16,450	8	-	16,450	-	GMC		1	
1GTC5148168212882	Wastewater	Pick Up	2006	16,450	8	-	16,450	-	GMC		1	
1GBE5C1276F418235	Wastewater	Crane Truck06/Pur07	2007	89,408	15	5,961	77,487	11,921	Chevrolet		1	#152355
DW544JZ610499	Wastewater	Loader	2007	122,000	15	8,133	105,733	16,267	John Deere		1	#154475
1GCEC14X68Z138076	Wastewater	Pick Up08/Pur07	2007	17,943	8	-	17,943	-	Chevrolet	Silverado	1	#100186
1GCEC19X58Z102842	Wastewater	Pick Up08/Pur07	2007	20,749	8	-	20,749	-	Chevrolet	Silverado	1	#100186
1GCEC19X18Z142917	Wastewater	Pick Up08/Pur07	2007	20,749	8	-	20,749	-	Chevrolet	Silverado	1	#100186
5FTDA292371028478	Wastewater	Tag Trailer	2007	15,800	8	-	15,800	-	Felling		1	#154925
WDOPD744965969808	Wastewater	Van06/Pur07	2007	44,690	8	-	44,690	-	Dodge	Sprinter	1	#158021
1GDM8C1312F403816	Wastewater	Crane Truck	2007	134,900	15	8,993	116,913	17,987	GMC	TCBC002	1	#100224
1HTWGAAT88J045829	Wastewater	Vactor Truck	2008	316,829	15	21,122	253,463	63,366	International		1	#100485
IFDXE455X8DA05269	Wastewater	Sewer Inspect Sys Truck	2008	185,301	15	12,353	148,241	37,060	Ford	F-450	1	#100503
1GDJK73K79F127709	Wastewater	Crew Cab Truck w/ladder rack	2009	42,517	8	-	42,517	-	GMC	Sierra	1	#167847
512234944	Wastewater	Bobcat*	1999	22,198	8	-	22,198	-	Ingersollrand	F-Series-763	1	
T0710GX962291	Wastewater	Backhoe Loader	2007	141,000	8	-	141,000	-	John Deer		1	#154475
5FTDA292871027987	Wastewater	Tag Trailer	2007	15,800	8	-	15,800	-	Felling		1	#154925
1T0410KXCEE273100	Wastewater	Backhoe Loader	2015	111,000	8	13,875	69,375	41,625	John Deer	410K	1	#187615
1FVHG3CY0HHHY0717	Wastewater	Vactor Truck	2016	494,163	15	32,944	131,777	362,386	Freightliner	Chassis	1	#103045
1FVHG3FEXLHLB2805	Wastewater	Vactor Truck 2020/Pur2019(1	2019	620,117	15	41,341	41,341	578,776	Freightliner	114SD	1	#103290, 103311
Total Wastewater				2,541,537		144,723	1,412,150	1,129,387			24	
Additions 2019												
1FVHG3FEXLHLB2805	Wastewater	Vactor Truck 2020/Pur2019(1	2019	620,117	15	41,341	41,341	578,776	Freightliner	114SD	1	#103290, 103311
Total				620,117		41,341	41,341	578,776			1	
Deletions 2019- ECWD												
5FNYF183X8B025751	Water	SUV	2008	30,694	8	-	30,694	-		Pilot	1	
Total				30,694		-	30,694	-				

East Chicago Sanitary District Capital Assets Summary

Prepared by: ABW

Date Prepared: 5/11/20

Department (All)

SBOA Pivot

Row Labels	Sum of Net Book	Per Gateway	Variance
Land	885,268.00	885,268.00	-
Building	11,839,907.81	11,839,908.00	(0.19)
Improvement	8,094,442.08	8,094,441.00	1.08
Machinery and Equipment	5,724,390.32	5,724,391.00	(0.68)
CIP	6,798,687.00	6,798,687.00	-
Grand Total	33,342,695.21	33,342,695.00	0.21

Department Wastewater

Row Labels	Sum of Net Book
Building	11,154,346.20
CIP	6,798,687.00
Improvement	8,094,442.08
Land	680,328.00
Machinery and Equipment	1,173,757.45
Grand Total	27,901,560.74

IURC Pivot

Sum of Net Book		Column Labels			
Row Labels	Collection plant	System Pumping Plant	Treatment and Disposal Plant	General Plant	Grand Total
353	885,268.00				885,268.00
354	0.00		2,578,424.62	876,643.98	3,455,068.61
355				0.00	0.00
360	7,058,678.96			400,959.86	7,459,638.83
362	0.00				0.00
364	0.00				0.00
371		15,217,134.00			15,217,134.00
380			601,195.66		601,195.66
390				0.00	0.00
391				5,712,111.53	5,712,111.53
393				8,627.20	8,627.20
394			-0.20		-0.20
395				0.00	0.00
396				0.00	0.00
397				3,651.59	3,651.59
398				0.00	0.00
Grand Total	7,943,946.96	15,217,134.00	3,179,620.08	7,001,994.17	33,342,695.21

Department	Wastewater
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Sum of Historical Cost Row Labels	Column Labels Collection plant	General Plant	System Pumping Plant	Treatment and Disposal Plant	Grand Total
353	680,328.00				680,328.00
Land and Land Rights	680,328.00				680,328.00
354	584,000.00	2,589,585.00		8,979,267.00	12,152,852.00
Structures and Improvements	584,000.00	2,589,585.00		8,979,267.00	12,152,852.00
355		23,800.00			23,800.00
Power Generation Equipment		23,800.00			23,800.00
360	7,808,142.00	2,990,493.00			10,798,635.00
Collection Sewers - Force	7,808,142.00	2,990,493.00			10,798,635.00
362	3,240,000.00				3,240,000.00
Treatment and Disposal Equipment	3,240,000.00				3,240,000.00
364	14,500.00				14,500.00
Flow Measuring Devices	14,500.00				14,500.00
371			22,628,445.00		22,628,445.00
Pumping Equipment			7,058,545.00		7,058,545.00
Structures and Improvements			15,569,900.00		15,569,900.00
380				5,046,049.00	5,046,049.00
Treatment and Disposal Equipment				5,046,049.00	5,046,049.00
390		19,775.00			19,775.00
Office Furniture and Equipment		19,775.00			19,775.00
391		2,581,653.00			2,581,653.00
Transportation Equipment		2,581,653.00			2,581,653.00
393		10,784.00			10,784.00
Tools, Shop and Garage Equipment		10,784.00			10,784.00
394				145,317.00	145,317.00
Laboratory Equipment				145,317.00	145,317.00
395		28,150.00			28,150.00
Power Operated Equipment		28,150.00			28,150.00
396		28,435.00			28,435.00
Communication Equipment		28,435.00			28,435.00
397		138,687.00			138,687.00
miscellaneous equipment		138,687.00			138,687.00
398		64,800.00			64,800.00
Structures and Improvements		64,800.00			64,800.00
Grand Total	12,326,970.00	8,476,162.00	22,628,445.00	14,170,633.00	57,602,210.00

STATE OF INDIANA
DEPARTMENT OF LOCAL GOVERNMENT FINANCE
2021 Budget Order

County: 45 Lake
Unit: 0108 EAST CHICAGO CIVIL CITY

<u>Fund</u>	<u>Fund Name</u>	<u>Certified Budget</u>	<u>Certified AV</u>	<u>Certified Levy</u>	<u>Certified Rate</u>
0101	GENERAL	\$34,417,022	\$2,101,932,825	\$38,049,188	\$1.8102
To fund the 2021 budget, this unit is authorized to transfer \$153,394.00 from the Levy Excess Fund.					
The total appropriations were restricted to the prior year total because the fund was not properly established.					
The total property tax levies were restricted to the prior year total because of improper adoption..					
0283	LEASE RENTAL PAYMENT	\$1,745,000	\$2,101,932,825	\$1,734,095	\$0.0825
Budget approved for displayed amount.					
Rate reduced due to reduction of operating balance according to IC 6-1.1-17-22.					
0341	FIRE PENSION	\$2,352,877	\$2,101,932,825	\$48,344	\$0.0023
Budget has been decreased because projected revenues are insufficient to fund the adopted budget.					
The total property tax levies were restricted to the prior year total because of improper adoption..					
0342	POLICE PENSION	\$3,450,025	\$2,101,932,825	\$0	\$0.0000
Budget has been decreased because projected revenues are insufficient to fund the adopted budget.					
The total property tax levies were restricted to the prior year total because of improper adoption..					
0706	LOCAL ROAD & STREET	\$500,000	\$2,101,932,825	\$0	\$0.0000
The total appropriations were restricted to the prior year total because the fund was not properly established.					
0708	MOTOR VEHICLE HIGHWAY	\$1,475,000	\$2,101,932,825	\$0	\$0.0000
The total appropriations were restricted to the prior year total because the fund was not properly established.					
1110	FIRE EQUIPMENT	\$0	\$2,101,932,825	\$0	\$0.0000
1301	PARK & RECREATION	\$3,500,000	\$2,101,932,825	\$3,136,084	\$0.1492
The total appropriations were restricted to the prior year total because the fund was not properly established.					
The total property tax levies were restricted to the prior year total because of improper adoption..					
2379	CUMULATIVE CAPITAL IMP (CIG TAX)	\$81,984	\$2,101,932,825	\$0	\$0.0000
The total appropriations were restricted to the prior year total because the fund was not properly established.					

2430 REDEVELOPMENT - GENERAL	\$848,000	\$2,101,932,825	\$496,056	\$0.0236
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The total appropriations were restricted to the prior year total because the fund was not properly established.

The total property tax levies were restricted to the prior year total because of improper adoption..

6301 TRANSPORTATION	\$1,610,000	\$2,101,932,825	\$248,028	\$0.0118
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The total appropriations were restricted to the prior year total because the fund was not properly established.

The total property tax levies were restricted to the prior year total because of improper adoption..

Unit Total:	\$49,979,908		\$43,711,795	\$2.0796
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IC 6-1.1-18.5-17 and IC 20-44-3 require that each year the Department of Local Government Finance certify to each unit of local government figures that show one hundred percent (100%) of the tax levy for each fund. If the property taxes received exceed one hundred percent (100%) of the levy, the excess shall be receipted to the "Levy Excess Fund" unless the amount in any calendar year is less than \$100.00 for a civil taxing unit or \$10,000.00 for a school corporation.

East Chicago Sanitary District

Prepared by: B.Gabbard

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Collection Maintenance: Supplies

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Collections - Maintenance:Supplies

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-702-00-00-720150-	OTHER OFFICE SUPPLIES	OTHER OPERATING SUPPLIES	10/03/19	14.97
0606-3-311-702-00-00-720410-	REPAIR & MAINTENANCE SUPPLIES	R & M SUPPLIES	01/17/19	70.50
		R&M SUPPLIES	12/19/19	1,387.73
Grand Total				1,473.20

East Chicago Sanitary District

Prepared by: N.Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Collection Maintenance: Contracutal Services

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Collections - Maintenance:Contractual services - Other

ACCOUNT	ACCOUNT DESC	VENDOR CODE	COMMENT	EFF DATE	CHECK #	Sum of JOURNAL AMOUNT
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	GROUND PENETRATING	CONTRACTUAL SERVICES	12/19/19	106042	1,600.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	GROUND PENETRATING	SRO 160595	12/05/19	106016	125.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HASSE CONSTRUCTION C	JOB NO. 19008-13-600-106	09/05/19	105841	20,777.73
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HASSE CONSTRUCTION C	JOB NO. 19008-14	09/05/19	105841	15,500.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HASSE CONSTRUCTION C	REPAIRS AS NEEDED FOR SANITARY	10/03/19	105910	14,155.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HASSE CONSTRUCTION C	REPAIRS AS NEEDED FOR SANITARY	10/17/19	105941	19,355.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	1104 W. 144TH STREET	06/20/19	105710	4,869.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	3513 HEMLOCK STREET	06/20/19	105710	4,804.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	CONTRACTUAL SERVICES	04/18/19	105599	250.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	CONTRACTUAL SERVICES	05/02/19	105625	11,750.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	CONTRACTUAL SERVICES	06/06/19	105679	4,869.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	CONTRACTUAL SERVICES	07/03/19	105733	5,827.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	CONTRACTUAL SERVICES	07/18/19	105758	2,111.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	CONTRACTUAL SERVICES	10/03/19	105911	6,882.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	HESSIVILLE PLUMBING	REPAIRS AS NEEDED FOR 2018 FOR	01/17/19	105439	4,805.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	IDEM	ANNUAL RENEWAL OF NPDES PERMIT	02/07/19	105469	11,500.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	PATSON INC		11/21/19	105996	1,369.93
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	REPAIR OF CONCRETE & ASPHALT A	04/18/19	105609	4,609.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	REPAIR OF CONCRETE & ASPHALT A	05/16/19	105656	5,652.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	REPAIR OF CONCRETE & ASPHALT A	06/20/19	105717	4,500.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	REPAIR OF CONCRETE & ASPHALT A	07/18/19	105766	2,713.50
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	REPAIR OF CONCRETE & ASPHALT A	08/01/19	105805	1,350.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	REPAIR OF CONCRETE & ASPHALT A	08/15/19	105821	2,700.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	REPAIR OF CONCRETE & ASPHALT A	09/19/19	105885	6,075.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	REPAIR OF CONCRETE & ASPHALT A	10/03/19	105921	6,344.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R R VISUAL INC	LONG RANGE FORCE MAIN INSPECTI	09/05/19	105859	13,042.79
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	R R VISUAL INC	VIDEO INSPECTION	04/18/19	105610	21,997.91
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	SECURITY DOOR INCORP	DOOR REPLACEMENTS	01/17/19	105452	2,104.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	STANDARD EQUIPMENT C	ACCT NO. EASTC006	04/18/19	105611	24,035.15
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	02/07/19	105479	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	04/04/19	105578	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	05/02/19	105634	2,200.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	06/06/19	105689	24,361.80
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	06/20/19	105720	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	07/03/19	105745	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	07/18/19	105769	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	08/01/19	105810	855.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	09/05/19	105863	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	09/19/19	105887	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	10/17/19	105951	21,240.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	11/07/19	105970	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	CONTRACTUAL SERVICES	12/19/19	106055	1,100.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	SERVICE TO REMOVE AND EMPTY SC	01/17/19	105453	1,000.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TIERRA ENVIRONMENTAL	SERVICE TO REMOVE AND EMPTY SC	02/07/19	105479	250.00
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TRAFFIC MANAGEMENT C	TRAFFIC MANAGEMENT SERVICES	06/20/19	105721	225.42
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	TRAFFIC MANAGEMENT C	TRAFFIC MANAGEMENT SERVICES	07/18/19	105770	527.78
0606-3-311-702-00-00-736098-	CONTRACTUAL SERV-OTHER	URBAN ELEVATOR SERVI	CONTRACTUAL SERV	09/19/19	105888	1,275.00
Grand Total						287,508.01

East Chicago Sanitary District

Prepared by: N.Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Collection Maintenance: Supplies
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Collections - Maintenance:Miscellaneous

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	CHECK #	VEND0R CODE	Sum of JOURNAL AMOUNT
0606-3-311-702-00-00-775099-	OTHER MISCELLANEOUS EXPENSES	ACCT. ID 20187	01/17/19	105437	GATEWAY TRIANGLE COR	20.00
		BIANNUAL STATE MANDATED INSPEC	04/18/19	105597	GERTZEN WATER MGMT C	870.00
		CASE NO. 2018-25520-W	04/04/19	105571	IDEM	4,500.00
Grand Total						5,390.00

East Chicago Sanitary District

Prepared by: N.Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Pumping Operations Utilities
Purpose: To look into abnormalities

Baker Tilly Coding Sewer	Pumping - Operations:Utilities
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ACCOUNT	ACCOUNT DESC	VENDOR CODE	COMMENT	EFF DATE	CHECK #	Sum of JOURNAL AMOUNT
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	03/07/19	105518	16,186.68
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	03/21/19	105551	39,079.62
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	05/02/19	105628	23,926.53
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	06/20/19	105714	23,875.17
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	07/18/19	105763	30,566.99
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	08/01/19	105801	22,395.77
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	09/19/19	105882	35,363.12
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	10/17/19	105945	13,780.85
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS	12/05/19	106023	23,239.20
0606-3-311-703-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC AND GAS FOR WASTEWATE	01/17/19	105446	39,000.22
Grand Total						267,414.15

East Chicago Sanitary District

Prepared by: N.Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Treatment and Disposal - Operations: Salaries and Wages
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Salaries and wages

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT			
0606-3-311-705-00-00-701003-	SALARIES & WAGES - REGULAR	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	18,382.94			
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	15,413.20			
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	18,176.36			
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	17,284.64			
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	16,894.00			
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	17,232.64			
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	17,268.64			
		WARRANT=041219 RUN=9 MISC	04/12/19	6,000.00			
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	17,293.36			
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	18,851.57			
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	16,823.90			
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	16,883.84			
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	18,567.08			
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	16,393.10			
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	18,734.50			
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	17,373.48			
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	16,660.25			
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	15,758.09			
		WARRANT=083019 RUN=9 MISC	08/30/19	6,000.00			
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	16,266.86			
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	17,718.02			
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	14,982.60			
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	14,969.49			
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	14,845.49			
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	14,983.47			
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	17,676.29			
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	19,564.33			
		WARRANT=122019 RUN=9 MISC	12/20/19	5,928.52			
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	17,739.53	460,666.19		
		0606-3-311-705-00-00-701006-	SALARIES & WAGES - OVERTIME	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	7,810.82	
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	5,694.52	
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	2,506.06	
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	3,112.69	
WARRANT=030819 RUN=1 BI-WEEKL	03/08/19			4,476.40			
WARRANT=032219 RUN=1 BI-WEEKL	03/22/19			6,686.94			
WARRANT=040519 RUN=1 BI-WEEKL	04/05/19			4,092.80			
WARRANT=041819 RUN=1 BI-WEEKL	04/18/19			4,634.80			
WARRANT=050319 RUN=1 BI-WEEKL	05/03/19			2,327.64			
WARRANT=051719 RUN=1 BI-WEEKL	05/17/19			5,673.12			
WARRANT=053119 RUN=1 BI-WEEKL	05/31/19			6,908.86			
WARRANT=061419 RUN=1 BI-WEEKL	06/14/19			6,995.45			
WARRANT=062819 RUN=1 BI-WEEKL	06/28/19			6,097.59			
WARRANT=071219 RUN=1 BI-WEEKL	07/12/19			4,730.29			
WARRANT=072619 RUN=1 BI-WEEKL	07/26/19			5,848.68			
WARRANT=080919 RUN=1 BI-WEEKL	08/09/19			8,717.48			
WARRANT=082319 RUN=1 BI-WEEKL	08/23/19			6,603.11			
WARRANT=090619 RUN=1 BI-WEEKL	09/06/19			8,348.14			
WARRANT=092019 RUN=1 BI-WEEKL	09/20/19			4,996.03			
WARRANT=100419 RUN=1 BI-WEEKL	10/04/19			7,668.37			
WARRANT=101819 RUN=1 BI-WEEKL	10/18/19			8,321.66			
WARRANT=110119 RUN=1 BI-WEEKL	11/01/19			7,437.78			
WARRANT=111519 RUN=1 BI-WEEKL	11/15/19			6,859.15			
WARRANT=112719 RUN=1 BI-WEEKL	11/27/19			5,380.03			
WARRANT=121319 RUN=1 BI-WEEKL	12/13/19			5,824.49			
WARRANT=122719 RUN=1 BI-WEEKL	12/27/19			5,642.54	153,395.44		
Grand Total				614,061.63			

East Chicago Sanitary District

Prepared by: N.Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment and Disposal - Operations: Workers Comp

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Worker's compensation

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-704110-	WORKER'S COMPENSATION	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	225.00
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	225.00
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	250.00
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	250.00
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	252.19
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	250.00
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	250.00
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	250.00
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	250.00
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	250.00
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	250.00
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	250.00
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	250.00
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	250.00
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	250.00
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	250.00
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	250.00
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	250.00
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	250.00
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	250.00
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	225.00
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	225.00
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	250.00
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	250.00
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	250.00
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	250.00
Grand Total				6,402.19

East Chicago Sanitary District

Prepared by: N.Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment and Disposal - Operations: Health & Life

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Insurance - health/life

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-704050-	EMPLOYER'S INS HEALTH/ACCIDENT	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	5,394.33
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	5,394.33
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	5,993.70
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	5,993.70
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	6,081.45
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	5,993.70
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	5,993.70
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	5,993.70
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	5,993.70
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	5,993.70
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	5,993.70
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	5,993.70
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	5,993.70
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	5,993.70
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	5,993.70
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	5,993.70
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	5,993.70
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	5,993.70
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	5,993.70
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	5,993.70
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	5,394.33
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	5,394.33
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	5,993.70
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	5,993.70
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	5,993.70
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	5,993.70
0606-3-311-705-00-00-704060-	EMPLOYER'S GROUP INSURAN/LIFE	WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	0.44
Grand Total				153,526.91

East Chicago Sanitary District

Prepared by: N.Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Treatment and Disposal - Operations: Pension & Benefits
Purpose: To look into abnormalities

Baker Tilly Coding Sewer	Treatment and Disposal - Operations:Pensions and benefits
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ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT		
0606-3-311-705-00-00-704010-	EMPLOYER'S SOCIAL SECURITY	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	1,620.91		
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	1,305.57		
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	1,279.23		
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	1,261.52		
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	1,340.20		
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	1,479.93		
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	1,321.30		
		WARRANT=041219 RUN=9 MISC	04/12/19	372.00		
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	1,356.45		
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	1,310.00		
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	1,391.73		
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	1,475.15		
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	1,581.76		
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	1,391.33		
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	1,451.72		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	1,436.66		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	1,570.33		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	1,383.30		
		WARRANT=083019 RUN=9 MISC	08/30/19	372.00		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	1,523.03		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	1,405.17		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	1,401.26		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	1,440.96		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	1,378.45		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	1,351.14		
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	1,429.50		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	1,757.01		
		WARRANT=122019 RUN=9 MISC	12/20/19	367.57		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	1,446.58		
		0606-3-311-705-00-00-704020-	EMPLOYER'S MEDICARE	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	379.08
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	305.35
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	299.16
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	295.03
WARRANT=030819 RUN=1 BI-WEEKL	03/08/19			313.44		
WARRANT=032219 RUN=1 BI-WEEKL	03/22/19			346.12		
WARRANT=040519 RUN=1 BI-WEEKL	04/05/19			309.01		
WARRANT=041219 RUN=9 MISC	04/12/19			87.00		
WARRANT=041819 RUN=1 BI-WEEKL	04/18/19			317.21		
WARRANT=050319 RUN=1 BI-WEEKL	05/03/19			306.40		
WARRANT=051719 RUN=1 BI-WEEKL	05/17/19			325.49		
WARRANT=053119 RUN=1 BI-WEEKL	05/31/19			344.98		
WARRANT=061419 RUN=1 BI-WEEKL	06/14/19			369.95		
WARRANT=062819 RUN=1 BI-WEEKL	06/28/19			325.37		
WARRANT=071219 RUN=1 BI-WEEKL	07/12/19			339.50		
WARRANT=072619 RUN=1 BI-WEEKL	07/26/19			336.03		
WARRANT=080919 RUN=1 BI-WEEKL	08/09/19			367.23		
WARRANT=082319 RUN=1 BI-WEEKL	08/23/19			323.52		
WARRANT=083019 RUN=9 MISC	08/30/19			87.00		
WARRANT=090619 RUN=1 BI-WEEKL	09/06/19			356.19		
WARRANT=092019 RUN=1 BI-WEEKL	09/20/19			328.63		
WARRANT=100419 RUN=1 BI-WEEKL	10/04/19			327.71		
WARRANT=101819 RUN=1 BI-WEEKL	10/18/19			337.01		
WARRANT=110119 RUN=1 BI-WEEKL	11/01/19			322.37		
WARRANT=111519 RUN=1 BI-WEEKL	11/15/19			315.99		
WARRANT=112719 RUN=1 BI-WEEKL	11/27/19			334.31		
WARRANT=121319 RUN=1 BI-WEEKL	12/13/19			410.93		
WARRANT=122019 RUN=9 MISC	12/20/19			85.97		
WARRANT=122719 RUN=1 BI-WEEKL	12/27/19			338.31		
0606-3-311-705-00-00-704030-	EMPLOYER'S PERF			WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	2,933.69
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	2,364.06
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	2,316.45
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	2,284.49
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	2,393.47		
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	2,678.99		
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	2,392.47		
		WARRANT=041219 RUN=9 MISC	04/12/19	672.00		
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	2,455.96		
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	2,372.08		
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	2,519.68		
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	2,664.79		
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	2,863.00		
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	2,518.96		
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	2,628.05		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	2,600.88		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	2,842.31		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	2,504.45		
		WARRANT=083019 RUN=9 MISC	08/30/19	672.00		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	2,756.87		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	2,543.98		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	2,536.90		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	2,608.60		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	2,495.72		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	2,446.36		
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	2,582.31		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	2,843.54		
		WARRANT=122019 RUN=9 MISC	12/20/19	663.99		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	2,618.78		
		0606-3-311-705-00-00-704040-	UNEMPLOYMENT COMPENSATION	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	235.74
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	189.98
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	186.14
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	143.46
WARRANT=030819 RUN=1 BI-WEEKL	03/08/19			54.45		
WARRANT=032219 RUN=1 BI-WEEKL	03/22/19			22.65		
WARRANT=040519 RUN=1 BI-WEEKL	04/05/19			16.90		
WARRANT=041219 RUN=9 MISC	04/12/19			5.40		
WARRANT=041819 RUN=1 BI-WEEKL	04/18/19			0.28		
0606-3-311-705-00-00-704070-	CLOTHING ALLOWANCE	WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	300.00		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	3,000.00		
Grand Total				120,065.88		

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Treatment & Disposal Operations chemicals
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Chemicals

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT	
0606-3-311-705-00-00-718000-	CHEMICALS	CHEMICAL NEEDED FOR 2019	03/07/19	3,520.00	
			12/05/19	3,168.00	
		CHEMICALS	07/03/19	1,620.00	
		CHEMICALS FOR WWTP	01/17/19	1,017.12	
		CHEMICALS NEEDED FOR 2019	03/21/19	6,320.40	
			06/06/19	6,320.40	
			10/17/19	6,320.40	
		CHEMICALS NEEDED FOR WTP FOR	05/16/19	6,586.65	
			08/01/19	6,466.11	
			12/19/19	6,486.20	
		Grand Total			47,825.28

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal Operations supplies

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Supplies

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT		
0606-3-311-705-00-00-720223-	TIRES AND TUBES	TIRES AND TUBES	03/07/19	150.00		
			05/02/19	1,111.16		
			05/16/19	53.00		
			06/06/19	311.51		
			09/05/19	308.00		
			10/03/19	58.00		
			10/17/19	150.00		
			11/07/19	903.88		
			10/17/19	1,374.02		
			0606-3-311-705-00-00-720225-	OTHER GARAGE & MOTOR SUPPLIES	TIRES FOR WWTP VEHICLES AS NEE	10/17/19
CREDIT	07/18/19	(27.00)				
GARAGE AND MOTOR SUPPLIES	09/19/19	562.52				
	10/03/19	229.03				
	11/21/19	24.66				
	12/05/19	159.99				
SUPPLIES AS NEEDED FOR 2019	02/21/19	810.54				
	03/21/19	642.62				
	05/16/19	29.48				
	06/20/19	116.26				
	07/18/19	243.50				
	08/01/19	60.72				
	10/03/19	456.90				
	09/05/19	527.44				
0606-3-311-705-00-00-720990-	OTHER OPERATING SUPPLIES	OTHER OPERATING SUPPLIES			01/17/19	203.00
					11/21/19	212.90
					12/05/19	262.50
		OTHER OPERATING SUPPLIES FOR 2	10/03/19	738.60		
			10/17/19	568.10		
			11/07/19	503.45		
		OTHER OPERATING SUPPLIES NEEDE	02/21/19	64.50		
			03/21/19	147.00		
			06/06/19	52.70		
			08/01/19	154.90		
			08/15/19	84.00		
			10/03/19	83.90		
		Grand Total				11,331.78

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal Operations sludge removal

Purpose: To look into abnormalities

Baker Tilly Coding Sewer	Treatment and Disposal - Operations:Sludge removal
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ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-711000-	SLUDGE REMOVAL EXPENSE	BIOSOLIDS HAULING & DISPOSAL F	04/18/19	21,330.92
			05/02/19	26,588.12
			06/06/19	14,730.56
			07/03/19	20,105.80
			08/01/19	11,892.40
			09/05/19	13,054.08
			10/03/19	11,290.24
			10/17/19	11,533.08
			12/05/19	12,195.56
		BIOSOLIDS HAULING AND DISPOSAL	02/07/19	7,556.72
			03/21/19	6,232.43
			04/18/19	14,403.22
			Grand Total	

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal Operations Utilities

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Utilities

ACCOUNT	ACCOUNT DESC	VENDOR CODE	COMMENT	EFF DATE	CHECK #	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	02/07/19	105476	34,111.57
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	02/21/19	105499	42,906.75
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	03/07/19	105518	42,333.06
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	03/21/19	105551	42,756.14
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	05/16/19	105650	39,751.71
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	07/03/19	105738	47,978.47
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	07/18/19	105763	46,869.12
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	08/15/19	105818	95,112.70
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	09/19/19	105882	43,369.61
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	10/17/19	105945	40,822.48
0606-3-311-705-00-00-715010-	ELECTRIC	NIPSCO	ELECTRIC &	11/21/19	105995	44,921.76
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	02/07/19	105476	11,035.42
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	02/21/19	105499	6,660.50
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	03/07/19	105518	8,910.80
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	03/21/19	105551	7,945.97
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	05/16/19	105650	5,370.14
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	07/03/19	105738	3,194.77
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	07/18/19	105763	1,804.91
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	08/15/19	105818	925.49
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	09/19/19	105882	752.75
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	10/17/19	105945	375.49
0606-3-311-705-00-00-715020-	GAS	NIPSCO	ELECTRIC &	11/21/19	105995	196.75
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	18626	03/07/19	105510	323.36
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	18626	03/21/19	105537	534.99
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	18626	05/16/19	105639	365.47
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	18626	06/06/19	105673	316.44
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	18626	09/05/19	105835	278.27
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	ACCT NO, :	08/01/19	105786	272.80
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	ACCT NO. :	04/04/19	105564	325.64
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	ACCT NO. :	07/03/19	105729	269.23
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	ACCT NO. :	10/03/19	105904	276.41
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	ACCT NO. :	11/07/19	105959	290.59
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	ACCT NO. :	12/05/19	106011	289.29
0606-3-311-705-00-00-715040-	WATER	DEPARTMENT OF WATER	WATER FE	01/17/19	105433	574.99
Grand Total						572,223.84

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Treatment & Disposal Operations contractual services other
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Contractual services - Other

ACCOUNT	ACCOUNT DESC	VENDOR CODE	COMMENT	EFF DATE	CHECK #	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	AUSTGEN ELECTRIC IN	AUTOMATION CONSULTING	01/17/19	105428	2,805.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	AUSTGEN ELECTRIC IN	JOB NO. 150109	04/18/19	105586	330.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	AUTOMATION & CONTROL	CONTRACTUAL SERVICES	11/21/19	105978	9,255.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	02/07/19	105468	24.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	03/21/19	105542	4.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	04/04/19	105567	64.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	05/02/19	105623	32.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	06/06/19	105676	24.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	06/20/19	105709	44.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	08/01/19	105793	48.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	09/05/19	105840	32.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	10/17/19	105940	32.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	GATEWAY TRIANGLE COR	ACCT ID: 20187	11/21/19	105987	20.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	KONECRANES INC		09/05/19	105846	3,732.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	KONECRANES INC	EMERGENCY CONTRACTUAL SERV	09/05/19	105845	557.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	MECHANICAL CONCEPTS	JOB NO. 2985	01/17/19	105444	10,480.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	PRO PUMP	REBUILD OF SUCTION PLATE & STI	07/18/19	105765	4,738.00
0606-3-311-705-00-00-736098-	CONTRACTUAL SERV-OTHER	SAFETY KLEEN SYSTEMS	DISPOSAL OF USED OIL	07/03/19	105742	100.50
Grand Total						32,321.50

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal Operations contractual services Lab testing

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Contractual services - testing

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-735090-	CONTRACTUAL SERV-TESTING	ACCT CODE: EAS001	04/18/19	6,480.00
			05/16/19	4,118.00
		SAMPLE TESTING	03/07/19	7,921.50
		SAMPLE TESTING FOR INDUSTRIAL	02/07/19	3,505.50
			06/20/19	4,281.00
			08/01/19	3,915.76
			10/03/19	7,378.36
			12/05/19	2,399.49
			12/19/19	3,244.60
Grand Total				43,244.21

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal Operations uniform rental

Purpose: To look into abnormalities

Baker Tilly Coding Sewer	Treatment and Disposal - Operations:Uniform rental
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ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-743709-	UNIFORM RENTAL	ACCT NO. 11250	02/21/19	233.66
			03/07/19	209.32
			04/04/19	168.32
			05/02/19	171.72
			06/06/19	171.72
			07/03/19	191.03
			08/01/19	171.72
			09/05/19	182.82
			09/19/19	174.20
			10/17/19	174.20
			11/21/19	174.20
			12/19/19	174.20
		MONTHLY FEE FOR UNIFORM RENTAL	01/17/19	207.37
Grand Total				2,404.48

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal Operations repairs

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Repairs and maintenance

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-750605-	VEHICLE REPAIRS & MAINTENANCE	1FM5K8AR9EGA33441	04/18/19	1,845.30
		R & M AS NEEDED FOR 2019	03/21/19	50.00
			04/04/19	213.88
			04/18/19	1,072.45
			05/16/19	105.00
			06/06/19	1,398.97
			06/20/19	2,183.02
			08/01/19	83.00
			09/05/19	621.04
			10/03/19	705.24
			11/21/19	115.00
			12/19/19	1,102.67
		REPAIR PARTS	11/21/19	1,471.82
		VEHICLE REPAIR AND MAINTENANCE	03/21/19	1,298.99
			05/02/19	78.00
			06/20/19	155.00
			09/05/19	384.85
			09/19/19	1,668.60
			12/05/19	1,099.50
		VEHICLE REPAIRS	03/21/19	107.42
			04/04/19	291.02
			05/02/19	196.50
			05/16/19	40.40
			12/19/19	2,888.46
			WD0PD744965969808	06/06/19
0606-3-311-705-00-00-775602-	REPAIR & MAINTENANCE EQUIPMENT	FLYGT IMPELLER AND SUBMERSIBLE	06/20/19	10,256.13
		REPAIR AND MAINTENANCE EQUIPME	04/18/19	6,086.88
		REPAIR AND MAINTENANCE SERVICE	03/21/19	1,925.00
Grand Total				40,329.39

East Chicago Sanitary District
Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Treatment & Disposal Operations education
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Operations:Education

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-705-00-00-775091-	EDUCATION	REIMBURSEMENT	07/18/19	30.00
		REIMBURSEMENT FOR CONTINUING E	08/01/19	50.00
Grand Total				80.00

East Chicago Sanitary District
Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Treatment & Disposal maintenance wages
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Maintenance:Salaries and wages

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT		
0606-3-311-706-00-00-701003-	SALARIES & WAGES - REGULAR	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	14,137.68		
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	14,494.41		
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	14,471.14		
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	14,494.40		
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	14,469.77		
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	14,494.40		
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	14,297.29		
		WARRANT=041219 RUN=9 MISC	04/12/19	4,200.00		
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	14,578.96		
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	14,780.00		
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	14,545.92		
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	14,578.97		
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	14,578.96		
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	14,578.96		
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	14,772.10		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	14,578.96		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	14,739.06		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	14,556.18		
		WARRANT=083019 RUN=9 MISC	08/30/19	4,200.00		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	14,207.68		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	13,008.23		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	11,319.46		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	12,248.34		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	11,505.22		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	11,998.62		
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	12,828.18		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	14,282.71		
		WARRANT=122019 RUN=9 MISC	12/20/19	3,750.00		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	14,303.57		
		0606-3-311-706-00-00-701006-	SALARIES & WAGES - OVERTIME	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	662.49
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	811.84
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	1,661.84
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	1,626.89
WARRANT=030819 RUN=1 BI-WEEKL	03/08/19			1,650.24		
WARRANT=032219 RUN=1 BI-WEEKL	03/22/19			2,716.67		
WARRANT=040519 RUN=1 BI-WEEKL	04/05/19			2,297.69		
WARRANT=041819 RUN=1 BI-WEEKL	04/18/19			1,519.49		
WARRANT=050319 RUN=1 BI-WEEKL	05/03/19			447.73		
WARRANT=051719 RUN=1 BI-WEEKL	05/17/19			468.52		
WARRANT=053119 RUN=1 BI-WEEKL	05/31/19			522.54		
WARRANT=061419 RUN=1 BI-WEEKL	06/14/19			394.42		
WARRANT=071219 RUN=1 BI-WEEKL	07/12/19			1,591.66		
WARRANT=072619 RUN=1 BI-WEEKL	07/26/19			189.72		
WARRANT=080919 RUN=1 BI-WEEKL	08/09/19			699.59		
WARRANT=082319 RUN=1 BI-WEEKL	08/23/19			1,880.11		
WARRANT=090619 RUN=1 BI-WEEKL	09/06/19			1,040.24		
WARRANT=092019 RUN=1 BI-WEEKL	09/20/19			90.26		
WARRANT=100419 RUN=1 BI-WEEKL	10/04/19			189.72		
WARRANT=101819 RUN=1 BI-WEEKL	10/18/19			1,620.61		
WARRANT=110119 RUN=1 BI-WEEKL	11/01/19			979.16		
WARRANT=111519 RUN=1 BI-WEEKL	11/15/19			71.15		
WARRANT=112719 RUN=1 BI-WEEKL	11/27/19			209.46		
WARRANT=121319 RUN=1 BI-WEEKL	12/13/19			235.86		
WARRANT=122719 RUN=1 BI-WEEKL	12/27/19			225.29		
Grand Total				398,802.36		

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal maintenance health insurance

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Maintenance:Insurance - health/life

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-706-00-00-704050-	EMPLOYER'S INS HEALTH/ACCIDENT	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	4,195.59
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	4,195.59
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	4,195.59
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	4,195.59
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	4,322.87
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	4,195.59
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	4,195.59
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	4,195.59
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	4,195.59
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	4,195.59
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	4,195.59
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	4,195.59
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	4,055.62
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	4,114.37
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	4,195.59
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	4,195.59
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	4,195.59
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	4,195.59
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	4,195.59
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	4,064.82
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	4,195.59
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	4,195.59
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	4,195.59
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	4,195.59
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	4,195.59
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	4,195.59
0606-3-311-706-00-00-704060-	EMPLOYER'S GROUP INSURAN/LIFE	WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	0.42
Grand Total				108,861.08

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal maintenance pension and benefits

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Maintenance:Pensions and benefits

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT		
0606-3-311-706-00-00-704010-	EMPLOYER'S SOCIAL SECURITY	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	905.93		
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	937.27		
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	988.56		
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	989.85		
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	1,004.65		
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	1,055.39		
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	1,017.20		
		WARRANT=041219 RUN=9 MISC	04/12/19	260.40		
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	986.41		
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	932.43		
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	919.21		
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	936.29		
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	916.65		
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	892.42		
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	1,003.00		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	903.95		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	945.50		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	1,007.37		
		WARRANT=083019 RUN=9 MISC	08/30/19	260.40		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	933.69		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	800.39		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	706.13		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	852.20		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	766.37		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	740.66		
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	808.35		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	1,018.65		
		WARRANT=122019 RUN=9 MISC	12/20/19	232.50		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	889.09		
		0606-3-311-706-00-00-704020-	EMPLOYER'S MEDICARE	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	211.86
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	219.22
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	231.19
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	231.50
				WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	234.96
				WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	246.82
				WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	237.90
				WARRANT=041219 RUN=9 MISC	04/12/19	60.90
				WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	230.69
				WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	218.08
				WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	214.96
				WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	218.98
				WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	214.36
				WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	208.72
WARRANT=071219 RUN=1 BI-WEEKL	07/12/19			234.58		
WARRANT=072619 RUN=1 BI-WEEKL	07/26/19			211.41		
WARRANT=080919 RUN=1 BI-WEEKL	08/09/19			221.11		
WARRANT=082319 RUN=1 BI-WEEKL	08/23/19			235.61		
WARRANT=083019 RUN=9 MISC	08/30/19			60.90		
WARRANT=090619 RUN=1 BI-WEEKL	09/06/19			218.35		
WARRANT=092019 RUN=1 BI-WEEKL	09/20/19			187.19		
WARRANT=100419 RUN=1 BI-WEEKL	10/04/19			165.13		
WARRANT=101819 RUN=1 BI-WEEKL	10/18/19			199.32		
WARRANT=110119 RUN=1 BI-WEEKL	11/01/19			179.21		
WARRANT=111519 RUN=1 BI-WEEKL	11/15/19			173.23		
WARRANT=112719 RUN=1 BI-WEEKL	11/27/19			189.04		
WARRANT=121319 RUN=1 BI-WEEKL	12/13/19			238.25		
WARRANT=122019 RUN=9 MISC	12/20/19			54.37		
WARRANT=122719 RUN=1 BI-WEEKL	12/27/19			207.94		
0606-3-311-706-00-00-704030-	EMPLOYER'S PERF			WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	1,657.63
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	1,714.32
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	1,806.91
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	1,805.59
				WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	1,805.46
				WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	1,927.66
				WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	1,858.64
				WARRANT=041219 RUN=9 MISC	04/12/19	470.40
				WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	1,803.03
				WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	1,705.51
				WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	1,681.62
				WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	1,691.38
				WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	1,677.02
				WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	1,632.85
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	1,832.74		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	1,654.09		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	1,729.13		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	1,840.86		
		WARRANT=083019 RUN=9 MISC	08/30/19	470.40		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	1,707.76		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	1,467.04		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	1,289.03		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	1,553.32		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	1,398.27		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	1,351.80		
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	1,460.22		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	1,626.07		
		WARRANT=122019 RUN=9 MISC	12/20/19	420.00		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	1,627.24		
		0606-3-311-706-00-00-704040-	UNEMPLOYMENT COMPENSATION	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	133.21
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	137.77
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	145.21
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	111.32
				WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	35.98
				WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	24.63
		0606-3-311-706-00-00-704070-	CLOTHING ALLOWANCE	WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	10.38
				WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	300.00
				WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	2,100.00
		Grand Total				78,031.18

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal maintenance workers comp

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Maintenance:Worker's compensation

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	REF3	Sum of JOURNAL AMOUNT
0606-3-311-706-00-00-704110-	WORKER'S COMPENSATION	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	1011119	175.00
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	1012519	175.00
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	1020819	175.00
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	1022219	175.00
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	1030819	177.12
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	1032219	175.00
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	1040519	175.00
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	1041819	175.00
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	1050319	175.00
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	1051719	175.00
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	1053119	175.00
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	1061419	175.00
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	1062819	169.16
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	1071219	171.61
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	1072619	175.00
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	1080919	175.00
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	1082319	175.00
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	1090619	175.00
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	1092019	1,339.31
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	1100419	1,832.85
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	1101819	1,838.30
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	1110119	1,838.30
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	1111519	1,838.30
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	1112719	1,339.31
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	1121319	175.00
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	1122719	175.00
Grand Total					13,519.26

East Chicago Sanitary District
Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Treatment & Disposal maintenance supplies
Purpose: To look into abnormalities

Baker Tilly Coding Sewer		Treatment and Disposal - Maintenance-Supplies				
ACCOUNT	ACCOUNT DESC	VENDOR CODE	COMMENT	EFF DATE	CHECK #	Sum of JOURNAL AMOUNT
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	BEARING SERVICE COMP	R&M SUPP	04/04/19	105561	522.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	BEARING SERVICE COMP	R&M SUPP	04/18/19	105587	286.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	BEARING SERVICE COMP	R&M SUPP	06/20/19	105696	93.53
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	C M PIPE SUPPLY CO	R & M SUP	08/01/19	105782	1,381.60
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	01/17/19	105431	88.35
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	02/21/19	105484	52.80
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	05/02/19	105618	55.40
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	06/06/19	105668	553.53
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	06/20/19	105698	348.94
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	07/03/19	105725	1,260.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	07/18/19	105754	139.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	08/15/19	105814	82.80
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	09/05/19	105832	5.88
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	R & M SUP	10/03/19	105898	189.84
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	REPAIR AN	09/05/19	105832	411.02
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	REPAIR AN	09/19/19	105868	80.70
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	REPAIR AN	10/17/19	105933	240.20
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	REPAIR AN	12/05/19	106005	24.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET ELECTRIC SUP	REPAIR AN	12/19/19	106033	2.77
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET LUMBER INC	ACCT NO. C	06/20/19	105699	145.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CALUMET LUMBER INC	R & M SUP	07/03/19	105726	36.50
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CE SOILING ASSOCIATES	R & M SUP	10/17/19	105934	2,786.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	CLEAR EDGE FILTRATIO	R & M SUP	08/15/19	105815	2,440.39
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	COLUMBIA LOCK KEY	R &M SUPP	03/07/19	105509	8.98
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	COLUMBIA LOCK KEY	R &M SUPP	04/18/19	105592	25.40
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	COLUMBIA LOCK KEY	R &M SUPP	10/03/19	105903	24.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	ENGLEWOOD ELECTRICAL	R & M SUP	08/01/19	105788	1,496.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	ENGLEWOOD ELECTRICAL	REPAIR AN	12/19/19	106038	1,276.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	FASTENAL	R & M SUP	04/18/19	105595	990.20
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	FASTENAL	R & M SUP	06/20/19	105705	3.50
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	FASTENAL	R & M SUP	07/03/19	105730	234.58
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	FASTENAL	R & M SUP	09/19/19	105874	18.87
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	FASTENAL	R & M SUP	10/17/19	105937	39.94
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	FASTENAL	R & M SUP	12/19/19	106039	12.53
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	G J AUTOMOTIVE PAR	REPAIR & A	12/05/19	106014	527.85
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	GASVODA ASSOCIATES	REPAIR AN	12/05/19	106015	592.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	GRIFFIN SUPPLY INC	REPAIR AN	07/18/19	105757	1,014.88
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	R & M SUP	01/17/19	105438	412.13
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	R&M SUPP	03/07/19	105513	349.36
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	R&M SUPP	03/21/19	105544	1,461.52
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	R&M SUPP	04/04/19	105569	166.15
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	R&M SUPP	04/18/19	105598	871.93
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	SUPPLIES A	05/16/19	105645	193.81
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	SUPPLIES A	06/06/19	105678	326.38
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	SUPPLIES A	09/05/19	105842	619.41
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HD SUPPLY FACILITIES	SUPPLIES A	12/05/19	106017	342.35
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HESSVILLE CABLE SLIN	R & M SUP	12/19/19	106044	340.53
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	HOSE CONNECTION INC	REPAIR AN	07/03/19	105734	2,510.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	J L FASTENERS INC	R & M SUP	11/07/19	105963	599.20
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	JM INDUSTRIES	R & M SUP	10/03/19	105912	650.94
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	JOHNSTONE SUPPLY	R & M SUP	05/16/19	105646	16.57
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	JOHNSTONE SUPPLY	R & M SUP	10/03/19	105913	148.85
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	KROOSWYK TRUCKING	R & M SUP	09/05/19	105848	245.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	01/17/19	105442	357.20
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	02/07/19	105471	53.89
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	02/21/19	105496	150.88
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	03/07/19	105515	20.27
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	03/21/19	105547	47.96
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	04/04/19	105572	22.45
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	04/18/19	105604	351.68
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	05/02/19	105626	26.99
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	05/16/19	105648	227.43
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	06/06/19	105680	16.03
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	06/20/19	105712	150.96
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	07/03/19	105735	41.92
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	08/01/19	105796	39.88
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	09/05/19	105849	174.42
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	10/03/19	105914	56.99
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	11/07/19	105965	63.45
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	11/21/19	105993	198.17
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	LINDYS ACE HARDWARE	R & M SUP	12/05/19	106020	63.45
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	MENARDS INC	ACCT NO. 3	12/19/19	106049	262.36
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	MILLS ELECTRIC CO IN	SUPPLIES A	03/21/19	105550	263.50
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	MILLS ELECTRIC CO IN	SUPPLIES A	06/06/19	105682	138.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	MILLS ELECTRIC CO IN	SUPPLIES A	08/01/19	105800	35.65
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	MILLS ELECTRIC CO IN	SUPPLIES A	09/05/19	105853	253.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	MILLS ELECTRIC CO IN	SUPPLIES A	10/03/19	105917	268.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	MILLS ELECTRIC CO IN	SUPPLIES A	11/07/19	105967	398.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	SECURITY DOR INCORP	REPAIR & A	08/01/19	105806	258.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	TEMPSTRAS SALES S	R&M SUPP	11/21/19	105999	341.30
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	TLC CONTROLS	REPAIR AN	10/03/19	105925	498.49
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	UV SUPERSTORE INC	R & M SUP	05/16/19	105658	948.76
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	UV SUPERSTORE INC	REPAIR AN	07/18/19	105771	1,077.52
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	VULCAN INDUSTRIES IN	R & M SUP	04/04/19	105579	1,190.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	BD18669B3	09/05/19	105865	174.60
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	03/07/19	105525	253.75
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	05/02/19	105635	16.60
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	05/16/19	105659	1,140.80
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	06/06/19	105690	57.29
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	06/20/19	105722	693.34
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	07/03/19	105747	330.32
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	07/18/19	105772	1,472.78
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	07/18/19	105773	932.05
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	08/01/19	105811	30.79
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	09/05/19	105865	183.58
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	09/19/19	105889	67.81
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	11/07/19	105971	727.50
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	ACCT NO. 8	12/19/19	106056	704.54
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	R & M SUP	12/05/19	106029	22.54
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	W W GRAINGER	R&M SUPP	10/03/19	105926	44.92
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	WORLD DATA PRODUCTS	REPAIR & A	11/21/19	106001	1,972.00
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	ZEP MANUFACTURING CO	R & M SUP	01/17/19	105456	82.24
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	ZEP MANUFACTURING CO	R&M SUPP	07/18/19	105774	277.35
0606-3-311-706-00-00-720410-	REPAIR & MAINTENANC	ZEP MANUFACTURING CO	R&M SUPP	11/07/19	105973	355.13
0606-3-311-706-00-00-720420-	REPAIR PARTS	AVT SEALING SOLUTION	REPAIR PAI	06/06/19	105664	1,128.65
0606-3-311-706-00-00-720420-	REPAIR PARTS	BEARING SERVICE COMP	REPAIR PAI	06/20/19	105696	1,088.31
0606-3-311-706-00-00-720420-	REPAIR PARTS	FLOW TECHINCS	PROPRIETA	06/20/19	105707	1,582.83
0606-3-311-706-00-00-720420-	REPAIR PARTS	GASVODA ASSOCIATES	REPAIR PAI	07/18/19	105756	13,472.00
0606-3-311-706-00-00-720420-	REPAIR PARTS	INDUSTRIAL REPAIR SE	REPAIRS TC	09/05/19	105843	590.16
0606-3-311-706-00-00-720420-	REPAIR PARTS	LEEPS SUPPLY COMPANY	REPAIR PAI	02/21/19	105495	21.41
0606-3-311-706-00-00-720420-	REPAIR PARTS	LEEPS SUPPLY COMPANY	REPAIR PAI	03/21/19	105546	1,131.90
0606-3-311-706-00-00-720420-	REPAIR PARTS	LEEPS SUPPLY COMPANY	REPAIR PAI	10/17/19	105943	11.02
0606-3-311-706-00-00-720420-	REPAIR PARTS	LEEPS SUPPLY COMPANY	REPAIR PAI	11/21/19	105991	262.80
0606-3-311-706-00-00-720420-	REPAIR PARTS	MILLS ELECTRIC CO IN	REPAIR & A	11/07/19	105967	1,104.40
0606-3-311-706-00-00-720420-	REPAIR PARTS	MILNE SUPPLY COMPANY	REPAIR PAI	07/18/19	105761	906.00
0606-3-311-706-00-00-720420-	REPAIR PARTS	STANDARD EQUIPMENT C	REPAIR PAI			

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal maintenance contractual services other

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Maintenance:Contractual services - Other

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-706-00-00-736098-	CONTRACTUAL SERV-OTHER	*EMERGENCY* CALL OUT TO SERVIC	05/16/19	673.17
		EMERGENCY SERVICE OF HEATING	02/21/19	984.00
		ANNUAL OSHA SERVICE, PM, & INS	07/18/19	1,650.00
		CONTRACTUAL SERVICES	04/18/19	506.24
			05/02/19	3,307.00
			06/06/19	250.00
			09/05/19	427.00
			10/03/19	411.00
		LAWN CUTTING SERVICES FOR 2019	06/06/19	6,300.00
			06/20/19	3,150.00
			07/03/19	3,150.00
			07/18/19	3,150.00
			08/01/19	3,150.00
			08/15/19	3,150.00
			09/05/19	3,150.00
			09/19/19	1,575.00
			10/03/19	4,725.00
			10/17/19	3,150.00
			11/07/19	3,150.00
			11/21/19	3,150.00
			12/19/19	4,725.00
Grand Total				53,883.41

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Treatment & Disposal maintenance contractual services other

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Maintenance:Uniform rental

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-706-00-00-743709-	UNIFORM RENTAL	ACCT NO. 11250	02/21/19	201.11
			03/07/19	146.64
			04/04/19	144.32
			05/02/19	144.32
			06/06/19	144.32
			07/03/19	144.32
			08/01/19	144.32
			09/05/19	144.32
			09/19/19	144.32
			10/17/19	144.32
			11/21/19	144.32
			12/19/19	144.32
		MONTHLY FEE FOR UNIFORM RENTAL	01/17/19	241.86
Grand Total				2,032.81

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Treatment & Disposal maintenance Repair and maintenance
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Treatment and Disposal - Maintenance:Repairs and maintenance

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-706-00-00-775602-	REPAIR & MAINTENANCE EQUIPMENT	REPAIR PARTS AND EQUIPMENT	01/17/19	2,643.75
Grand Total				2,643.75

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Customer Accounts Contractual Services - other
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Customer Accounts:Contractual services - Other

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	VEND0R CODE	Sum of JOURNAL AMOUNT
0606-3-311-707-00-00-736098-	CONTRACTUAL SERV-OTHER	CUST ACCT REIM 01/19 - 06/2019	09/27/19	DEPARTMENT OF WATER	119,305.58
		CUST ACCT REIMB JULY19-DEC19	12/31/19	DEPARTMENT OF WATER	115,722.37
Grand Total					235,027.95

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Administration salaries and wages
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Salaries and wages

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT		
0606-3-311-708-00-00-701003-	SALARIES & WAGES - REGULAR	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	9,959.22		
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	10,343.84		
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	10,063.79		
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	10,148.28		
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	10,216.54		
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	10,242.54		
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	10,236.05		
		WARRANT=041219 RUN=9 MISC	04/12/19	2,525.00		
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	10,420.67		
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	10,522.32		
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	10,277.89		
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	10,431.33		
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	10,431.32		
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	10,515.32		
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	10,434.82		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	10,532.82		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	10,574.82		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	10,784.82		
		WARRANT=083019 RUN=9 MISC	08/30/19	2,650.00		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	10,914.32		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	10,921.26		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	10,921.26		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	10,893.32		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	10,900.32		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	10,893.32		
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	10,900.32		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	10,914.32		
		WARRANT=122019 RUN=9 MISC	12/20/19	2,650.00		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	10,851.33		
		0606-3-311-708-00-00-701006-	SALARIES & WAGES - OVERTIME	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	14.48
				WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	28.97
				WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	62.51
				WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	29.55
WARRANT=080919 RUN=1 BI-WEEKL	08/09/19			41.67		
WARRANT=090619 RUN=1 BI-WEEKL	09/06/19			31.25		
WARRANT=100419 RUN=1 BI-WEEKL	10/04/19			314.75		
WARRANT=110119 RUN=1 BI-WEEKL	11/01/19			41.67		
WARRANT=111519 RUN=1 BI-WEEKL	11/15/19			71.22		
WARRANT=112719 RUN=1 BI-WEEKL	11/27/19			135.76		
WARRANT=121319 RUN=1 BI-WEEKL	12/13/19			41.67		
0606-3-311-708-00-00-703003-	SALARIES & WAGES - BOARD MEMB			WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	990.10
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	990.10		
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	990.10		
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	990.10		
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	990.10		
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	990.10		
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	990.10		
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	990.10		
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	990.10		
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	990.10		
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	990.10		
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	990.10		
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	990.10		
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	990.10		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	990.10		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	990.10		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	990.10		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	990.10		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	990.10		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	990.10		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	990.10		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	792.08		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	792.08		
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	792.08		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	792.08		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	792.08		
		Grand Total				307,637.16

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Administration Health insurance
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Insurance - health/life

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-708-00-00-704050-	EMPLOYER'S INS HEALTH/ACCIDENT	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	2,500.00
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	2,500.00
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	2,500.00
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	2,500.00
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	2,284.97
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	2,500.00
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	2,500.00
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	2,500.00
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	2,500.00
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	2,500.00
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	2,500.00
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	2,500.00
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	2,500.00
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	2,500.00
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	2,500.00
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	2,500.00
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	2,500.00
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	2,500.00
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	2,500.00
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	2,500.00
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	3,099.37
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	4,099.37
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	599.37
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	599.37
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	599.37
0606-3-311-708-00-00-704060-	EMPLOYER'S GROUP INSURAN/LIFE	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	20.00
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	20.00
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	20.00
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	20.00
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	19.14
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	20.00
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	20.00
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	20.00
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	20.00
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	20.00
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	20.00
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	20.00
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	20.00
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	20.00
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	20.00
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	20.00
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	20.00
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	20.00
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	20.00
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	20.00
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	20.00
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	20.00
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	20.00
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	20.00
		Grand Total		

East Chicago Sanitary District

Prepared by: N. Dragsich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Administration Pension and benefits
Purpose: To look into abnormalities

Baker Tilly Coding Sewer		Administrative and General:Pensions and benefits			
ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT	
0606-3-311-708-00-00-704010-	EMPLOYER'S SOCIAL SECURITY	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	656.97	
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	679.92	
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	662.55	
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	667.80	
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	675.77	
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	673.65	
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	673.23	
		WARRANT=041219 RUN=9 MISC	04/12/19	156.55	
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	688.54	
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	691.00	
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	675.83	
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	708.15	
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	685.34	
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	690.55	
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	685.56	
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	693.47	
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	696.81	
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	707.28	
		WARRANT=083019 RUN=9 MISC	08/30/19	164.30	
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	717.22	
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	715.72	
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	735.23	
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	713.98	
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	704.72	
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	703.21	
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	733.34	
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	702.68	
		WARRANT=122019 RUN=9 MISC	12/20/19	164.30	
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	696.18	
		0606-3-311-708-00-00-704020-	EMPLOYER'S MEDICARE	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19
WARRANT=012519 RUN=1 BI-WEEKL	01/25/19			159.05	
WARRANT=020819 RUN=1 BI-WEEKL	02/08/19			154.96	
WARRANT=022219 RUN=1 BI-WEEKL	02/22/19			156.16	
WARRANT=030819 RUN=1 BI-WEEKL	03/08/19			158.02	
WARRANT=032219 RUN=1 BI-WEEKL	03/22/19			157.58	
WARRANT=040519 RUN=1 BI-WEEKL	04/05/19			157.43	
WARRANT=041219 RUN=9 MISC	04/12/19			36.62	
WARRANT=041819 RUN=1 BI-WEEKL	04/18/19			161.02	
WARRANT=050319 RUN=1 BI-WEEKL	05/03/19			161.61	
WARRANT=051719 RUN=1 BI-WEEKL	05/17/19			158.09	
WARRANT=053119 RUN=1 BI-WEEKL	05/31/19			165.60	
WARRANT=061419 RUN=1 BI-WEEKL	06/14/19			160.27	
WARRANT=062819 RUN=1 BI-WEEKL	06/28/19			161.50	
WARRANT=071219 RUN=1 BI-WEEKL	07/12/19			160.36	
WARRANT=072619 RUN=1 BI-WEEKL	07/26/19			162.17	
WARRANT=080919 RUN=1 BI-WEEKL	08/09/19			162.96	
WARRANT=082319 RUN=1 BI-WEEKL	08/23/19			165.40	
WARRANT=083019 RUN=9 MISC	08/30/19			38.42	
WARRANT=090619 RUN=1 BI-WEEKL	09/06/19			167.78	
WARRANT=092019 RUN=1 BI-WEEKL	09/20/19			167.38	
WARRANT=100419 RUN=1 BI-WEEKL	10/04/19			171.94	
WARRANT=101819 RUN=1 BI-WEEKL	10/18/19			166.95	
WARRANT=110119 RUN=1 BI-WEEKL	11/01/19			164.85	
WARRANT=111519 RUN=1 BI-WEEKL	11/15/19			164.45	
WARRANT=112719 RUN=1 BI-WEEKL	11/27/19			171.52	
WARRANT=121319 RUN=1 BI-WEEKL	12/13/19			164.32	
WARRANT=122019 RUN=9 MISC	12/20/19			38.42	
WARRANT=122719 RUN=1 BI-WEEKL	12/27/19			162.85	
0606-3-311-708-00-00-704030-	EMPLOYER'S PERF			WARRANT=011119 RUN=1 BI-WEEKL	01/11/19
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	1,091.90	
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	1,070.36	
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	1,070.36	
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	1,073.60	
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	1,070.36	
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	1,070.36	
		WARRANT=041219 RUN=9 MISC	04/12/19	268.80	
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	1,098.76	
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	1,096.96	
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	1,078.21	
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	1,096.96	
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	1,096.96	
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	1,095.78	
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	1,096.96	
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	1,100.27	
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	1,101.63	
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	1,207.90	
		WARRANT=083019 RUN=9 MISC	08/30/19	296.80	
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	1,225.90	
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	1,223.18	
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	1,258.43	
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	1,220.05	
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	1,225.50	
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	1,228.03	
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	1,236.03	
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	1,227.07	
		WARRANT=122019 RUN=9 MISC	12/20/19	296.80	
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	1,215.34	
		0606-3-311-708-00-00-704040-	UNEMPLOYMENT COMPENSATION	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19
WARRANT=012519 RUN=1 BI-WEEKL	01/25/19			93.09	
WARRANT=020819 RUN=1 BI-WEEKL	02/08/19			88.71	
WARRANT=022219 RUN=1 BI-WEEKL	02/22/19			36.34	
WARRANT=030819 RUN=1 BI-WEEKL	03/08/19			22.47	
WARRANT=032219 RUN=1 BI-WEEKL	03/22/19			15.64	
WARRANT=040519 RUN=1 BI-WEEKL	04/05/19			15.58	
WARRANT=041219 RUN=9 MISC	04/12/19			6.53	
WARRANT=041819 RUN=1 BI-WEEKL	04/18/19			15.71	
WARRANT=050319 RUN=1 BI-WEEKL	05/03/19			10.70	
WARRANT=051719 RUN=1 BI-WEEKL	05/17/19			5.86	
WARRANT=053119 RUN=1 BI-WEEKL	05/31/19			5.73	
WARRANT=061419 RUN=1 BI-WEEKL	06/14/19			5.73	
WARRANT=062819 RUN=1 BI-WEEKL	06/28/19			6.58	
WARRANT=071219 RUN=1 BI-WEEKL	07/12/19			5.76	
WARRANT=072619 RUN=1 BI-WEEKL	07/26/19			3.31	
Grand Total				53,768.36	

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Administration Gasoline
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Oil and gasoline

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT		
0606-3-311-708-00-00-720221-	GASOLINE	DIESEL FUEL NEEDED FOR 2018	01/17/19	1,514.40		
		DIESEL FUEL NEEDED FOR 2019	07/03/19	306.72		
			08/01/19	2,792.82		
			09/05/19	4,721.65		
			09/19/19	1,255.25		
			10/17/19	900.00		
		GASOLINE 2Q2019	10/03/19	5,605.11		
		GASOLINE 3Q2019	11/07/19	6,202.26		
		GASOLINE 4Q2018	02/07/19	6,972.20		
		GASOLINE1Q2019	06/06/19	5,792.52		
		Grand Total				36,062.93

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Administration Other miscellaneous
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Miscellaneous

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-708-00-00-775099-	OTHER MISCELLANEOUS EXPENSES	BANK ACCT ANALYSIS NOV19-DEC19	12/31/19	30.00
		INDIANA FINANCE AUTHORITY 2019	12/05/19	(1,000.00)
		INDIANA FINANCE AUTHORITY TRUS	12/02/19	1,000.00
			12/05/19	1,000.00
		MIS EXPENSES	09/05/19	125.00
			12/05/19	12.12
		MISC EXPENSES	11/21/19	25.68
		STATE NO. 248073	05/02/19	25.00
0606-3-311-708-00-00-775301-	PRINTING	PRINTING NEEDS FOR SANITARY DI	08/01/19	202.50
Grand Total				1,420.30

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Administration Supplies

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Supplies

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-708-00-00-720120-	STATIONERY AND PRINTING	PRINTING SERVICES	10/17/19	29.00
			11/07/19	17.00
0606-3-311-708-00-00-720150-	OTHER OFFICE SUPPLIES	2019 2ND QTR PAPER REIMBURSEME	07/03/19	84.00
		COMPUTER SUPPLIES	03/07/19	360.00
			08/01/19	550.00
			10/17/19	174.32
		COMPUTER SUPPLIES 2019	10/14/19	(174.32)
		PAPER	04/18/19	168.00
			10/03/19	84.00
			12/19/19	84.00
		RECEIPT BOOKS REIMB	02/21/19	37.23
		ACCT NO. 10316	02/21/19	974.41
			03/07/19	503.34
			03/21/19	471.07
0606-3-311-708-00-00-720990-	OTHER OPERATING SUPPLIES		04/04/19	202.77
			06/06/19	300.57
			06/20/19	471.07
		OCT-DEC 2018 POSTAGE REIMB	02/21/19	37.95
		POSTAGE	10/03/19	61.90
0606-3-311-708-00-00-775020-	POSTAGE		11/07/19	82.95
		POSTAGE 1Q2019	06/06/19	171.98
Grand Total				4,691.24

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: ____

Date reviewed: ____

Source: Munis Account Detail History Report

Account: Administration Contractual services other

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Contractual services - Other

ACCOUNT	ACCOUNT DESC	VENDOR CODE	COMMENT	EFF DATE	CHECK #	Sum of JOURNAL AMOUNT
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	AAA VALLEY FIRE EQUI	ANNUAL SERVICES REQUIRED FOR F	07/18/19	105748	1,437.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	ATN TECHNOLOGY INCOR	CONTRACTUAL SERVICES	03/21/19	105532	604.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	ATN TECHNOLOGY INCOR	CONTRACTUAL SERVICES	08/01/19	105780	632.50
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	ATN TECHNOLOGY INCOR	CONTRACTUAL SERVICES	09/19/19	105867	215.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	BOYLES SUPERIOR CAR	CONTRACTUAL SERVICES - CARPET	07/18/19	105752	225.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	CDW LLC	CONTRACTUAL SERVICES	12/05/19	106006	4,125.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	ENGLEWOOD ELECTRICAL	TECHCONNECT SUPPORT RENEWAL	09/19/19	105873	1,244.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	02/21/19	105490	277.50
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	03/07/19	105511	247.20
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	03/21/19	105541	219.20
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	04/04/19	105566	241.60
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	05/02/19	105622	219.20
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	05/16/19	105643	236.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	06/06/19	105675	500.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	07/03/19	105731	488.80
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	08/01/19	105790	224.80
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	08/15/19	105816	210.40
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	09/05/19	105838	264.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	09/19/19	105875	264.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	10/03/19	105908	252.80
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	10/17/19	105939	567.20
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	11/07/19	105960	325.60
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	11/21/19	105985	297.60
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	COURT REPORTING SERVICES FOR S	12/19/19	106041	258.40
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	FISSINGER & ASSOCIAT	TRANSCRIPTION SERVICES	01/17/19	105436	414.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	GERTZEN WATER MGMT C	BIANNUAL STATE MANDATED INSPE	07/03/19	105732	870.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	HAMMOND FENCE CO OF	CONTRACTUAL SERVICES	05/02/19	105624	1,050.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	ACCT NO. 1278644	01/17/19	105441	337.25
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	ACCT NO. 1278644	02/07/19	105470	74.12
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	02/21/19	105494	106.17
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	03/21/19	105545	154.80
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	04/18/19	105603	304.22
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	05/16/19	105648	160.07
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	06/20/19	105711	122.33
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	08/01/19	105795	106.26
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	09/05/19	105847	180.71
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	09/19/19	105879	302.39
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	11/07/19	105964	174.32
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	11/21/19	105990	219.46
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	KONICA MINOLTA BUSIN	CONTRACTUAL	12/19/19	106047	292.80
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	MECHANICAL CONCEPTS	CONTRACTUAL SERVICES	12/19/19	106048	3,325.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	MECHANICAL CONCEPTS	ECHIWWT	03/21/19	105548	1,800.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	01/17/19	105447	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	02/21/19	105500	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	06/06/19	105683	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	07/03/19	105739	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	08/01/19	105803	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	09/05/19	105854	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	10/03/19	105918	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	12/05/19	106024	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 100694	12/19/19	106051	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 6490	03/07/19	105519	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 6490	04/04/19	105574	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	PAULA J MOLEND	ACCT NO. 6490	05/16/19	105651	180.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	Q MATION INC	SCADA SYSTEM	09/05/19	105857	8,389.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	CONTRACTUAL SERVICE	06/20/19	105717	150.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	CONTRACTUAL SERVICE	07/03/19	105741	350.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	CONTRACTUAL SERVICE	08/01/19	105805	300.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	CONTRACTUAL SERVICE	09/05/19	105858	2,250.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	CONTRACTUAL SERVICE	09/19/19	105885	450.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	CONTRACTUAL SERVICE	10/17/19	105948	750.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	R & D CONSTRUCTION	CONTRACTUAL SERVICE	11/21/19	105997	750.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	SALVADOR BALDERAS	CONTRACTUAL SERVICES	01/17/19	105451	2,400.00
0606-3-311-708-00-00-736098-	CONTRACTUAL SERV-OTHER	VERMILLION SYSTEMS I	ACCT NO. IN1299B	08/15/19	105823	310.00
Grand Total						41,829.70

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Administration Contract svcs engineering

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Contractual services - engineering

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-708-00-00-731020-	CONTRACTUAL SERV-ENGINEERING	PROFESSIONAL ENGINEERING SERVI	02/07/19	461.79
			03/21/19	3,227.61
			04/18/19	293.42
			06/06/19	440.13
			09/05/19	2,071.72
			10/03/19	2,241.73
			10/17/19	5,175.43
		PROJECT NO. 18-0016	06/20/19	3,024.65
			08/01/19	1,305.20
			12/19/19	3,514.89
		PROJECT NO. 597100.9802	07/18/19	7,965.00
		PROJECT: 18-0016-16	11/21/19	1,844.91
Grand Total				31,566.48

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Administration Contract svcs legal
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Contractual services - legal

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT	
0606-3-311-708-00-00-733010-	CONTRACTUAL SERV-LEGAL	CONTRACTUAL SERVICE LEGAL	02/21/19	4,125.00	
			03/21/19	1,200.00	
			05/02/19	937.50	
			06/06/19	900.00	
			07/03/19	4,237.50	
			08/01/19	1,687.50	
			09/05/19	2,887.50	
			10/17/19	1,087.50	
			11/21/19	8,654.01	
			12/05/19	6,962.19	
			LEGAL SERVICES FOR SANITARY WA	01/17/19	3,375.00
		Grand Total			

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Administration Contract sves accounting
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Contractual services - accounting

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	VENDOR CODE	Sum of JOURNAL AMOUNT
0606-3-311-708-00-00-732070-	CONTRACTUAL SERV-ACCOUNTING	ACCOUNTING SERVICES FOR SANITA	03/07/19	BILLER FINANCIAL SER	200.00
			03/21/19	BILLER FINANCIAL SER	900.00
			04/18/19	BILLER FINANCIAL SER	225.00
			06/20/19	BILLER FINANCIAL SER	1,025.00
			07/18/19	BILLER FINANCIAL SER	300.00
			09/05/19	BILLER FINANCIAL SER	1,600.00
			10/03/19	BILLER FINANCIAL SER	1,575.00
			10/17/19	BILLER FINANCIAL SER	1,950.00
			11/21/19	BILLER FINANCIAL SER	2,025.00
		ACCT NO. E00075.SEW1	06/06/19	H J UMBAUGH ASSOCIAT	12,770.00
		ACCT NO. E00075.SEW8	06/06/19	H J UMBAUGH ASSOCIAT	6,415.00
		AUDIT REPORT B53020-ANNUAL 201	10/17/19	INDIANA STATE BOARD	3,278.00
		CONTRACTUAL SERVICES 2018	01/17/19	BILLER FINANCIAL SER	2,351.25
		FINANCIAL ADVISORY & ACCOUNTIN	08/01/19	BAKER TILLY VIRCHOW	2,355.00
		PROJECT NO. 1277830	07/18/19	BAKER TILLY VIRCHOW	5,555.00
Grand Total					42,524.25

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Administration Building and equip rental

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Rental of equipment

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT	
0606-3-311-708-00-00-741707-	RENTAL OF BLDG/REAL PROPERTY	ANNUAL LICENCE FEE FOR ENCROAC	09/05/19	6,220.79	
		LEASE OF CANAL STREET PUMP STA	02/07/19	3,382.60	
		RENTAL OF BUILDING/ REAL PROPE	02/21/19	302.20	
			04/18/19	259.35	
			07/18/19	331.40	
			09/19/19	767.16	
			12/19/19	590.20	
		0606-3-311-708-00-00-742702-	RENTAL OF EQUIPMENT	RENTAL OF EQUIPMENT	02/21/19
	03/07/19			189.99	
	03/21/19			89.90	
	04/18/19			81.20	
	05/16/19			89.90	
	06/20/19			87.00	
	07/18/19			89.90	
	08/15/19			87.00	
	09/19/19			89.90	
	10/17/19			89.90	
RENTAL OF EQUIPMENT AS NEEDED	01/17/19			87.00	
Grand Total				12,925.29	

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Administration telephone

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Administrative and General:Telephone

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT	
0606-3-311-708-00-00-775040-	TELEPHONE	ACCT NO. 219 R47-2802 135 0	06/06/19	2,352.15	
			06/20/19	2,352.15	
		ACCT NO. 219 R47-2802 142 7	04/18/19	2,352.15	
			08/01/19	2,352.15	
			09/05/19	2,352.15	
		ACCT NO. 219 R47-2803 135 0	02/07/19	7,516.64	
			02/21/19	3,758.32	
			03/21/19	4,693.03	
			04/18/19	2,340.88	
			06/06/19	2,340.88	
			06/20/19	2,340.88	
			08/01/19	2,340.88	
			09/05/19	2,340.88	
			11/07/19	5,850.14	
			ACCT NO. 287276691378	02/07/19	61.42
				02/21/19	61.42
				03/21/19	58.48
		04/18/19		58.48	
		05/16/19		58.48	
		06/20/19		27.24	
		07/18/19		58.48	
		08/15/19		58.48	
		09/19/19		58.48	
		10/17/19		58.48	
		11/21/19		58.48	
		12/19/19		58.48	
			TELEPHONE 1Q2019	06/06/19	1,416.55
			TELEPHONE 2Q2019	10/03/19	1,440.59
			TELEPHONE 3Q2019	11/07/19	1,395.66
	TELEPHONE 4Q2018	02/21/19	1,422.92		
Grand Total				51,635.40	

East Chicago Sanitary District
Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Administration Utility Dept Reimbursement
Purpose: To look into abnormalities

Baker Tilly Coding Sewer	Administrative and General:Reimbursements
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ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-708-00-00-775097-	UTILITIES DEPT REIMBURSEMENT	UTILITIES REIMB. JAN2019-JUNE2	09/27/19	260,318.00
		UTILITIES REIMB. JULY2019-DEC2	12/31/19	269,250.18
Grand Total				529,568.18

East Chicago Sanitary District
Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Administration Travel
Purpose: To look into abnormalities

Baker Tilly Coding Sewer	Administrative and General:Transportation
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ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-708-00-00-775030-	TRAVEL EXPENSE	REIMBURSEMENT	12/19/19	228.09
		REIMBURSEMENT - DC TRIP	04/18/19	1,195.51
		REIMBURSEMENT FOR TOLLS PAID	03/21/19	18.00
Grand Total				1,441.60

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Monitoring salaries and wages

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Monitoring:Salaries and wages

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-721-00-00-701003-	SALARIES & WAGES - REGULAR	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	4,089.76
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	4,051.12
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	4,051.11
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	4,051.11
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	4,051.11
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	4,035.66
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	4,051.11
		WARRANT=041219 RUN=9 MISC	04/12/19	1,200.00
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	4,129.47
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	4,129.47
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	4,129.47
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	4,129.47
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	4,129.48
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	4,129.47
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	4,129.48
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	4,129.48
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	4,129.47
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	4,129.47
		WARRANT=083019 RUN=9 MISC	08/30/19	1,200.00
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	4,129.47
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	3,877.40
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	4,129.47
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	4,129.47
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	4,097.96
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	3,625.34
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	3,838.02
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	4,082.21
		WARRANT=122019 RUN=9 MISC	12/20/19	1,200.00
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	4,034.94
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	23.63
0606-3-311-721-00-00-701006-	SALARIES & WAGES - OVERTIME			
Grand Total				109,243.62

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Monitoring Health Life
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Monitoring:Insurance - health/life

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT		
0606-3-311-721-00-00-704050-	EMPLOYER'S INS HEALTH/ACCIDENT	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	2,099.37		
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	2,099.37		
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	2,099.37		
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	2,099.37		
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	2,099.37		
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	2,099.37		
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	2,099.37		
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	2,099.37		
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	2,099.37		
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	2,099.37		
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	599.37		
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	2,099.37		
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	2,099.37		
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	2,099.37		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	2,099.37		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	2,099.37		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	2,099.37		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	2,099.37		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	2,099.37		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	2,099.37		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	2,099.37		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	2,099.37		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	2,099.37		
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	599.37		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	599.37		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	599.37		
0606-3-311-721-00-00-704060-	EMPLOYER'S GROUP INSURAN/LIFE	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	5.00		
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	5.00		
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	5.00		
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	5.00		
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	5.00		
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	5.00		
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	5.00		
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	5.00		
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	5.00		
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	5.00		
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	5.00		
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	5.00		
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	5.00		
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	5.00		
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	5.00		
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	5.00		
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	5.00		
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	5.00		
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	5.00		
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	5.00		
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	5.00		
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	5.00		
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	5.00		
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	5.00		
		Grand Total				48,703.62

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Monitoring Pension and benefits

Purpose: To look into abnormalities

Baker Tilly Coding Sewer	Monitoring:Pensions and benefits
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ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT			
0606-3-311-721-00-00-704010-	EMPLOYER'S SOCIAL SECURITY	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	246.17			
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	243.76			
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	243.77			
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	243.77			
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	243.77			
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	242.80			
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	243.77			
		WARRANT=041219 RUN=9 MISC	04/12/19	74.40			
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	248.63			
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	248.62			
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	248.63			
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	256.03			
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	248.63			
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	248.62			
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	248.62			
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	248.64			
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	248.62			
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	248.63			
		WARRANT=083019 RUN=9 MISC	08/30/19	74.40			
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	248.62			
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	233.00			
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	248.63			
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	248.63			
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	246.67			
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	217.37			
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	237.95			
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	265.77			
		WARRANT=122019 RUN=9 MISC	12/20/19	74.40			
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	242.76			
		0606-3-311-721-00-00-704020-	EMPLOYER'S MEDICARE	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	57.57	
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	57.01	
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	57.01	
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	57.01	
				WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	57.01	
				WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	56.79	
				WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	57.00	
WARRANT=041219 RUN=9 MISC	04/12/19			17.40			
WARRANT=041819 RUN=1 BI-WEEKL	04/18/19			58.15			
WARRANT=050319 RUN=1 BI-WEEKL	05/03/19			58.15			
WARRANT=051719 RUN=1 BI-WEEKL	05/17/19			58.15			
WARRANT=053119 RUN=1 BI-WEEKL	05/31/19			59.87			
WARRANT=061419 RUN=1 BI-WEEKL	06/14/19			58.15			
WARRANT=062819 RUN=1 BI-WEEKL	06/28/19			58.15			
WARRANT=071219 RUN=1 BI-WEEKL	07/12/19			58.14			
WARRANT=072619 RUN=1 BI-WEEKL	07/26/19			58.15			
WARRANT=080919 RUN=1 BI-WEEKL	08/09/19			58.15			
WARRANT=082319 RUN=1 BI-WEEKL	08/23/19			58.15			
WARRANT=083019 RUN=9 MISC	08/30/19			17.40			
WARRANT=090619 RUN=1 BI-WEEKL	09/06/19			58.14			
WARRANT=092019 RUN=1 BI-WEEKL	09/20/19			54.49			
WARRANT=100419 RUN=1 BI-WEEKL	10/04/19			58.15			
WARRANT=101819 RUN=1 BI-WEEKL	10/18/19			58.15			
WARRANT=110119 RUN=1 BI-WEEKL	11/01/19			57.68			
WARRANT=111519 RUN=1 BI-WEEKL	11/15/19			50.84			
WARRANT=112719 RUN=1 BI-WEEKL	11/27/19			55.66			
WARRANT=121319 RUN=1 BI-WEEKL	12/13/19			62.14			
WARRANT=122019 RUN=9 MISC	12/20/19			17.40			
WARRANT=122719 RUN=1 BI-WEEKL	12/27/19			56.78			
0606-3-311-721-00-00-704030-	EMPLOYER'S PERF			WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	458.05	
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	453.72	
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	453.72	
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	453.72	
				WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	453.72	
				WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	451.99	
				WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	453.72	
		WARRANT=041219 RUN=9 MISC	04/12/19	134.40			
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	462.51			
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	462.51			
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	462.51			
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	462.51			
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	462.51			
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	462.51			
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	462.51			
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	462.51			
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	462.51			
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	462.51			
		WARRANT=083019 RUN=9 MISC	08/30/19	134.40			
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	462.51			
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	434.27			
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	462.51			
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	462.51			
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	458.98			
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	406.04			
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	429.86			
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	459.86			
		WARRANT=122019 RUN=9 MISC	12/20/19	134.40			
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	451.92			
		0606-3-311-721-00-00-704040-	UNEMPLOYMENT COMPENSATION	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	36.81	
				WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	36.46	
				WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	36.46	
				WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	32.57	
				WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	14.20	
				WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	14.20	
				WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	0.30	
WARRANT=121319 RUN=1 BI-WEEKL	12/13/19			300.00			
0606-3-311-721-00-00-704070-		CLOTHING ALLOWANCE					
Grand Total				20,867.32			

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Monitoring Workers Comp

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Monitoring:Worker's compensation

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-721-00-00-704110-	WORKER'S COMPENSATION	WARRANT=011119 RUN=1 BI-WEEKL	01/11/19	50.00
		WARRANT=012519 RUN=1 BI-WEEKL	01/25/19	50.00
		WARRANT=020819 RUN=1 BI-WEEKL	02/08/19	50.00
		WARRANT=022219 RUN=1 BI-WEEKL	02/22/19	50.00
		WARRANT=030819 RUN=1 BI-WEEKL	03/08/19	50.00
		WARRANT=032219 RUN=1 BI-WEEKL	03/22/19	50.00
		WARRANT=040519 RUN=1 BI-WEEKL	04/05/19	50.00
		WARRANT=041819 RUN=1 BI-WEEKL	04/18/19	50.00
		WARRANT=050319 RUN=1 BI-WEEKL	05/03/19	50.00
		WARRANT=051719 RUN=1 BI-WEEKL	05/17/19	50.00
		WARRANT=053119 RUN=1 BI-WEEKL	05/31/19	50.00
		WARRANT=061419 RUN=1 BI-WEEKL	06/14/19	50.00
		WARRANT=062819 RUN=1 BI-WEEKL	06/28/19	50.00
		WARRANT=071219 RUN=1 BI-WEEKL	07/12/19	50.00
		WARRANT=072619 RUN=1 BI-WEEKL	07/26/19	50.00
		WARRANT=080919 RUN=1 BI-WEEKL	08/09/19	50.00
		WARRANT=082319 RUN=1 BI-WEEKL	08/23/19	50.00
		WARRANT=090619 RUN=1 BI-WEEKL	09/06/19	50.00
		WARRANT=092019 RUN=1 BI-WEEKL	09/20/19	50.00
		WARRANT=100419 RUN=1 BI-WEEKL	10/04/19	50.00
		WARRANT=101819 RUN=1 BI-WEEKL	10/18/19	50.00
		WARRANT=110119 RUN=1 BI-WEEKL	11/01/19	50.00
		WARRANT=111519 RUN=1 BI-WEEKL	11/15/19	50.00
		WARRANT=112719 RUN=1 BI-WEEKL	11/27/19	50.00
		WARRANT=121319 RUN=1 BI-WEEKL	12/13/19	50.00
		WARRANT=122719 RUN=1 BI-WEEKL	12/27/19	50.00
Grand Total				1,300.00

East Chicago Sanitary District
Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: ____
Date reviewed: ____
Source: Munis Account Detail History Report
Account: Monitoring Supplies
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Monitoring:Supplies

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-721-00-00-720970-	MONITORING SUPPLIES	MONITORING SUPPLIES	03/07/19	408.02
			12/05/19	824.17
			12/19/19	146.04
		REPAIR & MAIN SUPPLIES FOR TRE	09/19/19	700.27
Grand Total				2,078.50

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Monitoring Lab testing

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Monitoring:Contractual services - testing

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	VEND0R CODE	Sum of JOURNAL AMOUNT
0606-3-311-721-00-00-735090-	CONTRACTUAL SERV-TESTING	ACCT CODE: EAS001	04/18/19	ELEMENT MATERIALS	7,873.00
			05/16/19	ELEMENT MATERIALS	4,022.50
		EFFLUENT TOXICITY TESTING 1987	09/05/19	COMMONWEALTH BIOMONI	2,000.00
		JOB NO. 18193-01	02/21/19	COMMONWEALTH BIOMONI	2,000.00
		SAMPLE TESTING	03/07/19	MICROBAC LABORATORIE	4,587.50
		SAMPLE TESTING FOR INDUSTRIAL	02/07/19	MICROBAC LABORATORIE	4,057.00
			06/20/19	ELEMENT MATERIALS	3,893.50
			08/01/19	ELEMENT MATERIALS	2,926.04
			10/03/19	ELEMENT MATERIALS	8,394.40
			12/05/19	ELEMENT MATERIALS	4,925.70
			12/19/19	ELEMENT MATERIALS	3,107.49
Grand Total					47,787.13

East Chicago Sanitary District

Prepared by: N. Dragisich

Date prepared: 8/11/20

Reviewed by: _____

Date reviewed: _____

Source: Munis Account Detail History Report

Account: Monitoring Contractual Services other

Purpose: To look into abnormalities

Baker Tilly Coding Sewer Monitoring:Contractual services - Other

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	VENDOR CODE	Sum of JOURNAL AMOUNT
0606-3-311-721-00-00-736098-	CONTRACTUAL SERV-OTHER	CONTRACTUAL	08/01/19	GASVODA ASSOCIATES	3,000.00
Grand Total					3,000.00

East Chicago Sanitary District

Prepared by: N. Dragisich
Date prepared: 8/11/20
Reviewed by: _____
Date reviewed: _____
Source: Munis Account Detail History Report
Account: Monitoring Uniform Rental
Purpose: To look into abnormalities

Baker Tilly Coding Sewer Monitoring:Uniform rental

ACCOUNT	ACCOUNT DESC	COMMENT	EFF DATE	Sum of JOURNAL AMOUNT
0606-3-311-721-00-00-743709-	UNIFORM RENTAL	ACCT NO. 11250	02/21/19	64.90
			03/07/19	16.96
			04/04/19	16.96
			05/02/19	16.96
			06/06/19	16.96
			07/03/19	16.96
			08/01/19	16.96
			09/05/19	39.10
			09/19/19	262.09
			10/17/19	50.04
			11/21/19	24.17
			12/19/19	18.92
		MONTHLY FEE FOR UNIFORM RENTAL	01/17/19	30.96
Grand Total				591.94

WASTEWATER 2020		COLLECTION MAINTENANCE 702		2020 PLAN	2020 PLAN REVISED
		ACCOUNT NUMBER			
PERSONNEL COST					
salary		701003			
temporary					
o/t		701006			
social security		704010			
medicare		704020			
perf		704030			
health		704050			
life		704060			
sui		704040			
clothing		704070			
work comp		704110			
TOTAL PERSONNEL				\$0	\$0
SUPPLIES					
chemical					
monitoring					
office stationary/printing		720120		\$0	\$0
office supplies		720150		\$1,500	\$1,500
gasoline				\$1,000	\$1,000
oil					
other					

WASTEWATER 2020	PUMPING OPERATIONS 703		
	ACCOUNT NUMBER	2020 PLAN	2020 PLAN REVISED
PERSONNEL COST			
salary			
o/t			
social security			
medicare			
perf			
health			
life			
sui			
clothing			
work comp			
TOTAL PERSONNEL		\$0	\$0
SUPPLIES			
chemical			
monitoring			
office stationary/printing	720120		
office supplies	720150		
gasoline	720221	\$0	\$0
oil			
tires and tubes			
other			
bldg material			
garage & motor			
repair & maintenance			
repair parts			
other operations	720990	\$ -	\$ -
first aid			
TOTAL SUPPLIES		\$0	\$0
OTHER CHARGES & SERVICES			
sludge removal			
electric	715010	\$ 270,000	\$ 270,000
gas	715020	\$ 13,600	\$ 13,600
water	715040	\$ 4,500	\$ 4,500
contractual services engineering			
contractual services accounting			
contractual services legal			
contractual services other			
equipment l&r			
uniform rental			
vehicle repair			
liability insurance			
freight			
postage			
travel			
telephone			
subscriptions			
membership			
education			
utility dept reimbursement			
other	775099	\$ -	\$ -
publications legal			
repair/maintenance			
electric re&ma			
equipment r&m			
interest temporary loan			
legal			
printing			
TOTAL OTHER CHARGES & SERVICES		\$ 288,100	\$ 288,100
CAPITAL OUTLAY			
other bldg			
motor equip			
other major equip			
TOTAL CAPITAL OUTLAY		\$0	\$0
TOTAL EXPENSES		\$ 288,100	\$ 288,100 0.00%

WASTEWATER 2020	PUMPING MAINTENANCE 704		2019 ACTUAL
	ACCOUNT NUMBER	2020 PLAN	2020 PLAN REVISED
PERSONNEL COST			
salary			
o/t			
social security			
medicare			
perf			
health			
life			
sui			
clothing			
work comp			
TOTAL PERSONNEL		\$0	\$0
SUPPLIES			
chemical			
monitoring			
office stationary/printing	720120		
office supplies	720150		
gasoline			
oil	720222	\$5,500	\$5,500
tires and tubes			
other			
bldg material			
garage & motor			
repair & maintenance	720410	\$ 8,700	\$ 8,700
repair parts	720420	\$ 7,700	\$ 7,700
other operations			
first aid			
TOTAL SUPPLIES		\$21,900	\$21,900
OTHER CHARGES & SERVICES			
sludge removal			
electric			
gas			
water			
contractual services engineering			
contractual services accounting			
contractual services legal			
contractual services other	736098	\$ 25,000	\$ 25,000
equipment l&r			
uniform rental			
vehicle repair			
liability insurance			
freight			
postage			
travel			
telephone			
subscriptions			
membership			
education			
utility dept reimbursement			
other			
publications legal			
repair/maintenance			
electric re&ma			
equipment r&m			
interest temporary loan			
legal			
printing			
TOTAL OTHER CHARGES & SERVICES		\$ 25,000	\$ 25,000
CAPITAL OUTLAY			
other bldg	783547	\$0	\$0
motor equip	783713		
other major equip	783937	\$0	\$0
TOTAL CAPITAL OUTLAY		\$0	\$0
TOTAL EXPENSES		\$ 46,900	\$ 46,900
			0.00%
			\$ 54,239
			54239

WASTEWATER 2020	ACCOUNT NUMBER	TREATMENT & DISPOSAL OPERATIONS 705	
		2020 PLAN	2020 PLAN REVISED
PERSONNEL COST			
salary	701003	\$509,507	\$509,507
o/t	701006	\$125,000	\$125,000
social security	704010	\$39,544	\$39,544
medicare	704020	\$9,248	\$9,248
perf	704030	\$71,065	\$71,065
health	704050	\$188,760	\$188,760
life			
sui	704040	\$10,450	\$10,450
clothing	704070	\$3,300	\$3,300
work comp	704110	\$7,425	\$7,425
TOTAL PERSONNEL		\$964,299	\$964,299
SUPPLIES			
chemical	718000	\$45,000	\$45,000
monitoring	720970		
office stationary/printing	720120		
office supplies	720150		
gasoline			
oil	720222	\$3,000	\$3,000
tires and tubes	720223	\$4,000	\$4,000
other	720990	\$4,500	\$4,500
bldg material			
garage & motor	720225	\$3,500	\$3,500
repair & maintenance			
repair parts			
first aid			
TOTAL SUPPLIES		\$60,000	\$60,000
OTHER CHARGES & SERVICES			
sludge removal	711000	\$ 225,000	\$ 225,000
electric	715010	\$ 590,000	\$ 590,000
gas	715020	\$ 60,000	\$ 60,000
water	715040	\$ 4,000	\$ 4,000
contractual services engineering			
contractual services accounting			
contractual services legal			
contractual services other	736098	\$ 30,000	\$ 30,000
contractual services - lab testing	735090	\$ 60,000	\$ 60,000
equipment l&r			
uniform rental	743709	\$ 3,500	\$ 3,500
vehicle repair	750605	\$ 35,000	\$ 35,000
liabilty insurance			
freight	775010	\$ 1,000	\$ 1,000
postage			
travel	775030	\$ 500	\$ 500
telephone			
subscriptions			
membership			
education	775091	\$ 1,500	\$ 1,500
utility dept reimbirsement			
other			
publications legal			
repair/maintenance	775602	\$ 22,500	\$ 22,500
electric re&ma			
equipment r&m			
interest temporary loan			
legal			
printing			
TOTAL OTHER CHARGES & SERVICES		\$ 1,033,000	\$ 1,033,000
CAPITAL OUTLAY			
other bldg	783547	\$ -	
motor equip	783937		
other major equip	783977		
TOTAL CAPITAL OUTLAY		\$0	\$0
TOTAL EXPENSES		\$ 2,057,299	\$ 2,057,299 0.00%

WASTEWATER 2020		TREATMENT & DISPOSAL MAINTENANCE 706		
	ACCOUNT NUMBER	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL
PERSONNEL COST				
salary	701003	\$386,165	\$459,765	\$374,999
o/t	701006	\$20,000	\$20,000	\$23,803
social security	704010	\$25,312	\$29,876	\$24,611
medicare	704020	\$5,920	\$6,987	\$5,756
perf	704030	\$45,490	\$53,734	\$44,666
health	704050	\$120,120	\$192,120	\$108,861
life	704060	\$0	\$0	\$0
sui	704040	\$6,650	\$8,550	\$599
clothing	704070	\$2,100	\$2,100	\$2,400
work comp	704110	\$4,725	\$6,075	\$13,519
TOTAL PERSONNEL		\$616,482	\$779,206	\$599,214
SUPPLIES				
chemical				
monitoring				
office stationary/printing	720120			
office supplies	720150			
gasoline				
oil				
tires and tubes				
other				
bldg material				
garage & motor				
repair & maintenance	720410	\$ 55,000	\$ 55,000	\$56,449
repair parts	720420	\$ 30,000	\$ 30,000	\$29,216
other operations				
first aid				
TOTAL SUPPLIES		\$85,000	\$85,000	\$85,665
OTHER CHARGES & SERVICES				
sludge removal				
electric				
gas				
water				
contractual services engineering				
contractual services accounting				
contractual services legal				
contractual services other	736098	\$ 50,000	\$ 50,000	\$53,882
equipment l&r	742702	\$ 1,000	\$ 1,000	\$400
uniform rental	743709	\$ 5,000	\$ 5,000	\$5,303
vehicle repair				
liability insurance				
freight				
postage				
travel	775030	\$ 500	\$ 500	\$0
telephone				
subscriptions				
membership				
education	775091	\$ 1,500	\$ 1,500	\$0
utility dept reimbursement				
other				
publications legal				
repair/maintenance equipment	775602	\$ 5,000	\$ 5,000	\$2,644
electric re&ma				
equipment r&m				
interest temporary loan				
legal				
printing				
TOTAL OTHER CHARGES & SERVICES		\$ 63,000	\$ 63,000	\$62,229
CAPITAL OUTLAY				
other bldg				
motor equip				
other major equip	783977	\$ -	\$ -	\$0
TOTAL CAPITAL OUTLAY		\$0	\$0	\$0
TOTAL EXPENSES				
		\$ 764,482	\$ 927,206 -17.55%	\$747,108 2.33% \$747,108

WASTEWATER 2020	ACCOUNT NUMBER	CUSTOMER ACCOUNTS 707		
		2020 PLAN	2020 PLAN REVISED	2019 ACTUAL
PERSONNEL COST				
salary				
o/t				
social security				
medicare				
perf				
health				
life				
sui				
clothing				
work comp				
TOTAL PERSONNEL		\$0	\$0	\$0
SUPPLIES				
chemical				
monitoring				
office stationary/printing	720120			
office supplies	720150			
gasoline				
oil				
tires and tubes				
other				
bldg material				
garage & motor				
repair & maintenance				
repair parts				
other operations				
first aid				
TOTAL SUPPLIES		\$0	\$0	\$0
OTHER CHARGES & SERVICES				
sludge removal				
electric				
gas				
water				
contractual services engineering				
contractual services accounting				
contractual services legal				
contractual services other	736098	\$ 245,864	\$ 245,864	\$235,028
equipment l&r				
uniform rental				
vehicle repair				
liability insurance				
freight				
postage				
travel				
telephone				
subscriptions				
membership				
education				
utility dept reimbursement				
other				
publications legal				
repair/maintenance				
electric re&ma				
equipment r&m				
interest temporary loan				
legal				
printing				
TOTAL OTHER CHARGES & SERVICES		\$ 245,864	\$ 245,864	\$235,028
CAPITAL OUTLAY				
other bldg				
motor equip				
other major equip				
TOTAL CAPITAL OUTLAY		\$0	\$0	\$0
TOTAL EXPENSES		\$ 245,864	\$ 245,864	\$235,028
			0.00%	4.61%

WASTEWATER 2020		ADMINISTRATION 708		
	ACCOUNT NUMBER	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL
PERSONNEL COST				
salary	701003	\$290,036	\$290,036	\$282,071
salary board members	703003	\$26,733	\$26,733	\$24,753
temporary	701004			
o/t	701006	\$3,000	\$3,000	\$814
social security	704010	\$19,826	\$19,826	\$18,520
medicare	704020	\$4,637	\$4,637	\$4,331
perf	704030	\$32,820	\$32,820	\$30,490
health	704050	\$94,320	\$94,320	\$58,782
life	704060	\$480	\$480	\$479
sui	704040	\$4,750	\$4,750	\$428
clothing		\$300	\$300	
work comp	704110	\$3,375	\$3,375	\$2,846
TOTAL PERSONNEL		\$480,277	\$480,276	\$423,514
SUPPLIES				
chemical				
monitoring				
office stationary/printing	720120	\$500	\$500	\$1,282
office supplies	720150	\$2,000	\$2,000	\$1,957
gasoline	720221	\$36,000	\$36,000	\$36,063
oil				
tires and tubes				
other				
bldg material				
garage & motor				
repair & maintenance				
repair parts				
other operations	720990	\$4,000	\$4,000	\$2,923
first aid	720337	\$500	\$500	\$0
TOTAL SUPPLIES		\$43,000	\$43,000	\$42,225
OTHER CHARGES & SERVICES				
sludge removal				
electric				
gas				
water				
contractual services engineering	731020	\$ 35,000	\$ 35,000	\$70,000
contractual services accounting	732070	\$ 60,000	\$ 60,000	\$50,627
contractual services legal	733010	\$ 20,000	\$ 20,000	\$43,375
contractual services other	736098	\$ 45,000	\$ 45,000	\$51,141
other utility service	715090	\$ -	\$ -	
equipment l&r	742702	\$ 1,000	\$ 1,000	\$1,071
uniform rental				
vehicle repair	750605			
liability insurance	757402	\$ 9,500	\$ 9,500	\$9,085
freight	775010	\$ 1,000	\$ 1,000	\$0
postage	775020	\$ 2,000	\$ 2,000	\$355
travel	775030	\$ 2,500	\$ 2,500	\$1,533
telephone	775040	\$ 55,000	\$ 55,000	\$56,897
subscriptions	775050	\$ 1,000	\$ 1,000	\$0
membership	775055	\$ 1,500	\$ 1,500	\$1,000
education	775901	\$ 1,500	\$ 1,500	\$94
utility dept reimbursement	775097	\$ 709,228	\$ 709,228	\$529,568
other	775099	\$ 1,500	\$ 1,500	\$1,731
publications legal	775302	\$ 1,000	\$ 1,000	\$900
repair/maintenance	775601	\$ -	\$ -	
repair/maintenance	775602	\$ 2,000	\$2,000	\$0
flood protection program	775095	\$ 5,000	\$ 5,000	\$1,500
electric re&ma				
equipment r&m				
interest temporary loan				
building rental	741707	\$ 13,000	\$ 13,000	\$12,204
printing	775301	\$ 500	\$ 500	\$500
TOTAL OTHER CHARGES & SERVICES		\$ 967,228	\$967,228	\$831,581
CAPITAL OUTLAY				
other bldg				
motor equip				
other major equip	783977	\$0		\$0
TOTAL CAPITAL OUTLAY		\$0		\$0
TRANSFER OUT - DEBT SERVICE FUND	772900	\$1,192,235	\$1,192,236	\$944,338
TRANSFER OUT - REPLACEMENT FUND	772900	\$ 410,000	\$ 410,000	\$617,700
TRANSFER OUT - STORMWATER FUND	775098			
TRANSFER OUT- CIVIL CITY LIEU OF TAXES	775096	\$ 856,090	\$ 856,090	\$878,494
TOTAL EXPENSES		\$3,948,830	\$3,948,830	\$3,737,852
			0.00%	5.64%

WASTEWATER 2020		MONITORING 721		
	ACCOUNT NUMBER	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL
PERSONNEL COST				
salary	701003	\$113,366	\$168,366	\$109,220
o/t	701006	\$3,000	\$3,000	\$24
social security	704010	\$7,233	\$10,643	\$6,614
medicare	704020	\$1,692	\$2,489	\$1,547
perf	704030	\$13,033	\$19,193	\$12,235
health	704050	\$53,160	\$89,160	\$48,584
life	704060	\$130	\$130	\$120
sui	704040	\$1,900	\$2,850	\$171
clothing	704070	\$300	\$300	\$300
work comp	704110	\$1,350	\$2,025	\$1,300
TOTAL PERSONNEL		\$195,164	\$298,157	\$180,115
SUPPLIES				
chemical				
monitoring	720970	\$2,500	\$2,500	\$2,079
office stationery/printing	720120			
office supplies	720150			
gasoline				
oil				
tires and tubes				
other				
bldg material				
garage & motor				
repair & maintenance				
repair parts	720420	\$ 1,000	\$1,000	\$0
other operations				
first aid				
TOTAL SUPPLIES		\$3,500	\$3,500	\$2,079
OTHER CHARGES & SERVICES				
sludge removal				
electric				
gas				
water				
contractual services engineering				
contractual services accounting				
contractual services legal				
contractual services other	736098	\$ 2,500	\$ 2,500	\$3,000
contractual services - lab testing	735090	\$ 55,000	\$ 55,000	\$55,645
equipment l&r				
uniform rental	743709	\$ 1,000	\$ 1,000	\$2,077
vehicle repair				
liability insurance				
freight				
postage				
travel				
telephone				
subscriptions	775050	\$ 500	\$ 500	\$0
membership	775055	\$ 500	\$ 500	\$0
education				
utility dept reimbirsement				
other				
publications legal				
repair/maintenance	77502			
electric re&ma				
equipment r&m				
interest temporary loan				
legal				
printing				
TOTAL OTHER CHARGES & SERVICES		\$ 59,500	\$ 59,500	\$ 60,722
CAPITAL OUTLAY				
other bldg				
motor equip	783947			
other major equip				
TOTAL CAPITAL OUTLAY		\$ -	\$ -	\$ -
TOTAL EXPENSES		\$258,164	\$361,157	\$242,916
			-28.52%	6.28%

WASTEWATER 2020		PLAN COMMOM 722		
	ACCOUNT NUMBER	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL
PERSONNEL COST				
salary	701003	-	\$0	
o/t	701006	\$0	\$0	
social security	704010	\$0	\$0	
medicare	704020	\$0	\$0	
perf	704030	\$0	\$0	
health	704050	\$0	\$0	
life				
sui	704040	\$0	\$0	
clothing	704070	\$0	\$0	
work comp	704110	\$0	\$0	
TOTAL PERSONNEL		\$0	\$0	\$0
SUPPLIES				
chemical				
monitoring				
office stationary/printing	720120			
office supplies	720150			
gasoline				
oil	720222	\$0	\$0	\$0
tires and tubes	720223		\$0	\$0
other	720335	\$0	\$0	
motor supplies	720225			
garage & motor	720225		\$0	\$0
repair & maintenance				
repair parts				
other operations	720990	\$ 8,000	\$ 8,000	\$11,167
first aid				
TOTAL SUPPLIES		\$8,000	\$8,000	\$11,167
OTHER CHARGES & SERVICES				
sludge removal				
electric				
gas				
water	715040			
contractual services engineering	731020			
contractual services accounting				
contractual services legal				
contractual services other	736098			
contractual services - lab testing	735090			
equipment l&r				
uniform rental	743709	\$ 1,500	\$ 1,500	\$2,071
vehicle repair	750605			
liability insurance				
freight				
postage				
travel				
telephone				
subscriptions				
membership				
education				
utility dept reimbirment				
other	775099	\$ 500	\$ 500	\$500
publications legal				
repair/maintenance	775602		\$ -	
electric re&ma				
equipment r&m				
interest temporary loan				
legal				
printing				
TOTAL OTHER CHARGES & SERVICES		\$ 2,000	\$ 2,000	\$2,571
CAPITAL OUTLAY				
other bldg	783547			\$0
motor equip	783937			\$0
other major equip	783977			\$0
TOTAL CAPITAL OUTLAY		\$0	\$0	\$0
TOTAL EXPENSES		\$ 10,000	\$ 10,000	\$13,738
ORIGINAL BUDGET			0.00%	-27.21%

WASTEWATER 2020		TOTAL WASTEWATER		
	ACCOUNT NUMBER	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL
PERSONNEL COST				
salary	701003	\$1,299,074	\$1,427,674	\$1,226,956
board members		\$26,733	\$26,733	\$24,753
temporary				
o/t	701006	\$151,000	\$151,000	\$178,036
social security	704010	\$91,915	\$99,889	\$87,947
medicare	704020	\$21,497	\$23,361	\$20,568
perf	704030	\$162,408	\$176,812	\$156,166
health	704050	\$456,360	\$564,360	\$369,754
life	704060	\$610	\$610	\$599
sui	704040	\$23,750	\$26,600	\$2,053
clothing	704070	\$6,000	\$6,000	\$6,000
work comp	704110	\$16,875	\$18,900	\$24,067
TOTAL PERSONNEL		\$2,256,222	\$2,521,938	\$2,096,899
			11.78%	
SUPPLIES				
chemical	718000	\$45,000	\$45,000	\$48,638
monitoring	720970	\$2,500	\$2,500	\$2,079
office stationary/printing	720120	\$500	\$500	\$1,282
office supplies	720150	\$3,500	\$3,500	\$3,472
gasoline	720221	\$37,000	\$37,000	\$36,063
oil	720222	\$8,500	\$8,500	\$10,744
tires and tubes	720223	\$4,000	\$4,000	\$4,889
other	720990	\$4,500	\$4,500	\$3,401
bldg material	720225	\$0	\$0	\$0
garage & motor	720225	\$3,500	\$3,500	\$3,976
repair & maintenance	720410	\$63,700	\$63,700	\$68,698
repair parts	720420	\$38,700	\$38,700	\$36,388
other operations	720990	\$12,000	\$12,000	\$14,090
first aid	720337	\$500	\$500	\$0
tires & tubes	720223	\$0	\$0	\$0
TOTAL SUPPLIES		\$223,900	\$223,900	\$233,720
			0.00%	
OTHER CHARGES & SERVICES				
sludge removal	711000	\$225,000	\$225,000	\$218,692
electric	715010	\$860,000	\$860,000	\$964,974
gas	715020	\$73,600	\$73,600	\$90,612
water	715040	\$8,500	\$8,500	\$11,547
contractual services engineering	731020	\$35,000	\$35,000	\$70,000
contractual services accounting	732070	\$60,000	\$60,000	\$50,627
contractual services legal	733010	\$20,000	\$20,000	\$43,375
contractual services other	736098	\$908,364	\$908,364	\$892,990
contractual services - lab testing	735090	\$115,000	\$115,000	\$119,072
other utility service	715090	\$0	\$0	\$0
equipment l&r	742702	\$3,500	\$3,500	\$1,471
uniform rental	743709	\$14,000	\$10,500	\$16,506
vehicle repair	750605	\$35,000	\$3,500	\$29,041
liability insurance	757402	\$9,500	\$44,500	\$9,085
freight	775010	\$2,000	\$1,000	\$335
postage	775020	\$2,000	\$3,000	\$355
travel	775030	\$3,500	\$3,000	\$1,533
telephone	775040	\$55,000	\$55,500	\$56,897
subscriptions	775050	\$1,500	\$1,500	\$0
membership	775055	\$2,000	\$2,000	\$1,000
education	775091	\$4,500	\$3,000	\$174
utility dept reimbursement	775097	\$709,228	\$710,728	\$529,568
other	775099	\$4,500	\$4,500	\$7,621
publications legal	775302	\$1,000	\$1,000	\$900
repair/maintenance	775601	\$0	\$0	\$0
repair/maintenance	775602	\$29,500	\$7,000	\$23,914
flood protection program	755095	\$5,000	\$27,500	\$1,500
electric re&ma		\$0	\$0	\$0
equipment r&m		\$0	\$0	\$0
interest temporary loan		\$0	\$0	\$0
building rental	741707	\$13,000	\$13,000	\$12,204
legal	775302	\$0	\$0	\$0
printing	775301	\$500	\$500	\$500
TOTAL OTHER CHARGES & SERVICES		\$ 3,200,692	\$ 3,200,692	\$ 3,154,493
			0.00%	
CAPITAL OUTLAY				
other bldg	783547	\$0	\$ -	\$0
motor equip	783713	\$0	\$ -	\$0
other major equip	783804	\$0	\$ -	\$0
TOTAL CAPITAL OUTLAY		\$0	\$0	\$0
TRANSFER OUT - DEBT SERVICE FUND		\$1,192,236	\$1,192,236	\$944,338
TRANSFER OUT - REPLACEMENT FUND	772900	\$410,000	\$410,000	\$617,700
TRANSFER OUT - STORMWATER FUND	775098	\$ -	\$0	\$ -
TRANSFER OUT- CIVIL CITY LIEU OF TAXES	775096	\$ 856,090	\$856,090	\$ 878,494
TOTAL EXPENSES		\$8,139,140	\$8,404,856	\$7,925,644
			3.26%	

WASTEWATER PLAN 2020

	2020 PLAN	REVISED	2019
		PLAN 2020	ACTUAL
REVENUES			
RESIDENTIAL	\$1,649,719	\$1,300,000	\$1,245,176
COMMERICAL	\$973,908	\$945,000	\$930,035
INDUSTRIAL	\$4,858,164	\$4,700,000	\$4,597,173
PUBLIC AUTHORITY	\$355,068	\$380,000	\$361,418
OTHER	\$163,287	\$112,750	\$89,270
PRETREATMENT BASE	\$116,700	\$208,000	\$207,694
PRETREATMENT MONITORING	\$94,120	\$156,000	\$156,324
INTEREST	\$45,000	\$45,000	\$45,603
TAP IN FEES	\$1,500	\$1,500	\$1,000
TOTAL REVENUES	\$8,257,466	\$7,848,250	\$7,633,692
EXPENSES			
PAYROLL	\$1,476,807	\$1,605,407	\$1,251,709
PAYROLL COST	\$779,415	\$916,531	\$845,190
SUPPLIES	\$223,900	\$223,900	\$233,720
OTHER CHARGES	\$ 3,200,692	\$3,200,692	\$ 3,154,493
CAPITAL OUTLAY	\$0	\$0	\$0
DEBT SERVICE FUND	\$1,192,236	\$1,192,236	\$944,338
REPLACEMENT FUND	\$410,000	\$410,000	\$617,700
STORMWATER FUND	\$ -	\$0	\$0
CIVIL CITY - LIEU OF TAXES	\$ 856,090	\$856,090	\$ 878,494
TOTAL EXPENSES	\$8,139,140	\$8,404,856	\$7,925,644
REVENUE:OVER (UNDER) EXPENSES	\$118,326	(\$556,606)	(\$291,952)

EAST CHICAGO SANITARY DISTRICT
WASTE WATER 2020 PLAN BY DEPARTMENT

CLASSIFICATION	COLLECTIONS MAINTENANCE 702	PUMPING OPERATIONS 703	PUMPING MAINTENANCE 704	TREATMENT & DISPOSAL OPERATIONS 705	TREATMENT & DISPOSAL MAINTENANCE 706	CUSTOMER ACCOUNTS 707	ADMINISTRATION 708	MONITORING 721	PLANT COMMON 722	TOTAL
PERSONNEL COST										
salary	701003	\$0	\$0	\$0	\$509,507	\$459,765	\$0	\$290,036	\$168,366	\$0 \$1,427,674
board members	703003	\$0	\$0	\$0	\$0	\$0	\$0	\$26,733	\$0	\$0 \$26,733
temporary	701004	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
o/t	701006	\$0	\$0	\$0	\$125,000	\$20,000	\$0	\$3,000	\$3,000	\$0 \$151,000
social security	704010	\$0	\$0	\$0	\$39,544	\$29,876	\$0	\$19,826	\$10,643	\$0 \$99,889
medicare	704020	\$0	\$0	\$0	\$9,248	\$6,987	\$0	\$4,637	\$2,489	\$0 \$23,361
perf	704030	\$0	\$0	\$0	\$71,065	\$53,734	\$0	\$32,820	\$19,193	\$0 \$176,812
health	704050	\$0	\$0	\$0	\$188,760	\$192,120	\$0	\$94,320	\$89,160	\$0 \$564,360
life	704060	\$0	\$0	\$0	\$0	\$0	\$0	\$480	\$130	\$0 \$610
sui	704040	\$0	\$0	\$0	\$10,450	\$8,550	\$0	\$4,750	\$2,850	\$0 \$26,600
clothing	704070	\$0	\$0	\$0	\$3,300	\$2,100	\$0	\$300	\$300	\$0 \$6,000
work comp	704110	\$0	\$0	\$0	\$7,425	\$6,075	\$0	\$3,375	\$2,025	\$0 \$18,900
TOTAL PERSONNEL		\$0	\$0	\$0	\$964,299	\$779,206	\$0	\$480,276	\$298,157	\$0 \$2,521,938
SUPPLIES										\$2,521,938
chemical	718000	\$0	\$0	\$0	\$45,000	\$0	\$0	\$0	\$0	\$0 \$45,000
monitoring	720970	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500	\$0 \$2,500
office stationary/printing	720120	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$0 \$500
office supplies	720150	\$1,500	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$0 \$3,500
gasoline	720221	\$1,000	\$0	\$0	\$0	\$0	\$0	\$36,000	\$0	\$0 \$37,000
oil	720222	\$0	\$0	\$5,500	\$3,000	\$0	\$0	\$0	\$0	\$0 \$8,500
tires & tubes	720223	\$0	\$0	\$0	\$4,000	\$0	\$0	\$0	\$0	\$0 \$4,000
other	720990	\$0	\$0	\$0	\$4,500	\$0	\$0	\$0	\$0	\$0 \$4,500
bldg material	720225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0
garage & motor	720225	\$0	\$0	\$0	\$3,500	\$0	\$0	\$0	\$0	\$0 \$3,500
repair & maintenance	720410	\$0	\$0	\$8,700	\$0	\$55,000	\$0	\$0	\$0	\$0 \$63,700
repair parts	720420	\$0	\$0	\$7,700	\$0	\$30,000	\$0	\$0	\$1,000	\$0 \$38,700
other operations	720990	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000	\$0	\$8,000 \$12,000
first aid	720337	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$0 \$500
tires & tubes	720223	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0
TOTAL SUPPLIES		\$2,500	\$0	\$21,900	\$60,000	\$85,000	\$0	\$43,000	\$3,500	\$8,000 \$223,900
										\$223,900

EAST CHICAGO SANITARY DISTRICT
WASTE WATER 2020 PLAN BY DEPARTMENT

		COLLECTIONS MAINTENANCE 702	PUMPING OPERATIONS 703	PUMPING MAINTENANCE 704	TREATMENT & DISPOSAL OPERATIONS 705	TREATMENT & DISPOSAL MAINTENANCE 706	CUSTOMER ACCOUNTS 707	ADMINISTRATION 708	MONITORING 721	PLANT COMMON 722	TOTAL										
CLASSIFICATION																					
OTHER CHARGES & SERVICES																					
sludge removal	711000	\$0	\$0	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$225,000										
electric	715010	\$0	\$270,000	\$0	\$590,000	\$0	\$0	\$0	\$0	\$0	\$860,000										
gas	715020	\$0	\$13,600	\$0	\$60,000	\$0	\$0	\$0	\$0	\$0	\$73,600										
water	715040	\$0	\$4,500	\$0	\$4,000	\$0	\$0	\$0	\$0	\$0	\$8,500										
contractual services engineering	731020	\$0	\$0	\$0	\$0	\$0	\$0	\$35,000	\$0	\$0	\$35,000										
contractual services accounting	732070	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0	\$60,000										
contractual services legal	733010	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$0	\$0	\$20,000										
contractual services other	736098	\$510,000	\$0	\$25,000	\$30,000	\$50,000	\$245,864	\$45,000	\$2,500	\$0	\$908,364										
contractual services lab testing	735090	\$0	\$0	\$0	\$60,000	\$0	\$0	\$0	\$55,000	\$0	\$115,000										
equipment l&r	742702	\$1,500	\$0	\$0	\$0	\$1,000	\$0	\$1,000	\$0	\$0	\$3,500										
uniform rental	743709	\$3,000	\$0	\$0	\$3,500	\$5,000	\$0	\$0	\$1,000	\$1,500	\$14,000										
vehicle repair	750605	\$0	\$0	\$0	\$35,000	\$0	\$0	\$0	\$0	\$0	\$35,000										
liability insurance	757402	\$0	\$0	\$0	\$0	\$0	\$0	\$9,500	\$0	\$0	\$9,500										
freight	775010	\$0	\$0	\$0	\$1,000	\$0	\$0	\$1,000	\$0	\$0	\$2,000										
postage	775020	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0	\$0	\$2,000										
travel	775030	\$0	\$0	\$0	\$500	\$500	\$0	\$2,500	\$0	\$0	\$3,500										
telephone	775040	\$0	\$0	\$0	\$0	\$0	\$0	\$55,000	\$0	\$0	\$55,000										
subscriptions	775050	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$500	\$0	\$1,500										
membership	775055	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	\$500	\$0	\$2,000										
education	775091	\$0	\$0	\$0	\$1,500	\$1,500	\$0	\$1,500	\$0	\$0	\$4,500										
utility dept reimbursement	775097	\$0	\$0	\$0	\$0	\$0	\$0	\$709,228	\$0	\$0	\$709,228										
other	775099	\$2,500	\$0	\$0	\$0	\$0	\$0	\$1,500	\$0	\$500	\$4,500										
publications legal	775302	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$0	\$1,000										
repair/maintenance	775602	\$0	\$0	\$0	\$22,500	\$5,000	\$0	\$2,000	\$0	\$0	\$29,500										
flood protection program	755095	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$5,000										
electric re&ma		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
equipment r&m		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
interest temporary loan		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
building rental	741707	\$0	\$0	\$0	\$0	\$0	\$0	\$13,000	\$0	\$0	\$13,000										
legal		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
printing	775301	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0	\$0	\$500										
TOTAL OTHER CHARGES & SERVICES		\$517,000	\$288,100	\$25,000	\$1,033,000	\$63,000	\$245,864	\$967,228	\$59,500	\$2,000	\$3,200,692										
											\$3,200,692										
CAPITAL OUTLAY																					
other bldg	783547	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
motor equip	783713	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
other major equip	783804	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
TOTAL CAPITAL OUTLAY		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
TRANSFER OUT - DEBT SERVICE FUND								\$1,192,235			\$1,192,235										
TRANSFER OUT - REPLACEMENT FUND	772900							\$410,000			\$410,000										
TRANSFER OUT - STORMWATER FUND	775098							\$0			\$0										
TRANSFER OUT- CIVIL CITY LIEU OF TAXES	775096							\$856,090			\$856,090										
TOTAL EXPENSES		\$519,500	\$288,100	\$46,900	\$2,057,299	\$927,206	\$245,864	\$3,948,829	\$361,157	\$10,000	\$8,404,855										
		\$	519,500	\$	288,100	\$	46,900	\$	2,057,299	\$	927,206	\$	245,864	\$	3,948,830	\$	361,157	\$	10,000	\$	8,404,856
		\$0		\$0		\$0		\$0		\$0		\$0		-\$1		\$0		\$0		-\$1	

**WASTEWATER
PLAN 2020**

		REVENUES WASTEWATER			
	ACCOUNT	2020 PLAN	2020 PLAN REVISED	2019 ACTUAL	rate study Oct-19
MEASURE REVENUE	352200	\$50,000	\$50,000	\$57,399	\$50,000
RESIDENTIAL	352210	\$1,649,719	\$1,300,000	\$1,245,176	\$1,642,249
COMMERICAL	352220	\$973,908	\$945,000	\$930,035	\$915,996
INDUSTRIAL	352230	\$4,858,164	\$4,700,000	\$4,597,173	\$4,770,817
PUBLIC AUTHORITY	352240	\$355,068	\$380,000	\$361,418	\$274,987
OTHER/MISCELLANEOUS	353600	\$88,287	\$36,000	\$31,871	\$82,820
PRETREATMENT BASE	353670	\$116,700	\$208,000	\$207,694	\$211,203
MONITORING P/T	353680	\$94,120	\$156,000	\$156,324	\$163,858
INTEREST	353610	\$45,000	\$45,000	\$45,603	\$20,000
RENTAL INCOME	353400	\$25,000	\$26,750	\$26,750	\$25,000
TRSF DORMANT FUND	39300			\$38,683	
REIMBURSEMENT				\$11,530	
SALE OF ASSETS	392100			\$711	
OVER/SHORT	353630			(\$184,005)	
SEWER TAP IN FEES	353690	\$1,500	\$1,500	\$1,000	\$1,500
TOTAL REVENUES		\$8,257,467	\$7,848,250	\$7,527,361	\$8,158,430
			-4.96%	4.26%	

EAST CHICAGO SANITARY DISTRICT - WASTEWATER FUND 606
STATEMENT OF RECEIPTS AND DISBURSEMENTS
BUDGET YEAR 2020

	BAL SEP 19	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	REVISED BUDGET TOTAL	2019 ACTUAL	2019 BUDGET
BEGINNING BALANCE - OCT 18 FORECAST	\$1,272,369	\$1,272,369	\$1,272,369	\$1,058,347	\$1,058,347	\$1,058,347	\$639,324	\$639,324	\$639,324	\$425,302	\$425,302	\$425,302	\$425,302	\$1,272,369	\$1,147,006	\$1,148,187
RECEIPTS																
RESIDENTIAL													\$1,567,233	\$1,214,832	\$1,213,927	\$1,418,060
COMMERCIAL													\$964,169	\$979,581	\$914,827	\$835,050
INDUSTRIAL													\$4,809,582	\$4,760,113	\$4,392,365	\$4,346,002
PUBLIC AUTHORITY													\$351,517	\$337,874	\$339,114	\$327,000
MISCELLANEOUS													\$107,820	\$119,821	\$114,454	\$138,572
PRETREATMENT													\$116,700	\$350,849	\$349,231	\$383,635
PENTALTIES													\$94,120	\$58,189	\$57,501	\$9,875
INTEREST													\$45,000	\$45,000	\$45,601	\$20,000
TAP IN FEES													\$500	\$500	\$0	\$1,500
TRANSFER FROM WASTE WATER RESERVE (LOAN)													\$0	\$0	\$0	\$0
TRANSFERS FROM WATER (REPAY LOAN)													\$0	\$0	\$0	\$0
TOTAL RECEIPTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,056,642	\$7,866,759	\$7,427,020	\$7,479,694
DISBURSEMENTS																
SALARIES AND WAGES													\$1,325,807	\$1,454,407	\$1,251,709	\$1,259,168
OVERTIME													\$151,000	\$151,000	\$178,035	\$126,000
EMPLOYER COST													\$113,389	\$123,250	\$111,254	\$106,378
PERF													\$162,408	\$176,812	\$154,916	\$152,145
INSURANCE													\$497,595	\$610,470	\$394,983	\$447,775
CLOTHING ALLOWANCE													\$5,700	\$6,000	\$6,000	\$5,400
ELECTRICAL													\$860,000	\$860,000	\$788,347	\$745,000
GAS													\$73,600	\$73,600	\$55,285	\$53,600
COLLECTIONS MAINTENANCE (702)													\$519,500	\$519,500	\$296,653	\$ 849,000
PUMPING OPERATION (703)													\$4,500	\$4,500	\$2,227	\$ 4,500
PUMPING MAINTENANCE (704)													\$46,900	\$46,900	\$34,366	\$ 47,900
TREATMENT OPERATION (705)													\$443,000	\$443,000	\$354,091	\$ 456,700
TREATMENT MAINTENANCE (706)													\$148,000	\$148,000	\$131,601	\$157,000
CUSTOMER ACCOUNTS (707)													\$245,864	\$245,864	\$235,028	\$ 253,400
GENERAL ADMINISTRATION (708)													\$296,000	\$296,000	\$269,436	\$ 335,850
Utility Reimbursement													\$709,228	\$709,228	\$4,548	\$ 617,600
MONITORING (721)													\$63,000	\$63,000	\$529,568	\$ 71,500
PLANT COMMON (722)													\$10,000	\$10,000	\$54,281	\$12,000
															\$8,796	
CAPITAL OUTLAY													\$0	\$0	\$0	\$2,000
WATER DEPARTMENT (TRANSFER)													\$0	\$0	\$0	\$0
TRANSFER TO REPLACEMENT FUND						\$205,000							\$205,000	\$410,000	\$617,700	\$617,700
INTEREST FUND													\$1,192,235	\$1,192,235	\$944,338	\$943,590
P I L O T				\$214,022			\$214,023			\$214,022			\$214,023	\$856,090	\$878,495	\$878,494
															\$0	
TOTAL DISBURSEMENTS	\$0	\$0	\$214,022	\$0	\$0	\$419,023	\$0	\$0	\$214,022	\$0	\$0	\$0	\$7,286,749	\$8,399,856	\$7,301,657	\$8,142,700
ENDING BALANCE FUND 606	\$1,272,369	\$1,272,369	\$1,058,347	\$1,058,347	\$1,058,347	\$639,324	\$639,324	\$639,324	\$425,302	\$425,302	\$425,302	\$425,302	\$1,195,195	\$739,272	\$1,272,369	\$485,181

WASTE WATER
PLAN FOR 2020

	HEAD COUNT		
	2020 PLAN	2019	
		PLAN	ACTUAL OCTOBER
TREATMENT OPERATIONS - 705			
CHIEF OPERATOR	1	1	1
OPERATOR	8	8	7
ASSISTANT OPERATOR	2	2	2
TOTAL TREATMENT OPERATIONS	11	11	10
TREATMENT MAINTENANCE - 706			
MAINTENANCE MAN II	4	5	5
INSTRUMENT MAINTENANCE TECH	1	1	1
ELECTRICAN	1	0	0
CS REPAIR EQUIPMENT OPERATOR	0	0	0
OPERATOR - PUMP STATION	1	1	1
TOTAL TREATMENT MAINTENANCE	7	7	7
MONITORING - 721			
PRETREATMENT COORDINATOR	1	1	1
LABORATORY TECH	1	1	1
TOTAL DISTRIBUTION MAINTENANCE	2	2	2
PLANT COMMON - 722			
CUSTODIAN	0	0	0
TOTAL CUSTOMER ACCOUNTS	0	0	0
ADMINISTRATION - 708			
DIRECTOR	1	1	1
MANAGER	2	2	2
SECRETARY	1	1	1
SECRETARY - PART TIME	0	0	0
LABORER	1	1	1
	5	5	5
TOTAL ADMINISTRATION	25	25	24

TOTAL WASTEWATER

DEPT	NAME	HIRE DAT	YEAR	2018 VACATION	PAY CODE	POS. #	JOB TITLE	HRLY RATE	BASE SALARY	BASE YR SALARY	LONG. LUMP SUM	SALARY SUM	2019	YEAR
	WASTEWATER ADMINISTRATION	REGULAR	311708	701003										
	VALENZUELA, JAVIER						LABORER		14.00	20,384.00	0.00		14.00	20,384.00
	FRAZIER, SHARMA						SECRETARY		1,120.00	29,120.00	0.00		1,120.00	29,120.00
	RAMOS, LILIA						MANAGER - OFFICE	27.7804	2,222.43	57,783.18	0.00		2,222.43	57,783.18
311	MARTINEZ, JOHN	04/18/1983	1983	35	192	100	DIRECTOR OF WASTEWATER OPERATIONS		3,300.08	85,802.08	3000.00		3,300.08	85,802.08
									115.38				115.38	
311	MYERS, KENNETH	02/15/16	2016				MANAGER - OPERATION		3,151.80	81,946.80	300.00		3,151.80	81,946.80
									3% INCREASE					
									275,036.06		3,300.00			275,036.06
											BONUS	3000.00		15,000.00
											OT			3,000.00
														293,036.06
							EMPLOYEES	FICA				0.062		18,168.24
							FULL TIME	5	FICA-MED			0.0145		4,249.02
							PART-TIME	0	PERF			0.112		32,820.04
							TOTAL EMPLOYEES	5	SUI			0.1		4,750.00
									INSURANCE					94,320.00
											CITY MED FAMILY	3,000.00	36,000.00	
											CITY MED SINGLE	2,000.00	24,000.00	
											HMO FAMILY	950.83	-	
											HMO SINGLE	345.77	-	
											UNION	660.00	34,320.00	
											LIFE INSURANCE	5.00		480.00
											WORK COMP	25.00		3,375.00
											CLOTHING	300.00		300.00
											TOTAL			451,498.36
	TREATMENT OPERATIONS	REGULAR	311705	701003										
311	ACEVEDO, JOSE	02/01/1981	1981	37	240	105	STATION OPERATOR	18.17	UNION	37,793.60	1453.60		18.17	37,793.60
311	BORK, THOMAS	09/25/1990	1990	28	200	105	PLANT OPERATOR + CERT I	18.69	UNION	38,875.20	1495.20		18.69	38,875.20
311	CAMPOS, CURT	02/02/1980	1980	38	240	105	TREATMENT PLANT OPER + CERT II	20.70	UNION	43,056.00	1656.00		20.70	43,056.00
311	CARDONA, NELSON	08/19/1991	1991	27	200	105	CHIEF OPERATOR CLASS IV	30.99	UNION	64,459.20	2479.20		30.99	64,459.20
311	ESCALANTE, DANIEL	05/22/1995	1995	-1967	160	105	COLLECTION SYSTEM RODDER	19.63	UNION	40,830.40	1570.40		19.63	40,830.40
311	KAPER, RAYMOND	04/20/1982	1982	36	240	105	TREATMENT PLANT OPER +CERT I	20.07	UNION	41,745.60	1605.60		20.07	41,745.60
311	NAVA, ALICIA	10/06/1997	1997	21	160	105	TREATMENT PLANT ASST OPERATOR +CERT	20.58	UNION	42,806.40	1646.40		20.58	42,806.40
311	PENA, EVERARDO	12/16/1998	1998	20	160	105	TREATMENT PLANT OPER+ CERT IV	21.96	UNION	45,676.80	1756.80		21.96	45,676.80
311	PORRAS, STEVEN	10/24/1988	1988	30	200	105	TREATMENT PLANT OPER + CERT IV	21.96	UNION	45,676.80	1756.80		21.96	45,676.80
311	HOLZBACH, STEVE	04/05/1982	1982	-1982	240	105	TREATMENT PLANT ASST. OPER	18.17	UNION	37,793.60	1453.60		18.17	37,793.60
	NEW POSITION						TREATMENT PLANT OPER	18.17	UNION	37,793.60	1453.60		18.17	37,793.60
										3% INCREASE				
									400,920.00		15420.00			476,507.20
											BONUS	3,000.00		33,000.00
											OT			125,000.00
														634,507.20
							EMPLOYEES	FICA				0.062		39,544.05
							FULL TIME	11	FICA-MED			0.0145		9,248.20
							PART-TIME	0	PERF			0.112		71,064.81
							TOTAL EMPLOYEES	11	SUI			0.1		10,450.00
									INSURANCE					188,760.00
											CITY MED FAMILY	3,000.00	-	
											CITY MED SINGLE	2,000.00	-	
											HMO FAMILY	950.83	-	
											HMO SINGLE	345.77	-	
											UNION	660.00	188,760.00	
											LIFE INSURANCE	5.00		-
											WORK COMP	25.00		7,425.00
											CLOTHING	300.00		3,300.00
											TOTAL			964,299.26
	TREATMENT MAINTENANCE	REGULAR	311706	701003										
311	ARROYO, JR., ABELARDO	01/01/1975	1979	39	240	105	MAINTENANCE MAN II		UNION	TRANSFER TO UTIL	0.00		-	
311	BREGER, RUSSELL	05/26/1987	1987	31	240	105	MAINTENANCE MAN II	21.28	UNION	44,262.40	1702.40		21.28	44,262.40
311	FLORES, MICHAEL	02/28/1975	1979	39	240	105	MAINTENANCE MAN II	31.19	UNION	64,875.20	2495.20		31.19	64,875.20
311	JACKSON, ELBERT	10/08/1990	1990	28	200	105	PUMP STATION OPERATOR	18.23	UNION	37,918.40	1458.40		18.23	37,918.40
311	JONES, STEVEN	09/24/1990	1990	28	200	105	MAINTENANCE MAN II + CERT I	26.11	UNION	54,308.80	2088.80		26.11	54,308.80
311	PUENTE, JUAN	09/16/2002	2002	16	120	105	MAINTENANCE MAN II	25.13	UNION	52,270.40	2010.40		25.13	52,270.40
311	ROSADO, JOSE	02/08/1993	1993	25	200	105	INSTRUMENT MAINT. TECH. + CERT II	31.62	UNION	65,769.60	2529.60		31.62	65,769.60
	NEW POSITION ELECTRICAN						ELECTRICAN	22.00		45,760.00	1760.00		22.00	45,760.00
	NEW NON UNION						NEW MAINTENANCE PERSON (UTILITY)	16 1/4	1,300.00	33,800.00	1300.00		16.25	33,800.00
	NEW NON UNION						NEW MAINTENANCE PERSON (UTILITY)	16.25	1,300.00	33,800.00	1300.00		16.25	33,800.00

DEPT	NAME	HIRE DAT	YEAR	2018 VACATION	PAY CODE	POS. #	JOB TITLE	HRLY RATE	BASE SALARY	BASE YR SALARY	LONG. LUMP SUM	SALARY SUM	2019	YEAR
									EMPLOYEES		OT			20,000.00
														479,764.80
									FULL TIME -NON UNION	2	FICA	0.062		29,875.62
									FULL TIME -UNION	7	FICA-MED	0.0145		6,987.04
									PART-TIME	0	PERF	0.112		53,733.66
									TOTAL EMPLOYEES	9	SUI	0.1		8,550.00
											INSURANCE			192,120.00
										2				
										0	CITY MED FAMILY	3,000.00	72,000.00	
										0	CITY MED SINGLE	2,000.00	-	
										0	HMO FAMILY	-	-	
										0	HMO SINGLE	-	-	
										7	UNION	660.00	120,120.00	
											LIFE INSURANCE	5.00		-
											WORK COMP	25.00		6,075.00
											CLOTHING	300.00		2,100.00
											TOTAL			779,206.11

DEPT	NAME	HIRE DAT	YEAR	2018 VACATION	PAY CODE	POS. #	JOB TITLE	HRLY RATE	BASE SALARY	BASE YR SALARY	LONG. LUMP SUM	SALARY SUM	2019	YEAR
	BOARD	REGULAR	311708	703003										
311	GONZALES, LORETO				170	1122	BOARD MEMBER		198.02	5,346.54	0.00	0.00	198.02	5,346.54
311	CAULEY,TIA				170	1122	BOARD MEMBER		198.02	5,346.54	0.00	0.00	198.02	5,346.54
311	open				170	1122	BOARD MEMBER		198.02	5,346.54	0.00	0.00	198.02	5,346.54
311	RIVERA,MIGUEL				170	1122	BOARD MEMBER		198.02	5,346.54	0.00	0.00	198.02	5,346.54
311	MORICZ,ALOJZY				170	1122	BOARD MEMBER		198.02	5,346.54	0.00	0.00	198.02	5,346.54
									990.10	26,732.70	0.00			26,732.70
														26,732.70
									EMPLOYEES	FICA		0.062		1,657.43
								FULL TIME	5	FICA-MED		0.0145		387.62
								PART-TIME	0	PERF				-
								TOTAL EMPLOYEES	5	SUI		0.1		-
										INSURANCE				-
									0		CITY MED FAMILY	3,000.00	-	
									0		CITY MED SINGLE	2,000.00	-	
									0		HMO FAMILY	950.83	-	
									0		HMO SINGLE	345.77	-	
									0		UNION	660.00	-	
										LIFE INSURANCE		5.00		-
										WORK COMP		25.00		-
										CLOTHING		300.00		-
												TOTAL		28,777.75
									TOTAL	1,291,819.90	38,364.80			1,370,407.10
												TOTAL		2,521,938.33

EAST CHICAGO SANITARY DISTRICT - WASTEWATER FUND 606

STATEMENT OF RECEIPTS AND DISBURSEMENTS

BY YEAR	ACTUAL 2014	ACTUAL 2015	ACTUAL 2016	ACTUAL 2017	ACTUAL 2018	ACTUAL 2019	BUDGET 2020	BUDGET 2020 REVISED
BEGINNING BALANCE	\$983,228	\$775,671	\$1,191,748	\$365,796	\$1,275,902	\$1,147,006	\$1,272,369	\$1,272,369
RECEIPTS								
RESIDENTIAL	\$1,884,355	\$1,065,969	\$858,825	\$1,423,921	\$1,295,096	\$1,213,927	\$1,567,233	\$1,214,832
COMMERCIAL	\$0	\$745,918	\$712,600	\$954,555	\$909,012	\$914,827	\$964,169	\$979,581
INDUSTRIAL	\$3,621,229	\$4,389,028	\$3,490,672	\$4,677,084	\$4,395,701	\$4,392,365	\$4,809,582	\$4,760,113
PUBLIC AUTHORITY	\$309,132	\$273,014	\$318,784	\$332,003	\$283,769	\$339,114	\$351,517	\$337,874
MISCELLANEOUS	\$17,784	\$25,266	\$67,810	\$89,797	\$91,370	\$114,454	\$107,820	\$119,821
PRETREATMENT	\$284,863	\$280,049	\$318,752	\$432,961	\$381,349	\$349,231	\$116,700	\$350,849
PENTALITIES	\$27,745	\$41,413	\$9,828	\$13,747	\$46,999	\$57,501	\$94,120	\$58,189
INTEREST	\$586	\$1,283	\$1,012	\$820	\$23,871	\$45,601	\$45,000	\$45,000
TAP IN FEES	\$5,554		\$2,373	\$500	\$500		\$500	\$500
REIMBURSEMENT BAN			\$591,915					
TRANSFERS FROM WATER (REPAY LOAN)		\$250,000	\$500,000	\$1,900,000				
TOTAL RECEIPTS	\$6,151,248	\$7,071,941	\$6,872,570	\$9,825,386	\$7,427,666	\$7,427,020	\$8,056,642	\$7,866,759
DISBURSEMENTS								
SALARIES AND WAGES	\$1,428,639	\$1,426,706	\$1,373,585	\$1,381,402	\$1,263,916	\$1,251,709	\$1,325,807	\$1,454,407
OVERTIME	\$171,053	\$178,818	\$108,216	\$126,967	\$153,886	\$178,035	\$151,000	\$151,000
EMPLOYER COST	\$120,953	\$121,600	\$112,205	\$114,311	\$109,782	\$111,254	\$113,389	\$123,250
PERF	\$176,283	\$176,846	\$162,637.56	\$163,967	\$154,923	\$154,916	\$162,408	\$176,812
INSURANCE	\$380,078	\$475,595	\$452,779.26	\$460,166	\$389,487	\$394,983	\$497,595	\$610,470
CLOTHING ALLOWANCE	\$7,200	\$6,600	\$6,600.00	\$6,800	\$5,400	\$6,000	\$5,700	\$6,000
ELECTRICAL	\$771,914	\$771,270	\$535,174	\$1,033,087	\$738,729	\$788,347	\$860,000	\$860,000
GAS	\$77,653	\$48,962	\$29,249	\$48,736	\$53,964	\$55,285	\$73,600	\$73,600
COLLECTIONS MAINTENANCE (702)	\$200,160	\$167,768	\$435,346	\$660,528	\$723,829	\$296,653	\$519,500	\$519,500
PUMPING OPERATION (703)	\$2,407	\$5,406	\$1,039	\$7,340	\$2,776	\$2,227	\$4,500	\$4,500
PUMPING MAINTENANCE (704)	\$38,962	\$31,378	\$19,577	\$26,142	\$57,822	\$34,366	\$46,900	\$46,900
TREATMENT OPERATION (705)	\$212,920	\$252,015	\$195,514	\$460,820	\$315,010	\$354,091	\$443,000	\$443,000
TREATMENT MAINTENANCE (706)	\$41,927	\$62,785	\$56,957	\$82,350	\$122,179	\$131,601	\$148,000	\$148,000
CUSTOMER ACCOUNTS (707)	\$229,336	\$213,126	\$163,958	\$188,434	\$233,626	\$235,028	\$245,864	\$245,864
GENERAL ADMINISTRATION (708)	\$349,857	\$268,545	\$171,229	\$201,751	\$215,650	\$269,436	\$296,000	\$296,000
Engineering Services		\$169,631	\$157,485	\$71,449	\$6,100	\$4,548		
Utility Reimbursement	\$314,289	\$242,697	\$310,026	\$360,810	\$495,971	\$529,568	\$709,228	\$709,228
MONITORING (721)	\$115,892	\$82,078	\$66,255	\$55,768	\$60,508	\$54,281	\$63,000	\$63,000
PLANT COMMON (722)	\$203,811	\$173,225	\$138,001	\$19,216	\$6,647	\$8,796	\$10,000	\$10,000
CAPITAL OUTLAY	\$1,002	\$10,817	\$2,933	\$3,575	\$0	\$0		
INTEREST BAN		\$66,501						
LONG TERM CONTROL PLAN	\$60,977							
PILOT	\$878,493	\$878,494	\$878,494	\$878,494	\$878,494	\$878,495	\$856,090	\$856,090
TRANSFER TO BOND AND INTEREST			\$803,562	\$945,463	\$950,163	\$944,338	\$1,192,235	\$1,192,235
FUNDING FOR WASTEWATER RESERVE FUND	\$325,000	\$325,000	\$617,700	\$617,700	\$617,700	\$617,700	\$410,000	\$410,000
TRANSFER TO WATER (LOAN)	\$250,000	\$500,000	\$900,000	\$1,000,000				
TRANSFER TO WASTEWATER RESERVE (LOAN)								
TOTAL DISBURSEMENTS	\$6,358,806	\$6,655,864	\$7,698,522	\$8,915,279	\$7,556,562	\$7,301,657	\$8,133,816	\$8,399,856
ENDING BALANCE FUND 606	\$775,671	\$1,191,748	\$365,796	\$1,275,902	\$1,147,006	\$1,272,369	\$1,195,195	\$739,272

EAST CHICAGO SANITARY DEPARTMENT WASTEWATER
REVENUE BY YEAR

		ACTUAL 2016	ACTUAL 2017	ACUAL 2018	ACTUAL 2019	BUDGET 2020	BUDGET 2020 REVISED	2019 RATES	2015 RATES
MEASURED REVENUES	352200	\$9,847	\$13,114	\$46,955	\$57,399	\$50,000	\$50,000	\$50,000	\$12,000
RESIDENTIAL	352210	\$1,122,540	\$1,386,761	\$1,374,766	\$1,245,176	\$1,649,719	\$1,300,000	\$1,649,719	\$1,439,531
COMMERICAL	352220	\$811,327	\$873,776	\$811,590	\$930,035	\$973,908	\$945,000	\$973,908	\$937,530
INDUSTRIAL	352230	\$3,797,355	\$4,355,282	\$4,224,920	\$4,597,173	\$4,858,164	\$4,700,000	\$4,858,164	\$4,825,643
PUBLIC AUTHORITY	352240	\$263,879	\$298,209	\$295,890	\$361,418	\$355,068	\$380,000	\$355,068	\$282,761
PRETREATMENT BASE	353670	\$201,971	\$210,702	\$211,203	\$207,694	\$116,700	\$208,000	\$116,700	\$218,872
PRETREATMENT MONITORING	353680	\$174,041	\$183,948	\$163,858	\$156,324	\$94,120	\$156,000	\$94,120	\$218,872
MISCELLANEOUS (TAP FEES)	353690	\$1,500	\$2,000	\$1,000	\$1,000	\$1,500	\$1,500	\$1,500	\$1,100
RENT	353400	\$40,480	\$25,214	\$25,971	\$26,750	\$26,750	\$26,750	\$25,000	\$34,300
OTHER	353600	\$61,271	\$62,859	\$72,351	\$31,871	\$88,287	\$36,000	\$88,287	\$75,000
INTEREST	353610	\$1,012	\$820	\$23,871	\$45,603	\$45,000	\$45,000	\$45,000	\$1,000
OVER/SHORT	353630	-\$666	-\$1,102	\$0	(\$184,005)		\$0		
REIMBURSEMENT	369800	\$591,915	\$0	\$0	\$11,530		\$0		
TRANSFER DORMANT FUND	391300				\$38,683		\$0		
SALE OF FIXED ASSETS	392100				\$711		\$0		
TOTAL		\$7,076,472	\$7,411,583	\$7,252,375	\$7,527,361	\$8,259,216	\$7,848,250	\$8,257,466	\$8,046,609

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
\$8,300,000 SANITARY DISTRICT REVENUE BOND ANTICIPATION NOTES OF 2020**

TERM SHEET

Type of Borrowing:	Sanitary District Revenue Bond Anticipation Notes of 2020 (the “2020 BANs”)
Issuer:	East Chicago (Indiana) Sanitary District (the “District”)
Amount:	\$8,300,000
Dated Date/Closing:	June 4, 2020
Authorization:	Bond Resolution No. SD19-22 was adopted by the Board of Sanitary Commissioners on November 7, 2019 (the “Bond Resolution”). See attachment C to this Term Sheet. To the extent there is a conflict between the Bond Resolution and this Term Sheet, the Bond Resolution shall control.
Purpose:	The District is issuing the 2020 BANs for the purpose of paying costs of certain additions, extensions and improvements to the District’s sewage works related to improvements of pump stations, wastewater treatment plant and the combined sewer overflow lagoon.
Term:	The 2020 BANs will mature on June 4, 2023.
Optional Redemption:	Commencing one year after their date of issuance, the 2020 BANs are prepayable by the District, in whole or in part, on any date, upon 30 days’ notice to the owner of the 2020 BANs, with no premium (not withstanding anything in the Bond Resolution outstanding).
Interest Rate:	The 2020 BANs will bear interest at a rate of 1.75%.
Interest Calculation:	Interest on the 2020 BANs shall be calculated on the basis of a 360-day year consisting of twelve 30-day months.
Interest Payment:	Interest will be payable each year on January 15 and at maturity or upon redemption.
Principal Payment:	Principal will be payable at maturity or through optional redemption, whichever occurs sooner.
Denominations:	Multiples of \$100,000 and increments of \$5,000 in excess thereof as designated in the purchase agreement.
Tax Exempt:	In the opinion of Faegre Drinker Biddle & Reath LLP, Bond Counsel, under existing law, interest on the 2020 BANs is excludable from gross income for federal income tax purposes under Section 103 of the Internal Revenue Code of 1986, as amended and in effect on the date of issuance of the 2020 BANs (the “Code”). Such exclusion is conditioned on continuing compliance with the Tax Covenants. In the opinion of Bond Counsel, under existing law, interest on the 2020 BANs is exempt from taxation in the State of Indiana for all purposes, except the Indiana financial institutions tax.
Bank Qualified:	The 2020 BANs are designated as “Qualified Tax-Exempt Obligations” as described in Section 265(b)(3) of the Code.

Rating:	No rating has been requested.
Book-Entry:	The 2020 BANs will not be held in book-entry-only system. The 2020 BANs will instead be registered in the name of the Lender.
CUSIP:	At the direction of the Lender, no CUSIP numbers were applied for the 2020 BANs.
Security:	The District shall pledge to the payment of principal of the 2020 BANs the proceeds from the issuance of revenue bonds authorized for such purpose under the Bond Resolution (the “Bonds”). Interest on the 2020 BANs shall be payable from Net Revenues of the Sewage Works (such pledge of Net Revenues is subordinate to the pledge of Net Revenues to the District’s outstanding 2015 Bonds).
Potential Impacts Resulting from Coronavirus (Covid-19):	<p>On March 6, 2020, Indiana Governor Eric Holcomb issued Executive Order 20-02 which declared the Coronavirus Disease 2019 (“COVID-19”) outbreak in Indiana to be a public health disaster emergency. On March 11, 2020, the World Health Organization proclaimed COVID-19 to be a pandemic, and on March 13, 2020, the President of the United States declared a national emergency related to COVID-19. In an effort to lessen the risk of transmission of COVID-19, the United States government, state governments, local governments and private industries have taken measures to limit social interactions affecting business activities and impacting global, state and local commerce and financial markets. The emergence of COVID-19 and the spread thereof is an emerging and evolving issue. To address the social and economic impacts of COVID-19, Governor Holcomb has issued multiple executive orders, including Executive Order 20-05 on March 19, 2020, Executive Order 20-21 on April 15, 2020 and Executive Order 20-23 on April 23, 2020. These Executive Orders provide and allow for taxpayer relief, including an extension of time related to state income tax liabilities, orders counties to waive penalties for 60 days on non-escrowed property taxes, and for 60 days on special assessments and fees that are included on the property tax bills and collected as part of the property tax payment, which are paid after the May 11, 2020 due date, extends deadlines for submitting business personal property returns and property tax incentive applications and provides the Indiana Department of Revenue with the authority to waive any penalties and interest that are directly related to taxes, estimated payment or other amounts due in response to extensions related to COVID-19.</p> <p>As the federal, state, and local governments, including the District, continue efforts to contain and limit the spread COVID-19 disease, future revenue collections may deviate from anticipated and historical revenue collections and may have an adverse impact on the financial position and operations of the District and its ability to fund debt obligations, including the bonds in accordance with their terms. The District is not able to predict and makes no representations as to the economic impact of the COVID-19 pandemic on the District or its financial position.</p>
Disclosure:	The Lender will receive copies of all legal documents including the Bond Resolution, opinions and such other information that the Lender deems necessary. No Official Statement and no Continuing Disclosure Undertaking Agreement will be delivered to the Lender. The District and its advisors are available for due diligence discussions and investigations.

Lender Requirements: The Lender will be expected to execute a purchase agreement and deliver a “sophisticated investor” letter at closing in a form prepared by Bond Counsel and satisfactory to the District substantially in the form set forth in Attachment D to this Term Sheet. The Bond Counsel opinion will be provided at closing at the expense of the District.

Issue Price: By submitting a bid, the Lender will be required to assist the District, if necessary, to establish an “issue price” for the 2020 BANs for federal tax purposes and shall execute and deliver to the District at closing an “issue price” certificate, together with the supporting pricing wires or equivalent communications, with such modifications as may be appropriate or necessary, in the reasonable judgment of the District and Bond Counsel.

Local Contacts: Mr. Valeriano Gomez, Controller, vgomez@eastchicago.com
Mr. Kenneth L. Myers, Compliance Manager, kmyers@eastchicago.com
Dr. Abderrahman Zehraoui, Director of Utilities, azehraoui@eastchicago.com

District Counsel: Mr. Joe Allegretti, Attorney at Law, joe@joeallegretti.com

Legal Opinion: Mr. Scott E. Peck, Faegre Drinker Biddle & Reath LLP, Scott.Peck@Faegredrinker.com

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Municipal Advisor: Mr. Andre J. Riley, Baker Tilly Municipal Advisors, LLC, Andre.Riley@bakertilly.com

Baker Tilly Municipal Advisors, LLC (the “Municipal Advisor” or “Baker Tilly”) is a registered municipal advisor and a wholly-owned subsidiary of Baker Tilly Virchow Krause, LLP, an accounting firm and has been retained by the District to provide certain financial advisory services including, among other things, preparation of the Term Sheet. The information contained in the Term Sheet has been compiled from records and other materials provided by District officials and other sources deemed to be reliable. The Municipal Advisor has not and will not independently verify the completeness and accuracy of the information contained in the Term Sheet.

The Municipal Advisor’s duties, responsibilities and fees arise solely as Municipal Advisor to the District and they have no secondary obligations or other responsibility.

Municipal Advisor Registration:

Baker Tilly is a Municipal Advisor registered with the Securities and Exchange Commission and the Municipal Securities Rulemaking Board. As such, Baker Tilly is providing certain specific municipal advisory services to the District but

is neither a placement agent to the District nor a broker/dealer and cannot participate in the underwriting of the 2020 BANs.

The sale of the 2020 BANs shall be made by the District, in the sole discretion of the District, and under its control and supervision. The District has agreed that Baker Tilly does not undertake to sell or attempt to sell the 2020 BANs and will take no part in the sale thereof.

Other Financial Industry Activities and Affiliations:

Baker Tilly Investment Services, LLC (“BTIS”) is registered as an investment adviser with the Securities and Exchange Commission (“SEC”) under the federal Investment Advisers Act of 1940. BTIS provides non-discretionary investment advice with the purpose of helping clients create and maintain a disciplined approach to investing their funds prudently and effectively. BTIS may provide advisory services to the clients of Baker Tilly.

Baker Tilly Virchow Krause, LLP is an advisory, tax and assurance firm headquartered in Chicago, Illinois. Baker Tilly Virchow Krause, LLP and its affiliated entities, have operations in North America, South America, Europe, Asia and Australia. BTIS is an independent member of Baker Tilly International, a worldwide network of independent accounting and business advisory firms in 47 territories, with 33,600 professionals.

Baker Tilly Capital, LLC, a wholly-owned subsidiary of Baker Tilly Virchow Krause, LLP is a limited purpose broker/dealer registered with the SEC and member of the Financial Industry Regulatory Authority (“FINRA”). Certain representatives of Baker Tilly or BTIS also may be registered representatives of Baker Tilly Capital, LLC.

Baker Tilly has no other activities or arrangements that are material to its advisory business or its clients with a related person who is a broker-dealer, investment company, other investment adviser or financial planner, bank, law firm or other financial entity.

Attachments:

- A. General Information*
- B. Accountants’ Compilation Report
- C. Bond Resolution
- D. Form of Bond Opinion
- E. Indiana State Board of Accounts Audit Report – 01/01/2018 – 12/31/2018
<https://www.in.gov/sboa/WebReports/B53020.pdf>

*The General Information section contains information regarding the tax base of the District; however, NO PROPERTY TAXES ARE PLEDGED TO PAYMENT OF THE 2020 BANs.

ATTACHMENT A

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*The General Information section contains information regarding the tax base of the Sanitary District; however, NO PROPERTY TAXES ARE PLEDGED TO PAYMENT OF THE SANITARY DISTRICT REVNEUNE BOND ANTICIPATION NOTES OF 2020.

EAST CHICAGO SANITARY DISTRICT
(Sewage Works)

SYSTEM OVERVIEW AND FACILITIES

The East Chicago Sanitary District (the “District”), serves approximately 30,000 residents and a myriad of businesses. The District operates a Class IV treatment facility consisting of preliminary grit removal, an influent flow meter, two (2) oxidation ditches, five (5) clarifiers, six (6) rapid sand filters, post aeration, ultraviolet light disinfection, phosphorus removal by ferric sulfate, and an effluent flow meter, along with all of the necessary systems and equipment to return a design average daily flow of 15 million gallons per day (“MGD”) of treated wastewater back into the Grand Calumet River and up to a peak design flow of 27 MGD. The wastewater treatment plant is also designed to handle a design peak instantaneous flow of 36 MGD during rainstorm events. The collection system is comprised of combined sanitary and storm sewers with three (3) CSO locations, ten (10) sewer sub-basins, two (2) combined lift stations, three (3) storm runoff lift stations, three (3) sanitary stations, three (3) storm relief stations, and a 142 million gallon storage lagoon.

RATES

The rates for the District are set and approved by the Common Council of East Chicago. The last rate increase was effective September 1, 2016. In addition, it is anticipated there will be increases in rates and charges through a rate case with the Indiana Utility Regulatory Commission (IURC). The timing and amount of the rate increase is unknown at this time.

RATE HISTORY

<u>Year</u>	<u>Date Approved</u>	<u>Ordinance</u>	<u>Bill – 4,000 Gallons</u>
1997	June 20, 1997	97-0006	10.88
2013	December 26, 2012	12-0037	14.83
2016 – Phase I	November 23, 2015	15-0023	16.47
2016 – Phase II	November 23, 2015	15-0023	18.26

Approved by the Common Council of East Chicago.

DEBT SERVICE COVERAGE

<u>Year</u>	<u>Net Revenues</u>	<u>Debt Service</u>	<u>Coverage</u>
2015	\$1,608,805	\$69,700	2,308%
2016	1,910,078	347,157	550%
2017	1,864,974	947,213	197%
2018	2,102,213	947,138	222%
2019	2,858,746	946,538	302%

USER CONNECTIONS

Based upon information provided by the Indiana State Board of Accounts and utility billing personnel, the number of District customers is reported as follows:

<u>Year</u>	<u>Number of Customers</u>	
2010	7,329	
2011	7,259	
2012	7,192	
2013	7,216	
2014	7,167	
2015	6,931	
2016	8,213	
2017	6,891	(1)
2018	6,979	
2019	6,824	

- (1) Loss of customers due to EPA clean-up of contaminated sites which saw the closing of an elementary school and demolition of housing project units.

CUSTOMER USE

	<u>Percent of Total Revenues</u>				
	<u>Residential</u>	<u>Commercial</u>	<u>Industrial</u>	<u>Governmental</u>	<u>Total</u>
2015	19%	12%	66%	3%	100%
2016	19%	14%	63%	4%	100%
2017	20%	13%	63%	4%	100%
2018	21%	12%	63%	4%	100%
2019	18%	13%	64%	5%	100%

LARGE USERS

The following is a list of the ten largest users of the District according to the utility records. Total billed revenue for the twelve months ended December 31, 2019 was \$6,091,930. The ten largest users as presented below accounted for approximately 58 percent of billed revenue.

<u>Name</u>	<u>Type of Business</u>	Twelve Months Ended 12/31/2019		
		<u>Usage (Gallons)</u>	<u>Billed Revenue</u>	<u>%</u>
ArcelorMittal USA LLC	Mfg. iron & steel	326,341,443	\$1,284,776	21.1%
Praxair Distribution, Inc.	Industrial gas supplier	263,928,863	1,032,811	17.0%
United States Steel	Mfg. of steel	82,701,000	334,885	5.5%
W. R. Grace	Chemical manufacturer	71,034,052	276,308	4.5%
Safety Kleen	Oil re-refinery	44,906,771	178,927	2.9%
St. Catherine Hospital	Hospital	32,828,017	130,611	2.1%
Ameristar	Casino/hotel/restaurants	22,813,783	93,220	1.5%
Millennia Housing Management	Apartment homes	16,360,947	80,067	1.3%
National Processing	Steel processing	18,824,636	71,141	1.2%
United States Gypsum Co.	Mfg. wallboard, joint compounds	14,171,011	70,363	1.2%
Totals		<u>893,910,523</u>	<u>\$3,553,109</u>	<u>58.3%</u>

GENERAL PHYSICAL AND DEMOGRAPHIC INFORMATION

LOCATION

The East Chicago Sanitary District (the “Sanitary District” or “District”) is coterminous with the City of East Chicago (the “City”) and is located in Lake County in northwest Indiana. The District is approximately 25 miles southeast of Chicago and 160 miles northwest of Indianapolis.

GENERAL CHARACTERISTICS

The City of East Chicago, one of the first industrial cities, was originally incorporated as a railroad and steel town. The City is heavily industrial with steel production, fabrication, and petroleum refining. The City also includes strong logistics, healthcare and commercial industries as well.

The Ameristar Casino and hotel, East Chicago Marina and the Indiana Harbor Yacht Club provide a variety of activities for residents. The East Chicago Public Library has two branches in the City which offer many services and programming. The City’s proximity to Chicago provides additional employment, recreational, cultural, and educational opportunities to local residents.

ADMINISTRATION AND STAFF

The management of the District is under the direction of a five-member board of commissioners. The District Director of Utilities oversees the day-to-day operations of the system. The District currently employs 26 personnel with union representation as follows:

<u>Union Name</u>	<u>Union Representation</u>	<u>Number of Members</u>	<u>Contract Expiration Date</u>
Teamsters Local 142	Sanitary District	19	12/31/20

PLANNING AND ZONING

A nine-member Plan Commission provides for orderly growth for residential, commercial and industrial areas within the City and a two-mile jurisdiction surrounding its limits. The City also has a five-member Board of Zoning Appeals.

EDUCATION

The School City of East Chicago serves residents of the City. The superintendent’s office reports the 2019/20 enrollment for the School Corporation at 3,707 students, with approximately 306 certified and 345 non-certified employees. The School Corporation provides special education and vocational education for its students.

HIGHER EDUCATION

Ivy Tech State College is located in the City providing higher education to residents of the City. In addition, there are several institutions of higher learning located in Lake County within commuting distance of the City, including Calumet College of St. Joseph and Indiana University Northwest and Purdue University Northwest.

PENSION OBLIGATIONS

Public Employees' Retirement Fund

Plan Description

The Indiana Public Employees' Retirement Fund ("PERF") Defined Benefit Plan is a cost-sharing multiple-employer defined benefit plan and provides retirement, disability, and survivor benefits to plan members. PERF is administered through the Indiana Public Retirement System ("INPRS") Board in accordance with state statutes (IC 5-10.2, IC 5-10.3) and administrative code (35 IAC 1.2), which governs most requirements of the system and gives the City authority to contribute to the plan.

My Choice: Retirement Savings Plan for Public Employees ("My Choice") is a multiple-employer defined contribution plan. It is administered through the Indiana Public Retirement System (INPRS) Board in accordance with state statutes (IC 5-10.2, IC 5-10.3) and administrative code (35 IAC 1.2), which governs most requirements of the system and gives the City authority to contribute to the plan.

New employees hired have a one-time election to join either the Public Employees' Hybrid Plan (PERF Hybrid) or the My Choice: Retirement Savings Plan for Public Employees (My Choice), which is a multiple-employer defined contribution plan. PERF Hybrid consists of two components: PERF DB, the employer-funded monthly defined benefit component, and the Public Employees' Hybrid Members Defined Contribution Account, the defined contribution component.

Financial Report

INPRS issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole and for its participants. That report may be obtained by contacting:

Indiana Public Retirement System One
North Capitol, Suite 001 Indianapolis,
IN 46204
Ph. (844) 464-6777

Contributions

Members' contributions are set by state statute at 3 percent of compensation for both the defined contribution component of PERF Hybrid and My Choice. The employer may elect to make the contribution on behalf of the member of the defined contribution component of PERF Hybrid and My Choice members may receive additional employer contribution in lieu of the PERF DB. Contributions to the PERF DB are determined by INPRS Board based on actuarial valuation.

Employer contributions for the year 2019 were \$1,253,149. The Sewage Works contributions were \$156,166.

1925 Police Officers' Pension Plan Description

The 1925 Police Officers' Pension Plan is a single-employer defined benefit pension plan. The plan is administered by the local pension board as authorized by state statute (IC 36-8-6). The plan provides retirement, disability, and death benefits to plan members and beneficiaries. The plan was established by the plan administrator, as provided by state statute. The plan administrator does not issue a publicly available financial report that includes financial statements and required supplementary information of the plan.

Funding Policy

The contribution requirements of plan members for the 1925 Police Officers' Pension Plan are established by state statute.

On Behalf Payments

The 1925 Police Officers' Pension Plan is funded by the State of Indiana through the Indiana Public Retirement System as provided under Indiana Code 5-10.3-11.

1937 Firefighters' Pension Plan Description

The 1937 Firefighters' Pension Plan is a single-employer defined benefit pension plan. The plan is administered by the local pension board as authorized by state statute (IC 36-8-7). The plan provides retirement, disability, and death benefits to plan members and beneficiaries. The plan was established by the plan administrator, as provided by state statute. The plan administrator does not issue a publicly available financial report that includes financial statements and required supplementary information of the plan.

Funding Policy

The contribution requirements of plan members for the 1937 Firefighters' Pension Plan are established by state statute.

On Behalf Payments

The 1937 Firefighters' Pension Plan is funded by the State of Indiana through the Indiana Public Retirement System as provided under Indiana Code 5-10.3-11.

1977 Police Officers' and Firefighters' Pension and Disability Fund

Plan Description

The 1977 Police Officers' and Firefighters' Pension and Disability Fund is a cost-sharing multiple-employer defined benefit pension plan administered by the Indiana Public Retirement System (INPRS) for all police officers and firefighters hired after April 30, 1977, providing retirement, disability, and survivor benefits.

State statute (IC 36-8-8) regulates the operations of the system, including benefits, vesting, and requirements for contributions by employers and by employees. Covered employees may retire at age 52 with 20 years of service. An employee with 20 years of service may leave service, but will not receive benefits until reaching age 52.

Financial Report

INPRS issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole and for its participants. That report may be obtained by contacting:

Indiana Public Retirement System
One North Capitol, Suite 001
Indianapolis, IN 46204
Ph. (844) 464-6777

Contributions

The contribution requirements of plan members and the City are established by the Board of Trustees of INPRS based on actuarial valuation. Employers may pay all or part of the member contribution for the member.

The employer contributions in 2019 for the police were \$928,534 and for firefighters \$837,847.

Pension Report – 2019

The tables below have been obtained from the Indiana Gateway for Government Units located at <https://gateway.ifionline.org/>.

Pension Report - 2019
East Chicago Civil City, Lake County, Indiana

Name of the Pension Plan		City of East Chicago Dept of Redevelopment 401(a) Government Retirement Plan
Type or class of employees covered by the Plan	Salaried, Commission, Hourly customly employed for at least 20 hrs/week, 5 months/yr	
Type of Pension Plan	Defined Contribution	
IN Code that applied to this Plan	Department of Redevelopment IC 36-7-14-12.2(17)	
Does the Plan have terms related to vesting?	Yes	
If Yes, list the terms that must be met to vest	50% vested at entry date, 10% increase at anniversary of hire date, 100% vested at age 55, prior governmental service counts towards vesting	
Does the Plan have any terms related to forfeitures (i.e. benefits payable to a plan member must be forfeited in the event the member is convicted of a crime)?	Yes	
If Yes, latest file uploaded	1_313_2175_2019_20200228145456_2012-10-01 East Chicago Dept of Redevelopment Joinder.pdf	
Benefits provided under this Plan	Life Insurance Retirement Income	
Plan Administrator		
Company Name	Billings & Company LLC, a Group RHI Company	
Employer Sponsoring the Plan	City of East Chicago Dept of Redevelopment	
Current Number of Participants		
Active Employees that are Vested (e.g. 9999)	5	
Active Employees that are Not Vested (e.g. 9999)	0	
Separated Employees But are Vested (e.g. 9999)	0	
Current Number of Retirees (e.g. 9999)	0	

Employer contributions for the year 2019 were \$40,800.

Other Post-Employment Benefits

**East Chicago Civil City, Lake County, Indiana
Other Post-Employment Benefits (OPEB) 2019**

Name of the OPEB plan	City of East Chicago Self Insurance Plan
Type of OPEB plan	Defined Contribution
Select the benefits provided under this OPEB plan:	Medical,Dental,Vision,LifeInsurance,Other
If other was selected, please describe	Prescription
Plan Administrator	
Company Name	Professional Claims Management
Employer sponsoring the plan	11.73
Current Number of Participants	
Inactive employees or beneficiaries currently receiving benefit payments	67
Inactive employees entitled to but not yet receiving benefits	0
Active employees	249
Actuarial Information	
Has there been an actuarial valuation done for this plan within two and a half years from your most recent year end?	No
When are you planning to have an actuarial valuation done?	Next year
Contribution Rates (as a % of payroll)	
Employer (e.g. 99.99)	11.73%
Plan Members (e.g. 99.99)	0.01%
Annual Covered Payroll (e.g. 9999.99)	\$59,761,474.70
Cost Method for Funding Purposes	Individual Level Premium

Employer contributions for 2019 were \$5,436,210.

GENERAL ECONOMIC AND FINANCIAL INFORMATION

COMMERCE AND INDUSTRY

Lake County has become one of the most diverse counties in the state, according to Niche.com. The County is part of Northwest Indiana and the Chicago Metropolitan Area and its proximity to Chicago offers residents a full range of additional employment and cultural opportunities, as well as sporting events and other forms of entertainment. All major surface routes pass through Northwest Indiana, helping to create a robust transportation network for the County. Northern Lake County is heavily industrialized, and the larger industries are related to steel production, fabrication, petroleum refining, healthcare, and casinos.

One of the largest employers in Lake County is the United States Steel Corporation. According to the Northwest Indiana Times, in June 2016 the company laid off 25% of its salaried workforce company wide, including employees at the Gary facility. In November 2019, U.S. Steel announced additional layoffs of non-union workers, on top of 150 workers to be laid off as part of plans to idle East Chicago Tin.

On the southeast corner of Interstate 65 and U.S. 231 a new development is being planned that will include a new Franciscan Health hospital and the possible relocation of Andrean High School, according to the NWI Times. The Franciscan Health Hospital will include five floors and 150-200 beds, with the future ability to double in size. The facility will include a state-of-the-art acute rehabilitation unit and comprehensive stroke center. The hospital is expected to be open in late 2022. The 510-acre development will also include an expansion for the University of Saint Francis, which currently includes a facility on the property, and other retail and residential projects. The University of Saint Francis plans on doubling its size and adding more degree programs such as physical therapy, radiology and surgical tech to its current nursing educational classes. The expansion is expected to be complete in 2021. The hospital and university will represent an investment of \$227 to \$300 million with some expecting the investment to be closer to \$400 to \$500 million. The development is to be one of the largest healthcare investments and development projects that the region has seen in recent years. Of the 510 acres, 120 acres will be occupied by the hospital and university, 60 acres for the potential school, 80 for commercial and retail development, and the remaining 250 acres are being considered for residential, commercial or business park development.

In September 2019, Community Healthcare System opened an additional 129,000-square-foot hospital in the City of Crown Point known as the Community Stroke and Rehabilitation Hospital. The estimated \$40 million investment is expected to create up to 100 full-time jobs, according to Inside Indiana Business. Services at the facility include therapies for complex stroke, traumatic brain injury, and neurological conditions as well as spinal cord treatments. The 40-bed inpatient facility is the only freestanding dedicated rehabilitation center in Northwest Indiana.

Ground was broken in January 2020 on a \$300 million Hard Rock Casino in Gary that is expected to have approximately 1,600 employees. The casino will include retail space, dining options, and a 2,000-seat entertainment space. A 300-room hotel will be added at a later date.

The City is continuously seeking opportunities to improve the quality of life for all who live and do business in East Chicago. Such projects as the North Harbor Redevelopment Project, an initiative which involves redeveloping North Harbor along Main Street, Michigan Avenue, and Guthrie. The project includes streetscape improvement, new housing and retail spaces along Main Street, traffic redirection and road realignment and the addition of new community parks.

The City broke ground in May 2018 on a \$4 million demolition and redevelopment of Fitzsimmons Furniture on Main Street. The redevelopment will bring new shopping options to area residents and spur economic development and help restore the North Harbor downtown district.

In April 2020, ArcelorMittal announced it was considering layoffs of non-represented workers due to the coronavirus pandemic. At this time, the number of layoffs and locations are yet to be released.

East Chicago Gateway Partnership plans has taken ownership of a 440-acre property that is the former site of a DuPont facility. A \$26.6 million cleanup is being performed as part of the redevelopment under the federal Opportunity Zone program. The partnership plans to create a \$1 million-square-foot logistics center and take

advantage of the site's proximity to the Gary/Chicago International Airport. By 2021 the company hopes to have a concrete pad in place with a warehouse to be built soon after.

In May 2018, Ameristar Casino Hotel East Chicago ("Ameristar") opened a \$6 million landside gaming room, according to Inside Indiana Business. The 15,000-sqaure-foot land-based high-limit slots and table games room includes 95 slot machines, 14 table games, two food stations and a full bar. Ameristar also completed a \$15 million renovation of its four-level riverboat casino.

LARGE EMPLOYERS

Below is a list of the City's largest employers. The number of employees shown are as reported by company personnel unless otherwise noted. Because of reporting time lags and other factors inherent in collecting and reporting such information, the statistics may not reflect recent employment levels.

<u>Name</u>	<u>Type of Business</u>	<u>Reported Employment</u>
ArcelorMittal USA LLC	Mfg. iron & steel	3,997
Ameristar Casino Hotel East	Casino/hotel/restaurants	1,800
St. Catherine Hospital, Inc.	Health care	867
Ivy Tech Community College	Public education	828
School City of East Chicago	Public education	651 (1)
City of East Chicago	City government	472
Praxair Distribution Inc.	Industrial gas supplier	200
United States Gypsum Co.	Mfg. wallboard, joint compounds	186
Lake County Nursing & Rehabilitation	Nursing home	115
National Material Lp	Steel processing	100

(1) Includes 306 certified and 345 non-certified employees.

EMPLOYMENT

<u>Year</u>	<u>Unemployment Rate</u>		
	<u>City of East Chicago</u>	<u>Lake County</u>	<u>Indiana</u>
2014	10.6%	7.9%	6.0%
2015	9.1%	6.8%	4.8%
2016	8.9%	6.3%	4.4%
2017	7.2%	5.1%	3.6%
2018	6.6%	4.9%	3.5%
2019, Dec.	6.9%	4.9%	3.0%
2020, Feb.	6.7%	5.1%	3.4%

Source: Indiana Business Research Center. Data collected as of April 20, 2020.

BUILDING PERMITS

Provided below is a summary of the number of building permits and estimated construction costs for the City.

<u>Year</u>	<u>Residential</u>		<u>Commercial</u>	
	<u>Total Permits</u>	<u>Estimated Costs</u>	<u>Total Permits</u>	<u>Estimated Costs</u>
2015	1,103	\$8,440,624	136	\$13,050,212
2016	1,123	8,063,009	160	11,943,754
2017	1,035	7,368,595	147	14,137,268
2018	819	8,730,610	142	36,800,983
2019	1,026	8,251,008	272	23,423,975

Source: City of East Chicago Building Department.

POPULATION

<u>Year</u>	<u>City of East Chicago</u>		<u>Lake County</u>	
	<u>Population</u>	<u>Percent of Change</u>	<u>Population</u>	<u>Percent of Change</u>
1970	46,982	-18.53%	546,253	6.43%
1980	39,786	-15.32%	522,917	-4.27%
1990	33,892	-14.81%	475,594	-9.05%
2000	32,414	-4.36%	484,564	1.89%
2010	29,698	-8.38%	496,005	2.36%
2018, Est.	27,930	-5.95%	484,440	-2.33%

Source: U.S. Census Bureau.

AGE STATISTICS

	<u>City of East Chicago</u>	<u>Lake County</u>
Under 25 Years	12,221	170,479
25 to 44 Years	7,537	125,453
45 to 64 Years	6,583	134,203
65 Years and Over	3,357	65,870
Totals	29,698	496,005

Source: U.S. Census Bureau's 2010 Census.

EDUCATIONAL ATTAINMENT

<u>Years of School Completed</u>	<u>Persons 25 and Over</u>	
	<u>City of East Chicago</u>	<u>Lake County</u>
Less than 9th grade	14.3%	4.3%
9th to 12th grade, no diploma	15.0%	7.6%
High school graduate	35.7%	35.0%
Some college, no degree	19.6%	22.5%
Associate's degree	6.4%	8.5%
Bachelor's degree	6.4%	14.8%
Graduate or professional degree	2.6%	7.3%

Source: U.S. Census Bureau's 2014-2018 American Community Survey 5-Year Estimates.

MISCELLANEOUS ECONOMIC INFORMATION

	City of East Chicago	Lake County	Indiana
Per capita income, past 12 months*	\$16,510	\$27,660	\$28,461
Median household income, past 12 months*	\$31,907	\$54,249	\$54,325
Average weekly earnings in manufacturing (3rd qtr. of 2019)	N/A	\$1,649	\$1,136
Land area in square miles - 2010	14.09	498.96	35,826.11
Population per land square mile - 2010	2,107.7	994.1	181.0
Retail sales in 2012:			
Total retail sales	\$120,077,000	\$7,495,296,000	\$85,857,962,000
Sales per capita**	\$4,043	\$15,111	\$13,242
Sales per establishment	\$2,554,830	\$4,953,930	\$3,974,722

*In 2018 inflation-adjusted dollars – 5-year estimates

**Based on 2012 Population.

Source: Bureau of Census Reports and the Indiana Business Research Center. Data collected as of April 20, 2020.

<u>Employment and Earnings - Lake County 2018</u>	<u>Earnings</u> (In 1,000s)	<u>Percent of Earnings</u>	<u>Labor Force</u>	<u>Distribution of Labor Force</u>
Services	\$5,162,647	37.98%	112,857	45.54%
Manufacturing	2,704,738	19.90%	24,018	9.69%
Government	1,435,312	10.56%	26,965	10.88%
Construction	1,180,142	8.68%	15,195	6.13%
Other*	880,015	6.47%	8,471	3.42%
Retail Trade	838,987	6.17%	28,191	11.38%
Transportation and warehousing	721,846	5.31%	12,622	5.09%
Finance, insurance and real estate	570,995	4.20%	16,892	6.82%
Information	94,364	0.69%	1,765	0.71%
Mining	9,128	0.07%	197	0.08%
Forestry, fishing, related activities	4,030	0.03%	175	0.07%
Farming	(7,583) (1)	-0.06%	468	0.19%
Totals	<u>\$13,594,621</u>	<u>100.00%</u>	<u>247,816</u>	<u>100.00%</u>

(1) The farming production expenses in Lake County were greater than cash receipts and other income.

* In order to avoid disclosure of confidential information, specific earnings and employment figures are not available for the utilities and wholesale trade sectors. The data is incorporated here.

Source: Bureau of Economic Analysis and the Indiana Business Research Center. Data collected as of April 20, 2020.

<u>Adjusted Gross Income</u>	<u>Year</u>	<u>Lake County Total</u>
	2013	\$10,510,042,226
	2014	10,764,593,178
	2015	10,875,182,201
	2016	11,159,170,445
	2017	11,600,375,952

Source: Indiana Department of Revenue.

SCHEDULE OF INDEBTEDNESS

The following schedule shows the outstanding indebtedness of the Sanitary District and the taxing units within and overlapping its jurisdiction as of April 23, 2020, including issuance of the 2020 BANs, as reported by the respective taxing units.

<u>Direct Debt</u>	<u>Original Par Amount</u>	<u>Final Maturity</u>	<u>Outstanding Amount</u>
Self-Supporting Revenue Debt			
Sanitary District Revenue Bond Anticipation Notes of 2020	\$8,300,000	06/04/23	\$8,300,000
Sanitary District Bonds, Series 2015	12,940,000	07/15/35	<u>11,025,000</u>
Total Direct Debt			<u><u>\$19,325,000</u></u>
<u>Overlapping Debt</u>	<u>Total Debt</u>	<u>Percent Allocable to Sanitary District</u>	<u>Amount Allocable to Sanitary District</u>
Self-Supporting Revenue Debt			
City of East Chicago	\$40,648,000	100.00%	<u>\$40,648,000</u>
Self-Supporting Revenue Debt			<u>40,648,000</u>
Tax Supported Debt			
Lake County	97,075,000	8.62%	8,367,865
City of East Chicago	13,219,992	100.00%	13,219,992
School City of East Chicago	18,890,000	100.00%	18,890,000
Lake County Solid Waste District	3,585,000	8.62%	<u>309,027</u>
Tax Supported Debt			<u>40,786,884</u>
Total Overlapping Debt			<u><u>\$81,434,884</u></u>

(1) Based upon the 2018 payable 2019 net assessed valuation of the respective taxing units.

The schedule presented above is based on information furnished by the obligors or other sources and is deemed reliable. The Sanitary District makes no representation or warranty as to its accuracy or completeness.

DEBT RATIOS

The following presents the ratios relative to the revenue supported indebtedness of the Sanitary District as of April 23, 2020, including issuance of the 2020 BANs.

	Direct Sanitary District Revenue Supported Debt <u>\$19,325,000</u>
Per capita (1)	\$691.91
Per user (2)	
Sanitary District	\$2,831.92

- (1) According to the U.S. Census Bureau, the estimated 2018 population of the Sanitary District is 27,930.
- (2) Based upon the billing records, the current number of users are as follows:
- | | |
|-------------------|-------|
| Sanitary District | 6,824 |
|-------------------|-------|

SCHEDULE OF HISTORICAL NET ASSESSED VALUATION

(As Provided by the Lake County Auditor's Office)

<u>Year</u> <u>Payable</u>	<u>Real Estate</u>	<u>Utilities</u>	<u>Personal</u> <u>Property</u>	<u>Total</u> <u>Taxable Value</u>
2015	\$580,776,669	\$47,075,060	\$638,139,256	\$1,265,990,985
2016	580,607,587	47,012,610	1,084,484,161	1,712,104,358
2017	577,167,138	51,146,170	1,229,409,938	1,857,723,246
2018	584,471,278	49,537,390	1,326,892,503	1,960,901,171
2019	591,634,972	56,063,490	1,339,913,799	1,987,612,261
2020 (1)	N/A	N/A	N/A	2,032,422,619

(1) Certified net assessed valuation per the Department of Local Government Finance ("DLGF").

NOTE: Net assessed valuations represent the assessed value less certain deductions for the blind, as well as tax-exempt property.

Real property is valued for assessment purposes at its true tax value as defined in the Real Property Assessment Rule, 50 IAC 2.4, the 2011 Real Property Assessment Manual ("Manual"), as incorporated into 50 IAC 2.4, and the 2011 Real Property Assessment Guidelines ("Guidelines"), as adopted by the DLGF. In the case of agricultural land, true tax value is the value determined in accordance with the Guidelines adopted by the DLGF and IC 6-1.1-4-13. In the case of all other real property, true tax value is defined as "the market value-in-use of a property for its current use, as reflected by the utility received by the owner or by a similar user, from the property."

P.L. 180-2016 revises the factors used to calculate the assessed value of agricultural land. This legislation is retroactive to the January 1, 2016 assessment date and applies to each assessment date thereafter. The revised factors enacted in the legislation may reduce the total assessed value of agricultural land, which could shift property tax liability from agricultural property owners to other property owners. In addition, the reduction in the assessed value of agricultural land may result in a reduction of the total assessed value of a Sanitary District. Lower assessed values of a Sanitary District may result in higher tax rates in order for a Sanitary District to receive its approved property tax levy.

Real property assessments are annually adjusted to market value based on sales data. The process of adjusting real property assessments to reflect market values has been termed "trending" by the DLGF.

The Manual permits assessing officials in each county to choose any acceptable mass appraisal method to determine true tax value, taking into consideration the ease of administration and the uniformity of the assessments produced by that method. The Guidelines were adopted to provide assessing officials with an acceptable appraisal method, although the Manual makes it clear that assessing officials are free to select from any number of appraisal methods, provided that they produce accurate and uniform values throughout the jurisdiction and across all classes of property. The Manual specifies the standards for accuracy and validation that the DLGF uses to determine the acceptability of any alternative appraisal method.

NOTE: THE BONDS ARE NOT PAYABLE FROM PROPERTY TAXES

DETAIL OF NET ASSESSED VALUATION

Assessed 2018 for Taxes Payable in 2019
(As Provided by the Lake County Auditor's Office)

	<u>Total</u>
Gross Value of Land	\$208,450,000
Gross Value of Improvements	<u>737,839,300</u>
Total Gross Value of Real Estate	946,289,300
Less: Mortgage Exemptions, Veterans, Blind	
Age 65 & Other Exemptions	(172,473,720)
Tax Exempt Property	(86,004,722)
TIF	<u>(96,175,886)</u>
Net Assessed Value of Real Estate	<u>591,634,972</u>
Business Personal Property	1,936,167,620
Less: Deductions	(572,408,271)
TIF	<u>(23,845,550)</u>
Net Assessed Value of Personal Property	<u>1,339,913,799</u>
Net Assessed Value of Utility Property	<u>56,063,490</u>
Total Net Assessed Value	<u><u>\$1,987,612,261</u></u>

NOTE: THE BONDS ARE NOT PAYABLE FROM PROPERTY TAXES

COMPARATIVE SCHEDULE OF CERTIFIED TAX RATES

Per \$100 of Net Assessed Valuation

	Year Taxes Payable				
	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Detail of Certified Tax Rate:					
Special Sanitary General	\$0.6233	\$0.5964	\$0.5880	\$0.6013	\$0.5868
Debt Service Exempt	<u>0.0484</u>	<u>0.0492</u>	<u>0.0445</u>	<u>0.0229</u>	<u>-</u>
Totals	<u><u>\$0.6717</u></u>	<u><u>\$0.6456</u></u>	<u><u>\$0.6325</u></u>	<u><u>\$0.6242</u></u>	<u><u>\$0.5868</u></u>
Total District Certified Tax Rate (1)					
East Chicago Corp (North)	\$4.7855	\$4.6205	\$4.3664	\$4.5499	\$4.4993

(1) Includes certified tax rates of overlapping taxing units.

Source: DLGF Certified Budget Orders for the Sanitary District.

NOTE: THE BONDS ARE NOT PAYABLE FROM PROPERTY TAXES

PROPERTY TAXES LEVIED AND COLLECTED

Collection Year	Certified Taxes Levied	Circuit Breaker Tax Credit (1)	Certified Taxes Levied Net of Circuit Breaker Tax Credit	Taxes Collected	Collected as Percent of Gross Levy	Collected as Percent of Net Levy
2015	\$11,014,122	(\$3,226,509)	\$7,787,613	\$6,938,226	62.99%	89.09%
2016	11,515,922	(1,582,121)	9,933,801	9,384,706	81.49%	94.47%
2017	12,009,142	(1,290,705)	10,718,437	10,314,347	85.89%	96.23%
2018	12,408,928	(1,275,750)	11,133,178	10,997,463	88.63%	98.78%
2019	12,382,500	(1,531,194)	10,851,306	10,971,897	88.61%	101.11%

Source: The Lake County Auditor's Office and the DLGF Certified Budget Orders for the Sanitary District.

(1) Circuit Breaker Tax Credits allocable to the Sanitary District per the DLGF.

Article 10, Section 1 of the Constitution of the State of Indiana (the "Constitutional Provision") provides that, for property taxes first due and payable in 2012 and thereafter, the Indiana General Assembly shall, by law, limit a taxpayer's property tax liability to a specified percentage of the gross assessed value of the taxpayer's real and personal property. Indiana Code § 6-1.1-20.6 (the "Statute") authorizes such limits in the form of a tax credit for all property taxes in an amount that exceeds the gross assessed value of real and personal property eligible for the credit (the "Circuit Breaker Tax Credit"). For property assessed as a homestead (as defined in Indiana Code § 6-1.1-12-37), the Circuit Breaker Tax Credit is equal to the amount by which the property taxes attributable to the homestead exceed 1% of the gross assessed value of the homestead. Property taxes attributable to the gross assessed value of other residential property, agricultural property, and long-term care facilities are limited to 2% of the gross assessed value, property taxes attributable to other non-residential real property and personal property are limited to 3% of the gross assessed value. The Statute provides additional property tax limits for property taxes paid by certain senior citizens.

The Statute categorizes property taxes levied to pay Debt Service Obligations as "protected taxes," regardless of whether the property taxes were approved at a referendum, and all other property taxes as "unprotected taxes." The total amount of revenue to be distributed to the fund for which the protected taxes were imposed shall be determined without applying the Circuit Breaker Tax Credit. The application of the Circuit Breaker Tax Credit must reduce only the amount of unprotected taxes distributed to a fund. The political subdivision may allocate the reduction by using a combination of unprotected taxes of the political subdivision in those taxing districts in which the Circuit Breaker Tax Credit caused a reduction in protected taxes. The tax revenue and each fund of any other political subdivisions must not be affected by the reduction.

NOTE: THE BONDS ARE NOT PAYABLE FROM PROPERTY TAXES

LARGE TAXPAYERS

The following is a list of the ten largest taxpayers located within the Sanitary District.

<u>Name</u>	<u>Type of Business</u>	<u>2019/20 Net Assessed Valuation</u>	<u>Percent of Total Net Assessed Valuation (1)</u>
BP Products North America, Inc.	Utility	\$790,733,650	38.90%
ArcelorMittal USA LLC (2) Metal Services LLC	Mfg. iron & steel	334,035,118	16.43%
Ameristar Casino East Chicago LLC (2)	Riverboat casino & hotel	97,758,300	4.81%
Indiana Harbor Coke Co. LP	Mfg. iron & steel	94,838,810	4.67%
Praxair Inc./Union Carbide Industrial Gasses Inc.	Industrial gas supplier	77,213,240	3.80%
United States Gypsum Co. (2)	Building materials	38,981,950	1.92%
Buckeye Terminals LLC	Petroleum pipeline	32,152,140	1.58%
Cokenergy LLC/ North Lake Energy LLC	Electric utility	26,757,810	1.32%
Safety Kleen Systems, Inc.	Mfg. machinery	23,556,690	1.16%
Northern Indiana Public Service Co. (NIPSCO)	Electric utility	<u>21,445,580</u>	<u>1.06%</u>
Totals		<u><u>\$1,537,473,288</u></u>	<u><u>75.65%</u></u>

- (1) The certified net assessed valuation of the Sanitary District is \$2,032,422,619 for taxes payable in 2020, according to the Lake County Auditor's office.
- (2) Located in a tax increment allocation area ("TIF"); therefore, all or a portion of the taxes are captured as TIF and not distributed to individual taxing units.

Source: County Auditor's office and the DLGF. Individual parcel data is submitted by the County Auditor to the DLGF once a year for preparation of the county abstract.

NOTE: THE BONDS ARE NOT PAYABLE FROM PROPERTY TAXES

The District certifies to the best of its knowledge and belief that this Official Statement, as of its date and as it relates to the District and its economic and financial condition, (i) is complete and accurate; (ii) does not contain any untrue statement of a material fact; and (iii) does not omit any material facts or information which would make the statements contained herein misleading.

This Official Statement and its execution are duly authorized.

EAST CHICAGO SANITARY DISTRICT

By: 
President, Board of Commissioners

Attest:


Secretary, Board of Commissioners

ATTACHEMENT B

(The following information has not been updated to reflect the actual results of the bond sale)



May 7, 2020

Board of Commissioners
East Chicago Sanitary District
5201 Indianapolis Blvd.
East Chicago, Indiana 46312

now joined with
Springsted and Umbaugh

Baker Tilly Virchow Krause, LLP
8365 Keystone Crossing, Ste 300
Indianapolis, IN 46240
United States of America

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ACCOUNTANTS' COMPILATION REPORT

Management is responsible for the accompanying financial statements of the East Chicago (Indiana) Sanitary District's Sewage Works System (the "Sewage Works"), which comprise the comparative schedule of selected financial information arising from cash transactions as of December 31, 2017, 2018 and 2019, and the related comparative schedule of cash receipts and disbursements for the twelve-month periods then ended in accordance with the cash basis of accounting, and for determining that the cash basis of accounting is an acceptable financial reporting framework. We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review Services promulgated by the Accounting and Review Services Committee of the AICPA. We did not audit or review the financial statements nor were we required to perform any procedures to verify the accuracy or completeness of the information provided by management. We do not express an opinion, a conclusion, nor provide any assurance on these financial statements.

The financial statements are prepared in accordance with the cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America.

Management has elected to omit substantially all the disclosures ordinarily included in financial statements prepared in accordance with the cash basis of accounting. If the omitted disclosures were included in the financial statements, they might influence the user's conclusions about the Sewage Work's assets, liabilities, equity, revenues and expenses. Accordingly, the financial statements are not designed for those who are not informed about such matters.

Baker Tilly Virchow Krause, LLP

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**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

HISTORICAL FINANCIAL INFORMATION

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

**COMPARATIVE SCHEDULE OF SELECTED FINANCIAL
INFORMATION ARISING FROM CASH TRANSACTIONS***

<u>Cash and Cash Equivalents:</u>	As of		
	<u>12/31/2017</u>	<u>12/31/2018</u>	<u>12/31/2019</u>
Wastewater Utility - Operating	\$1,275,902	\$1,147,006	\$1,272,369
Sinking Fund:			
Bond and Interest Account	472,981	475,256	472,306
Debt Service Reserve Account	949,727	959,009	977,189
Construction Funds	5,352,826	5,219,208	5,227,261
Wastewater Replacement Reserve	<u>1,512,697</u>	<u>1,787,426</u>	<u>1,852,244</u>
 Total Cash and Cash Equivalents	 <u><u>\$9,564,133</u></u>	 <u><u>\$9,587,905</u></u>	 <u><u>\$9,801,369</u></u>

Bonded Indebtedness:

Sanitary District Revenue Bonds, Series 2015	<u><u>\$12,340,000</u></u>	<u><u>\$11,825,000</u></u>	<u><u>\$11,295,000</u></u>
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- * Does not include Sanitary District Funds:
Solid Waste Operating, Solid Waste Bond and Interest, Sanitary District Revolving,
Sanitary District Rainy Day, and Stormwater Operating

(See Accountants' Compilation Report)

EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**COMPARATIVE SCHEDULE OF CASH RECEIPTS AND DISBURSEMENTS**

	For the Calendar Years Ended		
	12/31/2017	12/31/2018	12/31/2019
Operating Receipts:			
Metered/measured:			
Residential	\$1,388,148	\$1,374,766	\$1,245,176
Commercial	873,776	811,590	930,036
Industrial	4,355,282	4,224,920	4,597,173
Public authority	298,209	295,890	361,418
Pretreatment	394,650	375,061	364,019
Penalties	13,114	46,955	57,399
(Increase) decrease in receivables (1)	1,411,886	175,281	(102,106)
Total operating receipts	8,735,065	7,304,463	7,453,115
Operating Disbursements:			
Collections - maintenance	660,529	723,828	296,653
Pumping - operations	324,182	235,814	277,752
Pumping - maintenance	21,650	57,627	34,366
Treatment and disposal - operations	2,100,612	1,742,783	1,816,254
Treatment and disposal - maintenance	742,543	707,851	730,814
Customer accounts	188,434	233,626	235,028
Administrative and general	1,081,090	1,127,193	1,224,909
Monitoring	237,680	237,853	233,573
Common plant	106,588	39,756	10,010
(Increase) decrease in current liabilities	(55)	-	-
Total operating disbursements	5,463,253	5,106,331	4,859,359
Net operating receipts	3,271,812	2,198,132	2,593,756
Non-Operating Receipts:			
Interest and investment receipts	3,048	78,362	161,884
Tap fees	2,000	1,000	1,000
Sale of fixed assets	-	14,651	711
Miscellaneous receipts	88,074	107,820	108,832
Total non-operating receipts	93,122	201,833	272,427
Non-Operating Disbursements:			
Capital improvements (cash funded)	377,450	346,834	552,882
Project costs (Bonds)	142,973	202,977	90,050
Paying agent fees	750	750	750
Debt service - principal	500,000	515,000	530,000
Debt service - interest	447,213	432,138	416,538
Payment in lieu of taxes	878,494	878,494	878,494
Other	1,103	-	184,005
Total non-operating disbursements	2,347,983	2,376,193	2,652,719
Increase/(decrease) in cash	1,016,951	23,772	213,464
Beginning cash and cash equivalents balance	8,547,182	9,564,133	9,587,905
Ending cash and cash equivalents balance	\$9,564,133	\$9,587,905	\$9,801,369

(1) Includes an interfund loan to the Waterworks of \$900,000 in 2016, which was repaid in 2017.

(See Accountants' Compilation Report)

EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**COMPARATIVE SCHEDULE OF DETAILED OPERATING DISBURSEMENTS**

	For the Calendar Years Ended		
	12/31/2017	12/31/2018	12/31/2019
Operating Disbursements:			
Collections - maintenance:			
Supplies	\$19,206	\$9,466	\$1,473
Uniform rental	1,547	2,349	2,282
Contractual services - other	638,016	706,982	287,508
Rental of equipment	-	1,180	-
Miscellaneous	1,760	3,851	5,390
Total collections - maintenance	<u>660,529</u>	<u>723,828</u>	<u>296,653</u>
Pumping - operations:			
Utilities	<u>324,182</u>	<u>235,814</u>	<u>277,752</u>
Pumping - maintenance:			
Supplies	11,825	8,418	16,403
Oil and gasoline	7,350	4,865	3,240
Contractual services - other	<u>2,475</u>	<u>44,344</u>	<u>14,723</u>
Total pumping - maintenance	<u>21,650</u>	<u>57,627</u>	<u>34,366</u>
Treatment and disposal - operations:			
Salaries and wages	593,501	606,268	614,062
Pensions and benefits	117,948	119,418	120,066
Worker's compensation	9,437	6,627	6,402
Insurance - health/life	153,925	149,631	153,527
Education	338	-	80
Supplies	12,635	9,693	11,332
Chemicals	50,340	26,068	47,825
Oil and gasoline	3,779	2,454	1,189
Uniform rental	3,110	3,291	2,404
Repairs and maintenance	26,036	31,275	40,329
Contractual services - testing	52,074	57,030	43,244
Contractual services - other	-	6,736	32,322
Sludge removal	280,460	160,011	170,913
Transportation	138	497	335
Utilities	<u>796,891</u>	<u>563,784</u>	<u>572,224</u>
Total treatment and disposal - operations	<u>2,100,612</u>	<u>1,742,783</u>	<u>1,816,254</u>
Treatment and disposal - maintenance:			
Salaries and wages	449,379	401,437	398,802
Pensions and benefits	89,293	79,149	78,031
Worker's compensation	5,139	4,490	13,519
Insurance - health/life	116,327	100,876	108,861
Supplies	69,204	68,893	72,861
Uniform rental	3,185	3,209	2,033
Repairs and maintenance	4,650	-	2,644
Contractual services - other	4,197	48,757	53,883
Rental of equipment	<u>1,169</u>	<u>1,040</u>	<u>180</u>
Total treatment and disposal - maintenance	<u>742,543</u>	<u>707,851</u>	<u>730,814</u>
Customer accounts:			
Contractual services - other	<u>188,434</u>	<u>233,626</u>	<u>235,028</u>

(Continued on next page)

(See Accountants' Compilation Report)

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

(Cont'd)

COMPARATIVE SCHEDULE OF DETAILED OPERATING DISBURSEMENTS

	For the Calendar Years Ended		
	12/31/2017	12/31/2018	12/31/2019
Administrative and general:			
Salaries and wages	\$304,325	\$286,247	\$307,637
Pensions and benefits	52,864	49,943	53,768
Worker's compensation	2,694	2,595	2,846
Insurance - health/life	89,499	60,250	59,261
Insurance - liability	8,124	9,172	9,085
Insurance - other	4,975	3,100	1,500
Education	1,341	957	94
Supplies	9,473	5,794	4,691
Oil and gasoline	25,569	32,781	36,063
Repairs and maintenance	3,904	3,287	-
Rental of equipment	6,223	5,808	12,925
Contractual services - accounting	42,146	50,369	42,524
Contractual services - engineering	73,812	23,310	31,566
Contractual services - legal	17,699	11,250	36,054
Contractual services - other	27,942	36,410	41,830
Transportation	14	-	1,442
Telephone	47,810	45,557	51,635
Reimbursements	360,810	495,971	529,568
Subscriptions and dues	1,175	1,175	1,000
Miscellaneous	691	3,217	1,420
Total administrative and general	<u>1,081,090</u>	<u>1,127,193</u>	<u>1,224,909</u>
Monitoring:			
Salaries and wages	109,190	105,885	109,244
Pensions and benefits	21,179	20,367	20,867
Insurance - health/life	50,268	50,792	48,704
Worker's compensation	1,275	1,300	1,300
Supplies	4,058	570	2,079
Uniform rental	1,033	383	592
Contractual services - testing	48,728	55,831	47,787
Contractual services - other	1,949	2,725	3,000
Total monitoring	<u>237,680</u>	<u>237,853</u>	<u>233,573</u>
Common plant:			
Salaries and wages	51,974	19,947	-
Pensions and benefits	10,580	3,912	-
Insurance - health/life	23,768	7,900	-
Worker's compensation	1,050	350	-
Supplies	4,524	6,160	8,722
Uniform rental	780	967	1,043
Repairs and maintenance	3,131	-	-
Contractual services - testing	10,661	-	-
Miscellaneous	120	520	245
Total common plant	<u>106,588</u>	<u>39,756</u>	<u>10,010</u>
Total operating disbursements	<u>\$5,463,308</u>	<u>\$5,106,331</u>	<u>\$4,859,359</u>

(See Accountants' Compilation Report)

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

SUPPLEMENTAL DATA

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

CALCULATION OF HISTORICAL DEBT SERVICE COVERAGE

	Calendar Year Ended December 31,		
	2017	2018	2019
Operating Receipts:			
Metered/measured:			
Residential	\$1,388,148	\$1,374,766	\$1,245,176
Commercial	873,776	811,590	930,036
Industrial	4,355,282	4,224,920	4,597,173
Public authority	298,209	295,890	361,418
Pretreatment	394,650	375,061	364,019
Penalties	13,114	46,955	57,399
Sub-totals	7,323,179	7,129,182	7,555,221
Interest and Investment Receipts	3,048	78,362	161,884
Tap Fees	2,000	1,000	1,000
Total Available Receipts	7,328,227	7,208,544	7,718,105
Less: Operating Disbursements	(5,463,253)	(5,106,331)	(4,859,359)
Net Receipts Available for Debt Service	<u>\$1,864,974</u>	<u>\$2,102,213</u>	<u>\$2,858,746</u>
Annual Debt Service	<u>\$947,213</u>	<u>\$947,138</u>	<u>\$946,538</u>
Debt Service Coverage*	<u>197%</u>	<u>222%</u>	<u>302%</u>

* The debt service coverage including the payment in lieu of property taxes transfer at the amount of \$878,494 per year is 104%, 129% and 209% for years 2017, 2018 and 2019 respectively.

(See Accountants' Compilation Report)

EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)COMPARISON OF ACCOUNT BALANCES WITH
MINIMUM BALANCES REQUIRED

<u>Cash and Cash Equivalents:</u>	Account Balances 12/31/2019	Minimum Balance Required (1)	Variance
Wastewater Utility - Operating (2)	\$1,272,369	\$810,055	\$462,314
Sinking Fund:			
Bond and Interest Account (3)	472,306	472,306	-
Debt Service Reserve Account (4)	977,189	949,063	28,126
Construction Funds (5)	5,227,261	5,227,261	-
Wastewater Replacement Reserve (6)	1,852,244	-	1,852,244
Totals	<u>\$9,801,369</u>	<u>\$7,458,685</u>	<u>\$2,342,684</u>

(1) **Required Reserves:** Balances required per Bond Resolution No. SD15-10.

(2) **Wastewater Utility - Operating:** The balance maintained in the operation and maintenance account should be sufficient to pay the expenses of operation, repair and maintenance of the sewage works for the next succeeding two (2) calendar months.

Operation and maintenance expense - 2019	\$4,859,359
Times factor for 2 months	<u>16.67%</u>
Required Reserve	<u>\$810,055</u>

(3) **Bond and Interest Account:** A balance must be maintained equal to the sum of the monthly transfers in the amount of (1/6) of the next succeeding principal payment and the amount of (1/6) of the next succeeding interest payment.

<u>2015 Bonds</u>	<u>Amount</u>		<u>Factor</u>		<u>Months</u>		<u>Total</u>
Principal Due 1/15/20	\$270,000	x	1/6	x	6	=	\$270,000
Interest Due 1/15/20	202,306	x	1/6	x	6	=	<u>202,306</u>
Required Reserve							<u>\$472,306</u>

(4) **Debt Service Reserve Account:** Equal to the maximum principal and interest payment on the outstanding bonds.

Required Reserve	<u>\$949,063</u>
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(Continued on next page)

(See Accountants' Compilation Report)

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

(Cont'd)

**COMPARISON OF ACCOUNT BALANCES WITH
MINIMUM BALANCES REQUIRED**

- (5) **Construction Fund**: Monies are restricted for project expenditures.
- (6) **Wastewater Replacement Reserve**: No minimum balance required.

(See Accountants' Compilation Report)

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

**SCHEDULE OF AMORTIZATION OF \$11,025,000 OUTSTANDING PRINCIPAL
AMOUNT OF SANITARY DISTRICT REVENUE BONDS OF 2015**

Principal and interest payable semiannually, January 1st and July 1st.

Payment Date	Principal Balance (-----In \$1,000's-----)	Principal	Interest Rate(s) (%)	Interest (-----In Dollars-----)	Total	Bond Year Total
7/15/2020	\$11,025	\$275	3.000	\$198,256.26	\$473,256.26	\$473,256.26
1/15/2021	10,750	280	3.000	194,131.26	474,131.26	
7/15/2021	10,470	285	3.000	189,931.26	474,931.26	949,062.52
1/15/2022	10,185	290	3.000	185,656.26	475,656.26	
7/15/2022	9,895	290	3.000	181,306.26	471,306.26	946,962.52
1/15/2023	9,605	295	3.000	176,956.26	471,956.26	
7/15/2023	9,310	300	3.000	172,531.26	472,531.26	944,487.52
1/15/2024	9,010	305	3.000	168,031.26	473,031.26	
7/15/2024	8,705	310	3.000	163,456.26	473,456.26	946,487.52
1/15/2025	8,395	315	3.125	158,806.26	473,806.26	
7/15/2025	8,080	320	3.125	153,884.38	473,884.38	947,690.64
1/15/2026	7,760	325	3.250	148,884.38	473,884.38	
7/15/2026	7,435	330	3.250	143,603.13	473,603.13	947,487.51
1/15/2027	7,105	335	3.375	138,240.63	473,240.63	
7/15/2027	6,770	340	3.375	132,587.50	472,587.50	945,828.13
1/15/2028	6,430	345	3.500	126,850.00	471,850.00	
7/15/2028	6,085	355	3.500	120,812.50	475,812.50	947,662.50
1/15/2029	5,730	360	4.000	114,600.00	474,600.00	
7/15/2029	5,370	365	4.000	107,400.00	472,400.00	947,000.00
1/15/2030	5,005	375	4.000	100,100.00	475,100.00	
7/15/2030	4,630	380	4.000	92,600.00	472,600.00	947,700.00
1/15/2031	4,250	390	4.000	85,000.00	475,000.00	
7/15/2031	3,860	395	4.000	77,200.00	472,200.00	947,200.00
1/15/2032	3,465	405	4.000	69,300.00	474,300.00	
7/15/2032	3,060	410	4.000	61,200.00	471,200.00	945,500.00
1/15/2033	2,650	420	4.000	53,000.00	473,000.00	
7/15/2033	2,230	430	4.000	44,600.00	474,600.00	947,600.00
1/15/2034	1,800	435	4.000	36,000.00	471,000.00	
7/15/2034	1,365	445	4.000	27,300.00	472,300.00	943,300.00
1/15/2035	920	455	4.000	18,400.00	473,400.00	
7/15/2035	465	465	4.000	9,300.00	474,300.00	947,700.00
Totals		<u>\$11,025</u>		<u>\$3,649,925.12</u>	<u>\$14,674,925.12</u>	<u>\$14,674,925.12</u>

(See Accountants' Compilation Report)

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

SCHEDULE OF ESTIMATED PROJECT COSTS AND FUNDING
(Per Management and Consulting Engineers)

<u>ESTIMATED PROJECT COSTS</u>	<u>Phase I - BANs</u>	<u>Phase II - Bonds</u>
Construction Costs:		
Construction estimate	<u>\$13,500,000</u>	<u>\$ -</u>
Total Construction Costs	<u>13,500,000</u>	<u>-</u>
Non-Construction Costs:		
Engineering/design (net of payment to date)	436,977	
Asset management plan		85,000
Accrued interest		747,000 (1)
Payoff of 2020 BAN		8,300,000
IURC rate case	280,000	
Allowance for legal, financial advisory, bond issuance costs, general project contingencies and rounding	<u>150,000</u>	<u>125,000</u>
Total Non-Construction Costs	<u>866,977</u>	<u>9,257,000</u>
Total Estimated Project Costs	<u><u>\$14,366,977</u></u>	<u><u>\$9,257,000</u></u>
<u>ESTIMATED PROJECT FUNDING</u>		
Proposed 2020 BANs (2)	\$8,300,000	
Proposed Sanitary District Revenue Bonds of 2023		\$8,300,000
Cash on hand:		
Remaining proceeds from 2015 Revenue Bonds	4,940,776	
Funds on Hand	<u>1,126,201</u>	<u>957,000</u>
Total Estimated Project Funding	<u><u>\$14,366,977</u></u>	<u><u>\$9,257,000</u></u>

(1) Assumes accrued interest on the 2020 BAN though full maturity of June 4, 2023.

(2) It is anticipated that the Phase I financing will be completed through a Bond Anticipation Note ("BAN"). The payoff of the BAN is included in Phase II.

(See Accountants' Compilation Report)

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

**SCHEDULE OF AMORTIZATION OF \$8,300,000 PRINCIPAL AMOUNT
OF PROPOSED SANITARY DISTRICT REVENUE BOND ANTICIPATION NOTES OF 2020**

Principal and interest payable upon maturity on June 4, 2023.

Assumed interest rate as shown.

Assumes bonds dated June 4, 2020.

<u>Payment Date</u>	<u>Principal Balance</u> (-----In \$1,000's-----)	<u>Principal</u>	<u>Assumed Interest Rate</u> (%)	<u>Interest</u> (-----In Dollars-----)	<u>Total</u>	<u>Bond Year Total</u>
6/4/2023	\$8,300	<u>\$8,300</u>	3.00	<u>\$747,000.00</u>	<u>\$9,047,000.00</u>	<u>\$9,047,000.00</u>
		<u>\$8,300</u>		<u>\$747,000.00</u>	<u>\$9,047,000.00</u>	<u>\$9,047,000.00</u>

(See Accountants' Compilation Report)

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

SCHEDULE OF PRESENT AND PROPOSED SEWER RATES AND CHARGES

	<u>Present</u> (1)
Billing Charge (per bill)	\$3.69
Base Rates (per month):	
<u>Meter Size</u>	
5/8"	\$5.21
3/4"	7.82
1"	13.02
1-1/2"	30.20
2"	52.07
3"	119.76
4"	208.29
6"	473.85
8"	843.56
10"	1,317.40
Treatment Rate (per 1,000 Gallons per month):	
First 100,000 gallons	\$2.34
Over 100,000 gallons	3.88
Pretreatment:	
Base charge per month	\$701.67
Monitoring event charge (per event)	627.81
Excess Strength Charges:	
Chemical Oxygen Demand (COD) - per lb. in excess of 250 mg/l	\$0.28
Total Suspended Solids (TSS) - per lb. in excess of 100 mg/l	0.92

(1) Per Rate Ordinance No. 15-0023, adopted November 23, 2015.

(2) To be adopted November 25, 2019.

(See Accountants' Compilation Report)

ATTACHMENT C

RESOLUTION NO. SD19-22

A RESOLUTION AUTHORIZING THE ACQUISITION, CONSTRUCTION, INSTALLATION AND EQUIPPING BY THE EAST CHICAGO SANITARY DISTRICT OF CERTAIN IMPROVEMENTS AND EXTENSIONS TO THE DISTRICT'S SEWAGE WORKS, THE ISSUANCE AND SALE OF REVENUE BONDS TO PROVIDE FUNDS FOR THE PAYMENT OF THE COSTS THEREOF, THE ISSUANCE AND SALE OF BOND ANTICIPATION NOTES IN ANTICIPATION OF THE ISSUANCE AND SALE OF SUCH BONDS, AND THE COLLECTION, SEGREGATION AND DISTRIBUTION OF THE REVENUES OF SUCH SEWAGE WORKS AND OTHER RELATED MATTERS

WHEREAS, the East Chicago Sanitary District (the "District") is a special taxing district created pursuant to the provisions of Indiana Code 36-9-25, as amended (the "Act"), and has heretofore established and constructed and currently owns and operates a sewage works by and through its Board of Sanitary Commissioners (the "Board"), which is the governing body of the District, for the collection and treatment of sewage and other wastes (the "Sewage Works"), pursuant to the provisions of the Act; and

WHEREAS, the Board hereby finds that certain improvements and extensions to the Sewage Works are necessary; and Butler Fairman & Seufert, of Indianapolis, Indiana, the consulting engineers employed by the District (the "Consulting Engineers"), have prepared and filed plans, specifications and detailed descriptions and estimates of the costs of the necessary improvements and extensions to the Sewage Works, which plans, specifications, descriptions and estimates, to the extent required by law, have been duly submitted to and approved or will be approved by all governmental authorities having jurisdiction thereover (the improvements and extensions to the Sewage Works as described in the Consulting Engineers' plans and specifications and below in Section 2 hereof are referred to herein as the "Project"), including, without limitation, the Indiana Department of Environmental Management (the "Department"); and

WHEREAS, on October 3, 2019, the Board adopted a Declaratory Resolution declaring that it is necessary for the public health and welfare and would be of public utility and benefit to construct the Project as more fully described in said Declaratory Resolution and confirmed in the Confirmatory Resolution adopted by the Board on November 7, 2019; and

WHEREAS, the Board further finds that the estimates prepared and delivered by the Consulting Engineers with respect to the costs of acquisition, construction, installation and equipping of such improvements and extensions to the Sewage Works, and including all authorized costs relating thereto, including the costs of issuance of bonds and, if necessary, bond anticipation notes (the "BANs") on account of the financing thereof, will be in the estimated amount of Thirteen Million Five Hundred Thousand Dollars (\$13,500,000); and

WHEREAS, the District intends to utilize approximately Five Million Two Hundred Thousand Dollars (\$5,200,000) of funds on hand to pay a portion of the Project, with the remainder of the Project to be financed by sanitary district revenue bonds as hereinafter described; and

WHEREAS, the District desires to authorize the issuance of the BANs, if necessary, to provide interim financing for a portion of the Project in the maximum aggregate principal amount not to exceed Eight Million Three Hundred Thousand Dollars (\$8,300,000) and the issuance of sanitary district revenue bonds, in one or more series, payable from the Net Revenues (as hereinafter defined) of the Sewage Works, in the maximum aggregate principal amount of Eight Million Three Hundred Thousand Dollars (\$8,300,000) issued to finance a portion of the aforementioned costs of the Project and to refund the BANs, if issued; and

WHEREAS, pursuant to Resolution No. SD15-10, adopted by the Board on October 19, 2015 (the "2015 Resolution"), the District has heretofore issued its sanitary district revenue bonds designated "Sanitary District Revenue Bonds, Series 2015," currently outstanding in the aggregate principal amount of Eleven Million Two Hundred Ninety-Five Thousand Dollars (\$11,295,000), and with a final maturity date of July 15, 2035 (the "2015 Bonds"); and

WHEREAS, the 2015 Resolution permits the issuance of additional bonds ranking on a parity with the outstanding 2015 Bonds, provided that certain conditions can be met, and the District finds that the finances of the Sewage Works will enable the District to meet the conditions for the issuance of additional parity bonds and that, accordingly, the revenue bonds authorized herein shall constitute a first charge on the Net Revenues of the Sewage Works, on a parity with the 2015 Bonds; and

WHEREAS, the Board now finds that all conditions precedent to the adoption of a resolution authorizing the issuance of one or more series of revenue bonds and BANs, if necessary, to provide the necessary funds to be applied to the costs of a portion of the Project and all authorized costs relating thereto, and the refunding of the BANs, if issued, have been complied with in accordance with the provisions of the 2015 Resolution, the Act and other applicable laws; and

WHEREAS, the Board consequently seeks to authorize the issuance of revenue bonds and BANs to finance the acquisition, construction, installation and equipping of a portion of the Project pursuant to the Act and other applicable laws and the sale of such revenue bonds to the Indiana Bond Bank (the "Bond Bank") pursuant to the provisions of Indiana Code 5-1.5, the Indiana Finance Authority (the "Authority") pursuant to the provisions of Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10, or at public sale pursuant to the provisions of Indiana Code 5-1-11, and the sale of such BANs pursuant to the provisions of the Act and other applicable laws, subject to and dependent upon the terms and conditions hereinafter set forth; and

WHEREAS, the District expects to enter into a Financial Assistance Agreement (as hereinafter defined) with the Authority, pertaining to the Project and the financing thereof;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SANITARY COMMISSIONERS OF THE EAST CHICAGO SANITARY DISTRICT, AS FOLLOWS:

Section 1. Acquisition, Construction, Installation and Equipping of the Project. The District, acting by and through the Board and as the owner and operator of the Sewage Works for the collection and treatment of sewage and other wastes, hereby orders, authorizes and directs the Board to acquire any and all necessary property and to proceed with the acquisition,

construction, installation and equipping of improvements and extensions to the Sewage Works, pursuant to the Act and in accordance with the plans, specifications and cost estimates heretofore prepared and filed with the Board by the Consulting Engineers, which plans, specifications and cost estimates are hereby adopted and approved and, by reference, incorporated fully into this Resolution, and two copies of which are now on file in the office of the District and are open for public inspection. The actions of the Board in connection with the acquisition of any and all necessary property and the acquisition, construction, installation, equipping and financing of such improvements and extensions to the Sewage Works are hereby authorized, approved, ratified and confirmed.

Where used in this Resolution, the term "District" shall be construed also to include any department, board, commission or officer or officers of the District or of any District department, board or commission. The terms "Sewage Works," "sewage works," "works" and similar terms used in this Resolution shall be construed to mean and include the existing structures and property of the Treatment Works, as defined in the Financial Assistance Agreement, and all enlargements, improvements, extensions and additions thereto, and replacements thereof, now or subsequently constructed or acquired, whether from the proceeds of the bonds and BANs authorized herein or otherwise. Such improvements and extensions shall be constructed and the bonds and BANs herein authorized shall be issued pursuant to the provisions of this Resolution, the Act and other applicable laws.

Section 2. Description of the Project. The Project is more fully described in, and shall be in accordance with the Preliminary Engineering Report and the Plans and Specifications (each as defined in the Financial Assistance Agreement) approved by the Department. In summary, the Project consists of various improvement projects within the District, including, without limitation, the acquisition, construction, installation and equipping of improvements at the 145th Street Pump Station, the Alder Street Pump Station, the Roxanna Pump Station, the wastewater treatment plant and the combined sewer overflow (CSO) lagoon, together with all improvements related thereto.

The District, acting by and through the Board, shall proceed with the acquisition, construction, installation and equipping of the Project and shall enter into all contracts necessary or appropriate for such purpose, in conformity with and subject to the requirements and conditions set forth in this Resolution and in the Act.

Section 3. The Bonds. In accordance with the Act and for the purpose of providing funds with which to pay the costs of a portion of the Project, together with all authorized costs relating thereto, including the costs of issuance of the Bonds, as hereinafter defined, on account thereof, and refunding the BANs, if any, described below, the District shall issue its sanitary district revenue bonds, in one or more series, in an aggregate principal amount not to exceed Eight Million Three Hundred Thousand Dollars (\$8,300,000) (the "Bonds"). The principal of and redemption premium, if any, and interest on the Bonds shall be payable solely out of the Sinking Fund referred to below.

Any other provisions of this Resolution to the contrary notwithstanding, the Bonds shall be issued on a parity with the 2015 Bonds, and none of the provisions of this Resolution shall be construed to affect the rights of the holders of the 2015 Bonds. The District is authorized to employ Baker Tilly Municipal Advisors, LLC, as municipal advisor to the District (the

"Municipal Advisor"), or any other certified public accountant or firm of certified public accountants to perform any and all computations necessary to confirm the preliminary evidence and findings demonstrating compliance with the conditions set forth in the 2015 Resolution for the issuance of additional revenue bonds on parity with the 2015 Bonds. The District shall not issue the Bonds without first receiving a certificate from the Municipal Advisor or other certified public accountant or firm of certified public accountants in form and substance satisfactory to the Controller (the "Controller") of the City of East Chicago, Indiana (the "City"), and Faegre Baker Daniels LLP, Indianapolis, Indiana, bond counsel for the District, and to the effect that the District and the Sewage Works are in complete compliance with the conditions set forth in the 2015 Resolution for the issuance of additional revenue bonds on parity with the 2015 Bonds.

The Bonds to be issued to finance a portion of the Project shall be designated as the "East Chicago Sanitary District Sanitary District Revenue Bonds, Series 20__" (with the blank to be filled in with the last two digits of the calendar year in which such series of the Bonds is issued, with an appropriate series designation in the event more than one series of Bonds is expected to be issued in such calendar year). Each series of the Bonds shall be issued as fully registered bonds in denomination or denominations of Five Thousand Dollars (\$5,000) and any integral multiples thereof not exceeding the aggregate principal amount of such Bonds maturing in any one year, or in the event that any series of the Bonds is sold to the Bond Bank or to the Authority pursuant to Section 9 of this Resolution, the Bonds of such series shall be in multiples of One Dollar (\$1) or such other denomination as is acceptable to the Bond Bank or the Authority, as applicable. The Bonds shall be numbered consecutively from __R-1 upward (with the blank to be filled in with the last two digits of the calendar year in which such series of the Bonds is issued, with an appropriate series designation in the event more than one series of Bonds is expected to be issued in such calendar year). The Bonds shall bear interest at a rate or rates not exceeding five percent (5.0%) per annum (or at the rate provided in the QE Purchase Agreement (as hereinafter defined) with respect to any series of the Bonds that is sold to the Bond Bank, or as provided in the Financial Assistance Agreement with respect to any series of the Bonds that is sold to the Authority), the exact rate or rates to be determined by negotiation with the Bond Bank or the Authority or by bidding. Said interest rate or rates on the Bonds shall be in multiples of one-eighth (1/8) or one-hundredth (1/100) of one percent (1%). Interest on each series of the Bonds shall be calculated on the basis of twelve (12) thirty (30)-day months for a three hundred sixty (360)-day year and shall be payable semiannually on January 15 and July 15 of each year (each, an "Interest Payment Date"), commencing on the first January 15 or July 15 subsequent to the issuance of such series of the Bonds, or such later date as may be determined (i) by the Controller, with the advice of the Municipal Advisor to the District, if such series of the Bonds is sold by public bidding; or (ii) by negotiation with the Bond Bank or the Authority (if the latter, as provided in the Financial Assistance Agreement between the District and the Authority (the "Financial Assistance Agreement") with respect to such series of the Bonds), until principal is fully paid. The principal of each series of the Bonds shall mature serially and semiannually on January 15 and July 15 of each year, commencing not earlier than January 15, 2020 (or commencing on such other date as provided in the Financial Assistance Agreement, if such series of the Bonds is sold to the Authority), and ending not later than July 15, 2046. The Bonds will mature in such amounts that will produce, on an aggregate basis, as level annual debt service as practicable, except as otherwise provided in the Financial Assistance Agreement if the Bonds are sold to the Authority, and in the years and amounts to be determined by negotiation with the Bond Bank or the Authority, or by the Controller with the advice of the District's Municipal Advisor, if the Bonds are sold by public bidding.

The Bonds shall bear an original issue date which shall be the date of delivery of the Bonds or the first day of the month in which the Bonds are delivered, as determined by the Controller (unless otherwise provided in the QE Purchase Agreement in the event the Bonds are sold to the Bond Bank or unless otherwise provided in the Financial Assistance Agreement in the event the Bonds are sold to the Authority), and each Bond shall also bear the date of its authentication. Any Bond authenticated on or before the last day of the calendar month immediately preceding the first Interest Payment Date shall pay interest from its original issue date (unless otherwise provided in (i) the QE Purchase Agreement or (ii) the Financial Assistance Agreement, in the event the Bonds are sold to the Bond Bank or the Authority, respectively). Any Bond authenticated thereafter shall pay interest from the Interest Payment Date next preceding the date of authentication of such Bond to which interest thereon has been paid or duly provided for, unless such Bond is authenticated after the last day of the calendar month immediately preceding an Interest Payment Date and on or before such Interest Payment Date, in which case interest thereon shall be paid from such Interest Payment Date.

In the event that the Bonds or the BANs of any series are sold to the Authority or any other purchaser who so agrees pursuant to Section 9 of this Resolution, it is understood that principal shall not be payable and interest shall not accrue on such series of the Bonds or the BANs until such principal amount has been advanced pursuant to requests made by the District to the Authority or to any such other purchaser, with advances to be allocable to the Bonds in order of maturity. If the Bonds of any series are sold to the Authority, to the extent that (a) the total principal amount of such series of the Bonds is not paid by the purchaser or drawn down by the District or (b) proceeds remain in the Construction Account established under Section 10 of this Resolution and are not applied to the Project (or any modifications or additions thereto approved by the Department and the Authority), the District shall reduce the principal amount of such Bonds' maturities to effect such reduction in a manner that will still achieve as level an annual debt service as practicable as described in this Section 3 subject to and upon the terms set forth in the Financial Assistance Agreement.

The Controller is hereby authorized to appoint a registrar and a paying agent for any series of the Bonds or BANs (the "Registrar" and the "Paying Agent" and, in both such capacities, the "Registrar and Paying Agent"). The Registrar and Paying Agent shall be charged with and shall by appropriate agreement undertake the performance of all of the duties and responsibilities customarily associated with each such position, including, without limitation, the authentication of the Bonds and BANs. The Controller is authorized and directed to enter into such agreements and understandings with the Registrar and Paying Agent and any subsequent Registrar and Paying Agent as will enable and facilitate the performance of its duties and responsibilities, and is authorized and directed to pay such fees as the Registrar and Paying Agent may reasonably charge for its services in such capacity, and such fees may be paid from the Sinking Fund previously established and continued herein.

If the Bonds or the BANs are registered in the name of the Authority, the Bond Bank or any other purchaser that does not object to such designation, the Controller shall be designated as the Registrar and Paying Agent and shall be charged with the performance of all of the duties and responsibilities of Registrar and Paying Agent.

The Registrar and Paying Agent, if not the Controller, may at any time resign as Registrar and Paying Agent upon giving thirty (30) days' notice in writing to the District and by first-class

mail to each registered owner of the Bonds or BANs then outstanding, and such resignation will take effect at the end of such thirty (30) days or upon the earlier appointment of a successor Registrar and Paying Agent by the District. Any such notice to the District may be served personally or sent by certified mail. The Registrar and Paying Agent may also be removed at any time as Registrar and Paying Agent by the District, in which event the District may appoint a successor Registrar and Paying Agent. The District shall notify each registered owner of the Bonds or BANs then outstanding by first-class mail of the removal of the Registrar and Paying Agent. Notices to registered owners of the Bonds or BANs shall be deemed to be given when mailed by first-class mail to the addresses of such registered owners as they appear on the registration books kept by the Registrar. Any predecessor Registrar and Paying Agent shall deliver all of the Bonds or BANs and cash in its possession with respect thereto, together with the registration books, to the successor Registrar and Paying Agent. The Controller is hereby authorized to act on behalf of the District with regard to any of the aforementioned actions of the District relating to the resignation or removal of the Registrar and Paying Agent and appointment of a successor Registrar and Paying Agent.

Principal of and any redemption premium on the Bonds, and principal and interest on the BANs, shall be payable at the principal corporate trust office of the Paying Agent. Interest on the Bonds shall be paid by check or draft mailed or delivered by the Paying Agent to the registered owner thereof at the address as it appears on the registration books kept by the Registrar as of the last day of the calendar month immediately preceding the Interest Payment Date or at such other address as may be provided to the Paying Agent in writing by such registered owner. Notwithstanding anything in this Resolution to the contrary, so long as The Depository Trust Company, New York, New York ("DTC"), or its nominee, or any successor thereto, is the registered owner of any series of the Bonds or BANs, the principal of and premium, if any, and interest on such series of the Bonds or BANs will be paid directly to DTC or successor depository by wire transfer on the payment date in same-day funds by the Paying Agent. Notwithstanding the foregoing, principal of and interest on the Bonds or BANs, if registered in the name of the Authority or the Bond Bank, shall be paid by wire transfer to a financial institution if and as directed by the Authority or the Bond Bank, as the case may be, on the due date of such payment or, if such date is a day when financial institutions are not open for business, on the business day immediately preceding such due date. So long as the Authority or the Bond Bank is the registered owner of the Bonds or BANs, the Bonds or BANs shall be presented for payment as directed by the Authority or the Bond Bank, as applicable. All payments on the Bonds and the BANs shall be made in any coin or currency of the United States of America which, on the dates of such payments, shall be legal tender for the payment of public or private debt.

Each Bond or BAN shall be transferable or exchangeable only on the books of the District maintained for such purpose at the principal corporate trust office of the Registrar, by the registered owner thereof in person, or by his or her attorney duly authorized in writing, upon surrender of such Bond or BAN together with a written instrument of transfer or exchange satisfactory to the Registrar duly executed by the registered owner or his or her attorney duly authorized in writing, and thereupon a new fully registered Bond or Bonds or BAN or BANs in the same aggregate principal amount and of the same maturity and series shall be executed and delivered in the name of the transferee or transferees or the registered owner, as the case may be, in exchange therefor. Each Bond or BAN may be transferred or exchanged without cost to the registered owner, except for any tax or other governmental charge which may be required to be

paid with respect to such transfer or exchange. The Registrar shall not be obligated to make any transfer or exchange of any Bond or BAN (i) during the fifteen (15) days immediately preceding an Interest Payment Date or (ii) after the mailing of notice calling such Bond or BAN for redemption. The District, the Registrar and the Paying Agent may treat and consider the person in whose name any Bond or BAN is registered as the absolute owner thereof for all purposes including the purpose of receiving payment of, or on account of, the principal thereof, and redemption premium, if any, and interest thereon.

In the event any Bond or BAN is mutilated, lost, stolen or destroyed, the District may cause to be executed and the Registrar may authenticate a new Bond or BAN of like date, maturity, series and denomination as the mutilated, lost, stolen or destroyed Bond or BAN, which new Bond or BAN shall be marked in a manner to distinguish it from the Bond or BAN for which it was issued; provided, that in the case of any mutilated Bond or BAN, such mutilated Bond or BAN shall first be surrendered to the Registrar, and in the case of any lost, stolen or destroyed Bond or BAN there shall be first furnished to the Registrar evidence of such loss, theft or destruction satisfactory to the District and the Registrar, together with indemnity satisfactory to them. In the event that any such mutilated, lost, stolen or destroyed Bond or BAN shall have matured or been called for redemption, instead of causing to be issued a duplicate Bond or BAN, the Registrar and Paying Agent may pay the same upon surrender of the mutilated Bond or BAN or upon satisfactory indemnity and proof of loss, theft or destruction in the case of a lost, stolen or destroyed Bond or BAN. The District and the Registrar and Paying Agent may charge the owner of any such Bond or BAN with their reasonable fees and expenses in connection with the above. Every substitute Bond or BAN issued by reason of any Bond or BAN being lost, stolen or destroyed shall, with respect to such Bond or BAN, constitute a substitute contractual obligation of the District pursuant to this Resolution, whether or not the lost, stolen or destroyed Bond or BAN shall be found at any time, and shall be entitled to all the benefits of this Resolution, equally and proportionately with any and all other Bonds or BANs duly issued hereunder.

In the event that any Bond or BAN is not presented for payment or redemption on the date established therefor, the District may deposit in trust with the Paying Agent an amount sufficient to pay such Bond or BAN or the redemption price thereof, as appropriate, and thereafter the owner of such Bond or BAN shall look only to the funds so deposited in trust with the Paying Agent for payment and the District shall have no further obligation or liability with respect thereto.

Any series of the Bonds or BANs may, in compliance with all applicable laws, be issued and held in book-entry form on the books of the central depository system, DTC, its successors, or any successor central depository system appointed by the District from time to time (the "Clearing Agency"). The District and the Registrar may, in connection therewith, do or perform or cause to be done or performed any acts or things not adverse to the rights of the holders of such series of the Bonds or BANs, as are necessary or appropriate to accomplish or recognize such book-entry form Bonds or BANs.

During any time that a series of the Bonds or BANs is held in book-entry form on the books of a Clearing Agency (a) any such Bonds or BANs may be registered upon the books kept by the Registrar in the name of such Clearing Agency, or any nominee thereof, including Cede & Co., as nominee of DTC; (b) the Clearing Agency in whose name such Bonds or BANs are so

registered shall be, and the District and the Registrar and Paying Agent may deem and treat such Clearing Agency as, the absolute owner and holder of such Bonds or BANs for all purposes of this Resolution, including, without limitation, the receiving of payment of the principal of and premium, if any, and interest on such Bonds or BANs, the receiving of notice, and the giving of consent; (c) neither the District nor the Registrar and Paying Agent shall have any responsibility or obligation hereunder to any direct or indirect participant, within the meaning of Section 17A of the Securities Exchange Act of 1934, as amended, of such Clearing Agency, or any person on behalf of which, or otherwise in respect of which, any such participant holds any interest in any Bonds or BANs, including, without limitation, any responsibility or obligation hereunder to maintain accurate records of any interest in any Bonds or BANs or any responsibility or obligation hereunder with respect to the receiving of payment of principal of or premium, if any, or interest on any Bonds or BANs, the receiving of notice, or the giving of consent; (d) the Clearing Agency is not required to present any Bonds or BANs called for partial redemption prior to receiving payment so long as the Registrar and Paying Agent and the Clearing Agency have agreed to the method for noting such partial redemption; and (e) payment of the principal of and premium, if any, and interest on any Bonds or BANs may be made by wire transfer or other method acceptable to the Clearing Agency, as indicated in a Certificate of the Controller to such effect.

If either (i) the District receives notice from the Clearing Agency which is currently the registered owner of any series of the Bonds or BANs to the effect that such Clearing Agency is unable or unwilling to discharge its responsibility as a Clearing Agency for such Bonds or BANs or (ii) the District elects to discontinue its use of such Clearing Agency as a Clearing Agency for such Bonds or BANs, then the District and the Registrar and Paying Agent each shall do or perform or cause to be done or performed all acts or things, not adverse to the rights of the holders of such Bonds or BANs, as are necessary or appropriate to discontinue use of such Clearing Agency as a Clearing Agency for such Bonds or BANs and to transfer the ownership of each of such Bonds or BANs to such person or persons, including any other Clearing Agency, as the holder of such Bonds or BANs may direct in accordance with this Resolution. Any expenses of such discontinuance and transfer, including expenses of printing new certificates to evidence such Bonds or BANs, shall be paid by the District.

During any time that any series of the Bonds or BANs is held in book-entry form on the books of a Clearing Agency, the Registrar and Paying Agent shall be entitled to request and rely upon a certificate or other written representation from the Clearing Agency or any participant or indirect participant with respect to the identity of any beneficial owners of such Bonds or BANs as of a record date selected by the Registrar and Paying Agent. For purposes of determining whether the consent, advice, direction or demand of a registered owner of such Bonds or BANs has been obtained, the Registrar and Paying Agent shall be entitled to treat the beneficial owners of such Bonds or BANs as the holders of such Bonds or BANs.

During any time that any series of the Bonds or BANs is held in book-entry form on the books of a Clearing Agency, the District is authorized to enter into a Blanket Letter of Representations agreement with the Clearing Agency, and the provisions of any such Blanket Letter of Representations or any successor agreement shall control on the matters set forth herein

Section 4. The BANs. In anticipation of the issuance and sale of the Bonds authorized hercin, and to provide interim financing to apply to the costs of a portion of the Project, the

District is hereby authorized to have prepared and to issue and sell negotiable BANs of the District to an eligible purchaser of the BANs under Indiana Code 5-1-14-5, the Bond Bank or the Authority, pursuant to a Bond Anticipation Note Purchase Agreement (the "BAN Purchase Agreement") entered into between the District and the purchaser of the BANs, in one or more series, in an aggregate principal amount not to exceed Eight Million Three Hundred Thousand Dollars (\$8,300,000), to be designated "East Chicago Sanitary District Sanitary District Revenue Bond Anticipation Notes of 20__" (with the blank to be filled in with the last two digits of the calendar year in which such series of the BANs is issued, with an appropriate series designation in the event more than one series of BANs is expected to be issued in such calendar year). The BANs shall be issued pursuant to Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10 if sold to the Authority, pursuant to Indiana Code 5-1.5-8-6.1 if sold to the Bond Bank, or pursuant to Indiana Code 5-1-14-5 if sold to an eligible purchaser thereunder. If the BANs are sold to the Authority, the Financial Assistance Agreement shall serve as the BAN Purchase Agreement. The BANs shall be issued in fully registered form, shall be numbered consecutively from __R-1 (with the blank to be filled in with the last two digits of the calendar year in which such series of the BANs is issued, with an appropriate series designation in the event more than one series of BANs is expected to be issued in such calendar year) upwards, shall be in multiples of One Dollar (\$1), shall be dated as of the date of issuance of the BANs, and shall bear interest at a rate or rates not exceeding four percent (4.0%) per annum (or at such rate as provided in the QE Purchase Agreement if the BANs are sold to the Bond Bank or as provided in the Financial Assistance Agreement if the BANs are sold to the Authority), the exact rate or rates of interest to be determined by negotiations with the purchaser of the BANs and payable as provided in the BAN Purchase Agreement. The initial BANs delivered will mature on the date provided in the BAN Purchase Agreement. The BANs may be subject to renewal or extension, subject to the limitations set forth below, at an interest rate or rates not to exceed four percent (4.0%) per annum (or at such rate as provided in the QE Purchase Agreement if the BANs are sold to the Bond Bank or as provided in the Financial Assistance Agreement if the BANs are sold to the Authority) with the exact rate or rates to be negotiated with the purchaser of such BANs. The term of the BANs and all renewal BANs may not exceed five (5) years from the date of delivery of the initial BANs.

The principal of the BANs shall be refunded and retired out of the proceeds from the issuance and sale hereunder of the Bonds. The principal of the BANs, and the principal of and interest on the BANs prepaid in accordance with Section 5 hereof, shall be refunded by the issuance of the Bonds pursuant to, and in the manner prescribed by, the Act. The interest on the BANs shall be payable either from the Net Revenues of the Sewage Works, subject to the prior lien thereof of the 2015 Bonds, or from proceeds from the issuance and sale hereunder of the Bonds.

Section 5. Optional Prepayment of BANs; Optional Redemption of the Bonds.

(a) Optional Prepayment of BANs. The BANs are prepayable by the District, in whole or in part, upon such terms as determined by the Controller based on the advice of the District's Municipal Advisor, to be set forth in a written certificate of the Controller prior to the issuance of the BANs, upon seven (7) days' written notice to the owner of the BANs. In the case of prepayment, the principal and accrued interest due on the BANs shall be paid only from proceeds of the Bonds, except that such principal and interest due on the BANs may also be paid from other revenues and funds legally available therefor, if any, including federal or state funds available for

application to the Project; provided, however, that such funds are not pledged to the payment of the BANs.

(b) Optional Redemption of the Bonds. Each series of the Bonds shall be subject to redemption at the option of the District, upon such terms as determined by the Controller based on the advice of the District's Municipal Advisor, to be set forth in a written certificate of the Controller prior to the issuance of such series of the Bonds, provided that the redemption premium shall not exceed two percent (2%) of the par amount of the Bonds to be redeemed; provided, however, if any Bonds are sold to the SRF Program (as hereinafter defined) and registered in the name of the Authority, such Bonds shall not be redeemable at the option of the District unless and until consented by the Authority.

Official notice of such redemption of the Bonds shall be mailed by the Registrar and Paying Agent by certified or registered mail at least thirty (30) days (or, at least sixty (60) days, with respect to any series of the Bonds sold to the Authority) prior to the scheduled redemption date to each of the registered owners of the Bonds called for redemption (unless waived by any such registered owner) at the address shown on the registration books of the Registrar and Paying Agent, or at such other address as is furnished in writing by such registered owner to the Registrar; provided, however, that failure to give such notice by mailing, or any defect therein, with respect to any Bond shall not affect the validity of the proceedings for the redemption of any other Bonds. The notice shall specify the redemption price, the date and place of redemption, and the registration numbers (and, in case of partial redemption, the respective principal amounts) of the Bonds called for redemption. The place of redemption may be at the principal corporate trust office of the Registrar and Paying Agent or as otherwise determined by the District. Interest on the Bonds (or portions thereof) so called for redemption shall cease to accrue on the redemption date fixed in such notice, if sufficient funds are available at the place of redemption to pay the redemption price on the redemption date and when such Bonds (or portions thereof) are presented for payment. Any Bond redeemed in part may be exchanged for a Bond or Bonds of the same maturity in authorized denominations equal to the remaining principal amount thereof.

In addition to the foregoing notice, the District may also direct that further notice of redemption of Bonds be given, including, without limitation, and at the option of the District, notice described in paragraph (i) below given by the Registrar and Paying Agent to the parties described in paragraphs (ii) and (iii) below. No defect in any such further notice and no failure to give all or any portion of any such further notice shall in any manner defeat the effectiveness of any call for redemption of Bonds so long as notice thereof is mailed as prescribed above.

(i) If so directed by the District, each further notice of redemption given hereunder shall contain the information required above for an official notice of redemption plus (1) the CUSIP numbers of all Bonds being redeemed; (2) the date of issue of the Bonds as originally issued; (3) the rate of interest borne by each Bond being redeemed; (4) the maturity date of each Bond being redeemed; and (5) any other descriptive information needed to identify accurately the Bonds being redeemed.

(ii) If so directed by the District, each further notice of redemption shall be sent at least thirty-five (35) days before the redemption date by registered or certified mail or overnight delivery service to all registered securities depositories then in the

business of holding substantial amounts of obligations of types comprising the Bonds and to one or more national information services that disseminate notices of redemption of obligations such as the Bonds.

(iii) If so directed by the District, each such further notice shall be published one time in The Bond Buyer of New York, New York or, if the Registrar believes such publication is impractical or unlikely to reach a substantial number of the holders of the Bonds, in some other financial newspaper or journal which regularly carries notices of redemption of other obligations similar to the Bonds, such publication to be made at least thirty (30) days prior to the date fixed for redemption.

Upon the payment of the redemption price of the Bonds (or portions thereof) being redeemed and if so directed by the District, each check or other transfer of funds issued for such purpose shall bear the CUSIP number identifying, by issue and maturity, the Bonds (or portions thereof) being redeemed with the proceeds of such check or other transfer.

(c) Term Bonds. All or a portion of the Bonds may be aggregated into one or more term bonds payable from mandatory sinking fund redemption payments (the "Term Bonds") required to be made as set forth below. The Term Bonds shall have a stated maturity or maturities of January 15 and July 15 in the years consistent with the maturity schedule for the Bonds, and shall be subject to mandatory sinking fund redemption prior to maturity at a redemption price equal to one hundred percent (100%) of the principal amount thereof, plus accrued interest to the redemption date, but without premium, on January 15 and July 15 of the years and in the principal amounts consistent with the maturity schedule for the Bonds.

The Registrar and Paying Agent shall credit against any mandatory sinking fund redemption requirement for a Term Bond of a particular maturity, any Bonds of such maturity delivered to the Registrar and Paying Agent for cancellation or purchased for cancellation by the District and canceled by the Registrar and Paying Agent and not theretofore applied as a credit against any mandatory sinking fund redemption requirement. Each Bond so delivered or purchased shall be credited by the Registrar and Paying Agent at one hundred percent (100%) of the principal amount thereof against the mandatory sinking fund redemption requirements for the applicable Term Bond in inverse order of mandatory sinking fund redemption (or final maturity) dates, and the principal amount of such Term Bond to be redeemed on such mandatory sinking fund redemption dates by operation of the mandatory sinking fund requirements shall be reduced accordingly; provided, however, the Registrar and Paying Agent shall only credit Bonds against the mandatory sinking fund requirements to the extent such Bonds are received on or before forty-five (45) days preceding the applicable mandatory sinking fund redemption date.

The Registrar shall determine by lot (treating each \$5,000 (or other authorized denomination) principal amount of each Bond as a separate Bond for such purpose) the Bonds within a Term Bond of a particular maturity to be redeemed pursuant to mandatory sinking fund redemption requirements on January 15 and July 15 of each year. With respect to optional redemption of Term Bonds, an amount equal to the principal amount of the Term Bonds redeemed will be credited toward the latest scheduled mandatory sinking fund payment or payments with respect to such Term Bonds unless otherwise directed by the District.

Notice of any such mandatory sinking fund redemption shall be given in the same manner as notice of optional redemption is required to be given pursuant to this Section 5. In the event any of the Bonds are issued as Term Bonds, the form of Bond described in Section 8 hereof shall be modified accordingly. Any reference to payment of principal on Bonds shall include payment of scheduled mandatory sinking fund redemption payments

Section 6. Execution and Authentication of the Bonds and BANs. The Bonds and the BANs shall be executed in the name of the District by the manual or facsimile signature of the Mayor of the City (the "Mayor") and attested by the manual or facsimile signature of the Controller, who shall cause the seal of the City or a facsimile thereof to be affixed to each of the Bonds and the BANs. The Bonds and the BANs shall be authenticated by the manual signature of the Registrar, and no Bond or BAN shall be valid or become obligatory for any purpose until the certificate of authentication thereon has been so executed. In case any official whose signature appears on any Bond or BAN shall cease to be such official before the delivery of such Bond or BAN, the signature of such official shall nevertheless be valid and sufficient for all purposes, the same as if such official had been in office at the time of such delivery. Subject to the provisions of this Resolution regarding the registration of the Bonds and BANs, the Bonds and BANs shall be fully negotiable instruments under the laws of the State of Indiana.

Section 7. Security and Sources of Payment for the Bonds. The Bonds, as and to the extent paid for and delivered to the purchaser or purchasers thereof, together with any bonds hereafter issued on a parity therewith (to be referred to hereinafter collectively as the "bonds," unless the context otherwise requires), as to both principal and interest, shall be valid and binding special and limited revenue obligations of the District, payable solely from and secured by an irrevocable pledge of and constituting a charge upon all of the "Net Revenues" (herein defined as gross revenues, inclusive of System Development Charges (as defined below), of the Sewage Works after the deduction only for the payment of the reasonable expenses of operation, repair and maintenance, but excluding transfers for payment in lieu of property taxes ("PILOTs") of the Sewage Works of the District) of the Sewage Works, including all such Net Revenues from the existing works, the Project and all additions and improvements thereto and replacements thereof subsequently constructed or acquired, to be set aside into the Sinking Fund as herein provided. For purposes of this Resolution, "System Development Charges" shall mean the proceeds and balances from any non-recurring charges such as tap fees, subsequent connector fees, capacity or contribution fees, and other similar one-time charges that are available for deposit under this Resolution; provided, however, that any System Development Charges that are enacted under Indiana Code 36-9-25 shall be considered as Net Revenues of the Sewage Works. The Bonds shall rank on a parity basis with the 2015 Bonds. The District shall not be obligated to pay the Bonds or the interest thereon except from the Net Revenues of the Sewage Works, and the Bonds shall not constitute an indebtedness of the District within the meaning of the provisions and limitations of the constitution of the State of Indiana.

Section 8. Form of the Bonds. The form and tenor of the Bonds shall be substantially as set forth in Appendix A attached hereto and incorporated herein as if set forth at this place (with all blanks to be filled in properly and all necessary additions, modifications and deletions to be made prior to the delivery thereof).

Section 9. Issuance, Sale and Delivery of the Bonds and the BANs. (a) Generally. The Controller is hereby authorized and directed to have the Bonds and the BANs prepared, and the

Mayor and the Controller are each hereby authorized and directed to execute and attest, respectively, the Bonds and the BANs in the form and manner herein provided. The Controller is hereby authorized and directed to deliver the Bonds and the BANs to the purchaser or purchasers thereof after sale made in accordance with the provisions of the Act and this Resolution, provided that at the time of said delivery the Controller shall collect the full amount which the purchaser or purchasers have agreed to pay therefor, which shall be not less than ninety-nine percent (99.0%) of the par amount of the Bonds (or such higher percentage of the par value of the Bonds as the Controller, with the advice of the Municipal Advisor of the District, shall determine), plus accrued interest thereon to the date of delivery, if any, and in the case of the BANs, shall not be less than ninety-nine percent (99.0%) of the par amount of the BANs. The District may receive payment for the Bonds and BANs in installments. The proceeds derived from the sale of the Bonds (or the BANs, if such BANs are issued), shall be and are hereby set aside for application to the costs of the Project, including all authorized costs relating thereto, and the respective costs of issuance of the Bonds and the BANs. The authorized officers of the District are hereby authorized and directed to draw all proper and necessary warrants and to do whatever other acts and things that may be necessary or appropriate to carry out the provisions of this Resolution.

(b) Issuance, Sale and Delivery of the BANs. The District, having satisfied all the statutory requirements for the issuance of the Bonds, may elect to issue its BAN or BANs to an eligible purchaser under Indiana Code 5-1-14-5, the Bond Bank or the Authority pursuant to the BAN Purchase Agreement, to be entered into between the District and the purchaser of the BANs. The Board hereby authorizes the issuance and execution of the BAN or BANs in lieu of initially issuing Bonds to provide interim construction financing for the Project until permanent financing becomes available. It shall not be necessary for the District to repeat the procedures for the issuance of its Bonds, as the procedures followed before the issuance of the BAN or BANs are for all purposes sufficient to authorize the issuance of the Bonds and the use of the proceeds to repay the BAN or BANs. The President of the Board (the "Board President"), the Mayor and/or the Controller are, and each of them is, hereby authorized and directed to execute the BAN Purchase Agreement in such form or substance as they shall approve acting upon the advice of counsel. The Board President, the Mayor and the Controller may also take such other action or deliver such other certificates as are necessary or desirable in connection with the issuance of the BANs or the Bonds and the other documents needed for the financing as they deem necessary or desirable in connection therewith.

(c) Issuance, Sale and Delivery of the Bonds. (i) Public Sale. Any series of the Bonds may, in the discretion of the Controller, based upon the advice of the District's Municipal Advisor, be sold by public sale. In the event any series of the Bonds is sold by public sale, prior to the sale of such series of the Bonds, the Controller shall cause to be published a notice of intent to sell bonds two (2) times at least one (1) week apart in either The Times or the Post-Tribune, each of which is a newspaper of general circulation published in Lake County, Indiana, that circulates in the District (there being no newspaper published in the District), and the Court & Commercial Record, a newspaper of general circulation published in Indianapolis, Indiana. The notice of such sale or a summary thereof may also be published in The Bond Buyer, a financial journal published in the City and State of New York and/or in other publications, in the discretion of the Controller. The notice must state that any person interested in submitting a bid for such series of the Bonds may furnish in writing, at the address set forth in the notice, the person's name, address and telephone number, and that any such person may also furnish a telex

number. The notice must also state: (i) the amount of the Bonds to be offered; (ii) the denominations; (iii) the dates of maturity; (iv) the maximum rate or rates of interest; (v) the place of sale; and (vi) the time within which the name, address and telephone number must be furnished, which time must not be less than seven (7) days after the last publication of the notice. Each person so registered shall be notified of the date and time bids will be received not less than twenty-four (24) hours before the date and time of sale. The notification shall be made by telephone at the number furnished by the person, and also by telex if the person furnishes a telex number. Such notice may also include such other information as the Controller shall deem necessary.

Such notice shall provide, among other things, that each bid shall be accompanied by a certified or cashier's check or a financial surety bond from an insurance company in the amount of one percent (1%) of the principal amount of such series of the Bonds to guarantee performance on the part of the bidder; that if the Bonds are awarded to a bidder who has submitted a financial surety bond to the District, then such bidder must submit the required amount of the good faith deposit to the District in the form of a certified or cashier's check (or a wire transfer consisting of immediately available funds to the District as instructed by the District) not later than 3:00 p.m. (local time) on the next business day following the award by the District; that if such check or wire transfer is not received by that time, the financial surety bond may be drawn upon by the District to satisfy the deposit requirements; and that in the event the successful bidder shall fail or refuse to accept delivery of and pay for the Bonds as soon as the Bonds are ready for delivery, or at the time fixed in the notice of intent to sell bonds, then such check and the proceeds thereof shall become the property of the District and shall be considered as the District's liquidated damages on account of such default.

All bids for Bonds sold at public sale shall be sealed and shall be presented to the Controller at the Controller's office, and the Controller shall continue to receive all bids offered until the time fixed for the sale of the Bonds, at which time and place the Controller shall open and consider each bid. Bidders for the Bonds shall be required to name the rate or rates of interest which the Bonds are to bear, not exceeding five percent (5.0%) per annum. Such interest rate or rates shall be in multiples of one-eighth (1/8) or one-hundredth (1/100) of one percent (1%). Bids specifying more than one interest rate shall also specify the amount and maturities of the series of Bonds bearing each rate, and all Bonds of a series maturing on the same date shall bear the same rate of interest. The interest rate on a series of Bonds of a given maturity must be at least as great as the interest rate on such series of Bonds of any earlier maturity. Subject to the provisions set forth below, the Controller shall award the Bonds to the bidder offering the lowest net interest cost to the District, to be determined by computing the total interest on all of the Bonds from the date thereof to their maturities and deducting therefrom the premium bid, if any, or adding thereto the amount of any discount. No bid for less than ninety-nine percent (99.0%) of the par value of the Bonds (or such higher percentage of the par value of the Bonds as the Controller, with the advice of the Municipal Advisor to the District, shall determine prior to the publication of the notice of intent to sell), plus accrued interest at the rate or rates named to the date of delivery, will be considered. The Controller shall have full right to reject any and all bids. In the event no acceptable bid is received at the time fixed for the sale of the Bonds, the Controller shall be authorized to continue to receive bids from day to day thereafter for a period not to exceed thirty (30) days, without readvertising, pursuant to Indiana law.

The Controller is hereby authorized to determine, in the Controller's discretion, to sell the Bonds pursuant to the general provisions of Indiana Code 5-1-11 (rather than Section 2(b) thereof), and in the event of such a determination, those portions of this Section 9 which conflict with such provisions shall be deemed inapplicable.

(ii) Sale to the Bond Bank. Any series of the Bonds may, in the discretion of the Controller, based upon the advice of the District's Municipal Advisor, be sold to the Bond Bank. In the event of such determination, Bonds shall be sold to the Bond Bank in such denomination or denominations as the Bond Bank may request, and pursuant to a qualified entity purchase agreement (the "QE Purchase Agreement") between the District and the Bond Bank, hereby authorized to be entered into and executed by the Board President on behalf of the District, and attested by the Secretary of the Board, subsequent to the date of the adoption of this Resolution. Such QE Purchase Agreement may set forth the definitive terms and conditions for such sale, but all of such terms and conditions must be consistent with the terms and conditions of this Resolution, including, without limitation, the interest rate or rates on the Bonds which shall not exceed the maximum rate of interest for the Bonds authorized pursuant to this Resolution. Bonds sold to the Bond Bank shall be accompanied by all documentation required by the Bond Bank pursuant to the provisions of Indiana Code 5-1.5 and the QE Purchase Agreement, including, without limitation, an approving opinion of nationally recognized bond counsel, certification and guarantee of signatures and certification as to no litigation pending, as of the date of delivery of the Bonds to the Bond Bank, challenging the validity or issuance of the Bonds. In the event the Controller determines to sell the Bonds to the Bond Bank, the submission of an application to the Bond Bank, the entry by the District into the QE Purchase Agreement, and the execution and delivery of the QE Purchase Agreement on behalf of the District by the Board President in accordance with this Resolution are hereby authorized, approved and ratified.

(iii) Sale to the Authority. Any series of the Bonds may, in the discretion of the Controller, based upon the advice of the District's Municipal Advisor, be sold to the Authority. The Board President and the Controller are hereby authorized to submit an application to the Authority for participation in the wastewater loan program (the "SRF Program") under Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10. The Financial Assistance Agreement for the Bonds and the Project shall be executed by the District and the Authority. The substantially final form of Financial Assistance Agreement attached hereto as Appendix B and incorporated herein as if set forth in this place is hereby approved by the Board, and the Board President and the Secretary of the Board are hereby authorized to execute and attest, respectively, the same on behalf of the District and to approve any changes in form or substance to the Financial Assistance Agreement, such approval to be conclusively evidenced by their execution. The Financial Assistance Agreement may set forth the definitive terms and conditions for such sale including the purchase price and interest rate, but all of such terms and conditions must be consistent with the terms and conditions of this Resolution, including, without limitation, the interest rates on the Bonds which shall not exceed the maximum rate of interest for the Bonds authorized pursuant to this Resolution. Bonds sold to the Authority shall be accompanied by all documentation required by the Authority pursuant to Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10, and the Financial Assistance Agreement, including, without limitation, an approving opinion of a nationally recognized bond counsel, certification and guarantee of signatures and certification as to no litigation pending, as of the date of delivery of the Bonds to the Authority, challenging the validity or issuance of the

Bonds. In the event the Controller determines to sell the Bonds to the Authority, the entry by the District into the Financial Assistance Agreement, the execution of the Financial Assistance Agreement by the Board President, and, if required, the entry by the District into a purchase agreement or any other agreement with the Authority and the execution thereof by the Board President, in accordance with this Resolution are hereby authorized, approved and ratified.

Notwithstanding anything contained herein, the District may accept any other forms of financial assistance, as and if available, from the SRF Program (including without limitation (1) any forgivable loans, grants or other assistance whether available as an alternative to any Bond related provision otherwise provided for herein or as a supplement or addition thereto and (2) one or more series or combination of series of Bonds and/or BANs). If required by the SRF Program to be eligible for such financial assistance, one or more of the series of the Bonds or BANs issued hereunder may be issued on a basis such that the payment of the principal of or interest on (or both) such series of Bonds is junior and subordinate to the payment of the principal of and interest on other series of Bonds issued hereunder (and/or any other revenue bonds secured by a pledge of Net Revenues, whether now outstanding or hereafter issued), all as provided by the terms of such series of Bonds as modified pursuant to this authorization. Such financial assistance, if any, shall be as provided in the Financial Assistance Agreement and the Bonds of each series of Bonds and the BANs of each series of BANs issued hereunder (including any modification made pursuant to the authorization in this paragraph to the form of Bond otherwise contained herein).

(d) Credit Enhancement; Opinion of Bond Counsel. Prior to the delivery of the Bonds and the BANs, the Controller (i) shall be authorized to investigate, negotiate and obtain bond insurance, other forms of credit enhancement and/or credit ratings on Bonds (and the BANs, if issued) and (ii) shall obtain a legal opinion as to the validity of the Bonds (and the BANs, if issued) from Faegre Baker Daniels LLP, Indianapolis, Indiana, bond counsel for the District, with such opinion or opinions to be furnished to the purchaser or purchasers of the Bonds or to the purchaser of the BANs at the expense of the District. The costs of obtaining any such insurance, other credit enhancement and/or credit ratings, together with bond counsel's fee in preparing and delivering such opinion or opinions and in the performance of related services in connection with the issuance, sale and delivery of the Bonds and the BANs, shall be considered as a part of the cost of the Bonds or the BANs, as applicable, and shall be paid out of the proceeds of the Bonds and BANs, respectively.

Section 10. Disposition of Proceeds of the Bonds and BANs and Other Moneys. The proceeds from the sale of the BANs (or, if and to the extent the BANs are not issued, the Bonds) shall be deposited in a bank or banks which are legally qualified depositories for the funds of the District, in the special account to be designated as "East Chicago Sanitary District 2019 Sewage Works Construction Account" (the "Construction Account"). Amounts in the Construction Account shall be expended only for the purpose of paying the costs of the Project, refunding the BANs, if issued, paying the costs of issuance of the Bonds and the BANs, if the BANs are issued, or as otherwise permitted or required by the Act. Any balance or balances remaining unexpended in the Construction Account after completion of the Project, which are not required to meet unpaid obligations incurred in connection with the acquisition, construction, installation or equipping of the Project, shall be used solely for one or more of the purposes permitted under the provisions of Indiana Code 5-1-13, as amended, or be applied upon the terms forth in the Financial Assistance Agreement.

Notwithstanding the provisions of this Section 10, if BANs are issued, then the proceeds of the Bonds relating thereto shall be used to refund the BANs or to pay additional Project costs and are hereby pledged for such purposes, and any proceeds of the Bonds remaining after the BANs have been paid in full and after completion of the Project shall be used solely for one or more of the purposes permitted under the provisions of Indiana Code 5-1-13, as amended.

If the Bonds are sold to the Authority, to the extent that (i) the total principal amount of the Bonds is not paid by the purchaser or drawn down by the District or (ii) proceeds remain in the Construction Account and are not applied to the Project (or any modifications or additions thereto approved by the Department and the Authority), the District shall reduce the principal amount of the Bonds' maturities to effect such reduction in a manner that will still achieve as level an annual debt service as practicable as described in Section 3 of this Resolution subject to and upon the terms forth in the Financial Assistance Agreement.

Pursuant to the Act, the owners of the Bonds and the BANs shall be entitled to a lien on the proceeds of the Bonds and the BANs, respectively, until such proceeds are applied as required by this Resolution and by Indiana law.

Section 11. Segregation and Application of Sewage Works Revenues. All revenues derived from the operation of the Sewage Works and from the collection of sewage rates and charges (including any System Development Charges that are not considered Net Revenues) shall be deposited in a fund previously established and designated as the Revenue Fund, and shall be segregated and kept separate and apart from all other funds and bank accounts of the District. Out of said revenues the proper and reasonable expenses of operation, repair and maintenance of the Sewage Works shall be paid, the principal and interest of all bonds and fiscal agency charges of bank paying agents shall be paid, and the costs of replacements, extensions, additions and improvements shall be paid as hereinafter provided.

On the last day of each calendar month there shall be credited from the Revenue Fund to the Operation and Maintenance Fund previously established and continued hereby, a sufficient amount of the revenues of the Sewage Works so that the balance in said fund shall be sufficient to pay the expenses of operation, repair and maintenance of the works for the then next succeeding two (2) calendar months. The moneys credited to this fund shall be used for the payment of the reasonable and proper operation, repair and maintenance expenses of the Sewage Works on a day-to-day basis, but none of the moneys in the Operation and Maintenance Fund shall be used for PILOTs, depreciation, replacements, improvements, extensions or additions. Any balance in said fund in excess of the expected expenses of operation, repair and maintenance for the next succeeding calendar month may be transferred to the Sinking Fund if necessary to prevent a default in the payment of principal or interest on outstanding bonds of the Sewage Works.

Section 12. Sinking Fund. (a) There shall be deposited from the Revenue Fund into the Sinking Fund previously established and continued hereby for the payment of the interest on and principal of revenue bonds which by their terms are payable from the Net Revenues of the Sewage Works, and the payment of any fiscal agency charges in connection with the payment of such bonds and interest thereon, a sufficient amount of the Net Revenues of said Sewage Works to meet the requirements of the Bond and Interest Account and the Reserve Account previously established and continued hereby in said Sinking Fund. Such payments shall continue until the

balance in the Bond and Interest Account, plus the balance in the Reserve Account, equals the principal of and interest on all of the then outstanding bonds of the Sewage Works to the final maturity thereof.

(b) Bond and Interest Account. There shall be transferred, on or before the last day of each calendar month, from the Revenue Fund and credited to the Bond and Interest Account, an amount equal to the sum of one-sixth ($1/6$) of the interest on all then outstanding bonds of the Sewage Works payable on the then next succeeding Interest Payment Date, and one-sixth ($1/6$) of the amount of principal payable on all then outstanding bonds of the Sewage Works payable on the then next succeeding principal payment date, until the amount of interest and principal payable on the next succeeding respective interest and principal payment dates shall have been so credited; provided that such fractional amounts shall be appropriately increased, if necessary, to provide for the first interest and first principal payments on the Bonds. There shall similarly be credited to the Bond and Interest Account any amount necessary to pay the bank fiscal agency charges, if any, for paying the principal of and interest on outstanding bonds of the Sewage Works as the same become payable. The District shall, from the sums deposited in the Sinking Fund and credited to the Bond and Interest Account, remit promptly to the registered owners of the outstanding bonds of the Sewage Works or to the bank fiscal agency sufficient moneys to pay the principal and interest on the due dates thereof together with the amount of any bank fiscal agency charges.

(c) Reserve Account. On the date of delivery of each series of the Bonds, or any other bonds payable from the Reserve Account, funds on hand of the Sewage Works, proceeds of the Bonds or such other bonds or a combination thereof may be deposited into the Reserve Account. Subject to the provisions of the 2015 Resolution, the balance to be maintained in the Reserve Account shall equal but not exceed an amount (the "Reserve Requirement") equal to the least of (i) maximum annual debt service on the Bonds, the 2015 Bonds and any other bonds payable from the Reserve Account, (ii) one hundred twenty-five percent (125%) of average annual debt service on the Bonds, the 2015 Bonds and any other bonds payable from the Reserve Account, or (iii) ten percent (10%) of the proceeds of the Bonds, the 2015 Bonds and any other bonds payable from the Reserve Account. If the initial deposit into the Reserve Account does not equal the Reserve Requirement, or if no deposit is made, the District shall deposit a sum of Net Revenues into the Reserve Account on the last day of each calendar month until the balance equals the Reserve Requirement. The monthly deposits shall be equal in amount and sufficient to accumulate the Reserve Requirement within five (5) years of the date of delivery of the Bonds. The Reserve Account shall constitute the margin for safety and protection against default in the payment of principal of and interest on the Bonds and any other bonds payable from the Reserve Account, and the moneys in the Reserve Account shall be used to pay current principal and interest on the Bonds and any other bonds payable from the Reserve Account to the extent that moneys in the Bond and Interest Account are insufficient for that purpose. Any deficiency in the balance maintained in the Reserve Account shall be made up from the next available Net Revenues remaining after credits into the Bond and Interest Account. Any moneys in the Reserve Account in excess of the Reserve Requirement shall either be transferred to the Sewage Works Improvement Fund or be used for the purchase of outstanding bonds or installments of principal of fully registered bonds at a price not exceeding par and accrued interest, and redemption premium, if any.

In the event the Bonds are sold to the Authority, notwithstanding the foregoing, the Reserve Requirement shall be the combined maximum annual debt service on the Bonds and any parity bonds hereafter issued. In such event, on each January 2 subsequent to the delivery of the Bonds, beginning with the January 2 immediately succeeding completion of the Project, the Controller shall decrease, if necessary, the amount on deposit in the Reserve Account so that the remaining amount on deposit equals the Reserve Requirement, provided that the District shall provide to the Authority fifteen (15) days prior written notice of any such intended transfer from the Reserve Account. In the event additional bonds payable from the Net Revenues of the Sewage Works are hereafter issued on a parity with the Bonds, the Reserve Requirement shall be proportionately increased to equal maximum annual debt service on the Bonds and all bonds hereafter issued on a parity therewith; provided, that, if nationally recognized bond counsel is unable to provide an opinion that interest on such proposed additional parity bonds is excludable from gross income for federal income tax purposes as a result of the determination of the Reserve Requirement in the manner provided in this paragraph, then the District may, in order to allow such opinion to be issued, establish a separate reasonably required reserve fund that secures only the proposed parity bonds and shall expressly provide in the authorizing resolution for such proposed parity bonds that the moneys deposited in the Reserve Account hereby as a margin of safety for the payment of principal of and interest on the Bonds do not secure such proposed parity bonds.

The District may at any time and from time to time fund all or any part of the Reserve Account by depositing in the Reserve Account one or more debt service reserve surety bonds or insurance policies (each, a "Reserve Account Credit Instrument"), each of which is issued by an insurance company rated at the time of deposit in the highest rating category by Standard & Poor's Corporation and Moody's Investors Service. As long as any Reserve Account Credit Instrument is in full force and effect, any valuation of the Reserve Account shall treat the maximum amount available under such Reserve Account Credit Instrument as its value. If the Reserve Account Credit Instrument is provided subsequent to the initial cash contribution to the Reserve Fund, and the Bonds are purchased by the Authority, the use of a Reserve Account Credit Instrument shall be consented to by the Authority.

Prior to applying any funds held in any debt service reserve accounts securing any obligations payable out of the revenues of the sewage works of the District to the payment of such obligation, the District shall cause all funds held in the Sinking Fund (or any like fund or account from which debt service has been structured to be paid) to be applied in full before any such reserve accounts are so applied.

(d) Depository Agreements. The Sinking Fund, containing the Bond and Interest Account and the Reserve Account, and/or the Construction Account may be held by a financial institution acceptable to the Authority, pursuant to terms acceptable to the Authority. If the Sinking Fund and the accounts therein are held in trust, the District shall transfer the monthly required amounts of Net Revenues to the Bond and Interest Account and the Reserve Account, and the financial institution holding such funds in trust shall be instructed to pay the required payments in accordance with the payment schedules for the District's outstanding bonds. The Board hereby authorizes the Board President and/or the Controller to execute and deliver an agreement with a financial institution to reflect this trust arrangement for the Sinking Fund and/or the Construction Account.

Section 13. Improvement Fund. On the last day of each calendar month, after meeting the requirements for operation, repair and maintenance, and the Sinking Fund, all available Net Revenues shall be credited to the Improvement Fund previously established and continued hereby. Said fund shall be used for improvements, replacements, additions and extensions of the Sewage Works, or to make payments representing PILOTs. The District reserves the right to transfer PILOTs from the Improvement Fund no more frequently than semiannually in accordance with the Act, and only if all required transfers have been made to the Sinking Fund and the accounts of the Sinking Fund contain the required balances as of the date the PILOTs are paid. In no event shall any PILOTs be treated as an expense of operation and maintenance, nor in any case shall it be payable from the Operation and Maintenance Fund or the Sinking Fund. Moneys in the Improvement Fund shall be transferred to the Sinking Fund if necessary to prevent a default in the payment of principal and interest on the then outstanding bonds or if necessary to eliminate any deficiencies in credits to or minimum balance in the Reserve Account of the Sinking Fund. Moneys in the Improvement Fund also may be transferred to the Operation and Maintenance Fund to meet unforeseen contingencies in the operation, repair and maintenance of the Sewage Works.

Section 14. Investment of Funds. All of the amounts in the funds and accounts created pursuant to this Resolution shall be deposited in lawful depositories of the State of Indiana, and shall be continuously held and secured or invested as provided by the laws of the State of Indiana relating to the depositing, securing, holding and investing of public funds, including particularly Indiana Code 5-13, as amended and supplemented, including pursuant to Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10. The amounts in the Sinking Fund shall be deposited in and maintained as a separate account or accounts from all other bank accounts of the District. The Operation and Maintenance Fund and the Improvement Fund may be maintained in a single account, or accounts, but such account or accounts shall likewise be maintained separate and apart from all other bank accounts of the District and apart from the Sinking Fund account or accounts. In no event shall any of the Net Revenues of the Sewage Works be transferred or used for any purpose not authorized by this Resolution so long as any of the bonds of the Sewage Works issued pursuant to the provisions of this Resolution shall be outstanding. Investment income earned on moneys in the funds and accounts established by this Resolution shall become a part of the funds and accounts invested (except as otherwise provided in Section 12 hereof) and shall be used only as provided in this Resolution and the 2015 Resolution. Nothing in this Section 14 or elsewhere in this Resolution shall be construed to require that separate bank accounts be established and maintained for the Funds and Accounts continued by this Resolution except that (a) the Sinking Fund and Construction Account shall be maintained as a separate bank account from the other Funds and Accounts of the Sewage Works and (b) the other Funds and Accounts of the Sewage Works shall be maintained as a separate bank account from the other funds and accounts of the District.

Section 15. Books of Record and Accounts. The District shall keep proper books of records and accounts, separate from all of its other records and accounts, in which complete and correct entries shall be made showing all revenues collected from said works and deposited in said funds, and all disbursements made therefrom on account of the operation of the works, and to meet the requirements of the Sinking Fund, and all other financial transactions relating to said works. There shall be prepared and furnished, upon written request, to any owner of the Bonds or BANs at the time then outstanding, not more than ninety (90) days after the close of each fiscal year, complete financial statements of the works, covering the preceding fiscal year.

Copies of all such statements and reports shall be kept on file in the office of the Controller. Any owner or owners of the Bonds or BANs then outstanding shall have the right at all reasonable times to inspect the works and all records, accounts and data of the District relating thereto. Such inspections may be made by representatives duly authorized by written instrument.

If the Bonds or BANs are sold to the Bond Bank or the Authority, the District shall establish and maintain the books and other financial records of the Project (including the establishment of a separate account or subaccount for the Project) and the Sewage Works in accordance with (i) generally accepted accounting standards for utilities, on an accrual basis, as promulgated by the Government Accounting Standards Board, and (ii) the rules, regulations and guidance of the State Board of Accounts.

Section 16. Rates and Charges. The District covenants and agrees that it shall, by resolution of the Board and to the fullest extent permitted by law, establish and maintain just and equitable rates or charges for the use of and the services rendered by said works, to be paid by the owner of each and every lot, parcel of real estate or building that is connected with and uses said sewage works by or through any part of the sewage works system of the District, or that in any way uses or is served by such works, at a level adequate to produce and maintain sufficient revenue (including user and other charges, fees, income or revenues available to the District) (provided that System Development Charges shall be excluded, to the extent permitted by law, when determining if such rates and charges are sufficient so long as the Bonds are outstanding and owned by the Authority as part of the SRF Program) to provide for the proper Operation and Maintenance (as defined in the Financial Assistance Agreement) of the works, to comply with and satisfy all covenants contained in this Resolution and the Financial Assistance Agreement, and for the payment of the sums required to be paid into the Sinking Fund by the Act and this Resolution.

Such rates or charges shall, if necessary, be changed and readjusted from time to time so that the revenues therefrom shall always be sufficient to meet the expenses of Operation and Maintenance of the Sewage Works and the requirements of the Sinking Fund. The rates or charges so established shall apply to any and all use of such works by and service rendered to the District and all departments thereof and shall be paid by the District as the charges accrue.

Section 17. Defeasance. If, when the Bonds or BANs issued hereunder (or portions thereof) shall have become due and payable in accordance with their terms or shall have been duly called for redemption or irrevocable instructions to call the Bonds or BANs (or portions thereof) for redemption shall have been given, and the whole amount of the principal, the interest and the premium, if any, so due and payable upon all of the Bonds or BANs (or portions thereof) then outstanding shall be paid; or (i) sufficient moneys, or (ii) direct obligations of, or obligations the principal of and interest on which are unconditionally guaranteed by, the United States of America, the principal of and the interest on which when due will provide sufficient moneys, or (iii) time certificates of deposit fully secured as to both principal and interest by obligations of the kind described in (ii) above of a bank or banks the principal of and interest on which when due will provide sufficient moneys, shall be held in trust for such purpose, and provision shall also be made for paying all fees and expenses for the redemption, then and in that case the Bonds or BANs, as applicable (or portions thereof), issued hereunder shall no longer be deemed outstanding or entitled to the pledge of the Net Revenues of the District's Sewage Works.

Section 18. Additional BANs and Bonds. The District will issue no other bonds or obligations of any kind or nature payable from or enjoying a lien on the Net Revenues of the Sewage Works having priority over the Bonds herein authorized.

The District reserves the right to authorize and issue additional BANs at any time ranking on a parity with the BANs so long as the interest is payable only on the same date(s) as that provided in the BAN Purchase Agreement and the principal is payable solely from the Bond proceeds. The District also reserves the right to authorize and issue additional bonds, payable out of the Net Revenues of its Sewage Works, ranking on a parity with the 2015 Bonds and with the Bonds authorized by this Resolution, for the purpose of financing the cost of future additions, extensions and improvements to the Sewage Works, or to refund obligations, subject to the following conditions:

(a) All required payments into the Sinking Fund shall have been made in accordance with the provisions of this Resolution, and the interest on and principal of all bonds payable from the revenues of the Sewage Works shall have been paid to date in accordance with the terms thereof.

(b) As of the date of issuance of such additional bonds, the balance in the Reserve Account shall equal (i) not less than the Reserve Requirement (not including the increase necessitated by the additional bonds) or (ii) if the additional bonds are to be issued within five (5) years of the date of the issuance of the Bonds, the balance in the Reserve Account equals the amount of aggregate monthly deposits to be made thereto in accordance with Section 12(c) of this Resolution, and the Reserve Requirement is proportionately increased in accordance with the provisions of Section 12(c) of this Resolution and the District covenants to make equal monthly deposits into the Sinking Fund over a sixty (60) month period sufficient to equal the increased Reserve Requirement.

(c) (i) The Net Revenues of the Sewage Works in the fiscal year immediately preceding the issuance of any such bonds ranking on a parity with the Bonds shall be not less than one hundred twenty-five percent (125%) of the maximum annual interest and principal requirements of the then outstanding bonds payable from the Net Revenues of the Sewage Works and the additional parity bonds proposed to be issued; or (ii) prior to the issuance of said parity bonds, the sewage rates and charges shall be increased sufficiently so that said increased rates and charges applied to the previous fiscal year's operations would have produced Net Revenues for said year equal to not less than one hundred twenty-five percent (125%) of the maximum annual interest and principal requirements of the then outstanding bonds payable from the Net Revenues of the Sewage Works and the additional parity bonds proposed to be issued. For purposes of the calculation required by this subsection for any parity bonds proposed to be issued, any PILOTs in a particular year by the District shall not be included in such calculation. For purposes of this subsection, the records of the Sewage Works shall be analyzed and all showings shall be prepared by a certified public accountant or nationally recognized firm of professionals experienced in analyzing financial records of municipal utilities retained by the District for that purpose. In addition, for purposes of this subsection with respect to any parity bonds hereafter issued, while the Bonds remain outstanding and owned by the Authority as part of its SRF Program, Net Revenues may not include any revenues from the System Development Charges unless the Authority provides its consent to include all or some portion of the System

Development Charges as part of the Net Revenues or otherwise consents to the issuance of such parity bonds without satisfying this subsection (c).

(d) The principal of said additional parity bonds shall be payable on January 15 and July 15 and the interest on said additional parity bonds shall be payable semiannually on January 15 and July 15 in the years in which such principal and interest are payable.

(e) If the Bonds are sold to the Authority, (i) the District has obtained the consent of the Authority, (ii) the District has faithfully performed and is in compliance with each of its obligations, agreements and covenants contained in the Financial Assistance Agreement and this Resolution, and (iii) the District is in compliance with its National Pollutant Discharge Elimination System permits, except for non-compliance for which the bonds are to be issued, including refunding bonds issued prior to, but part of, the overall plan to eliminate such non-compliance.

Section 19. Additional Covenants of the District. For the purpose of further safeguarding the interests of the owners of the Bonds and BANs, it is specifically provided as follows:

(a) All contracts let by the District in connection with the construction of said additions and improvements to the Sewage Works shall be let after due advertisement as required by the laws of the State of Indiana, and all contractors shall be required to furnish surety bonds in an amount equal to one hundred percent (100%) of the amount of such contracts, to insure the completion of said contracts in accordance with their terms, and such contractors shall also be required to carry such employer's liability and public liability insurance as are required under the laws of the State of Indiana in the case of public contracts, and shall be governed in all respects by the laws of the State of Indiana relating to public contracts.

(b) Said additions and improvements shall be constructed under the supervision and subject to the approval of the Consulting Engineers or such other competent engineer as shall be designated by the Board. All estimates for work done or material furnished shall first be checked by the Consulting Engineers and approved by the Board.

(c) The District shall at all times maintain its Sewage Works in good condition and operate the same in an efficient manner and at a reasonable cost.

(d) So long as any of the Bonds or BANs are outstanding, the District shall maintain insurance coverage (which must be acceptable to the Authority if the Authority owns the Bonds or the BANs), including fidelity bonds, to protect the sewage works and its operations on the insurable parts of said works of a kind and in an amount such as would normally be carried by private companies engaged in a similar type of business. All insurance shall be placed with responsible insurance companies qualified to do business under the laws of the State of Indiana. All insurance proceeds and condemnation awards shall be used in replacing or restoring the property destroyed, damaged or taken; alternatively, they may be applied as Net Revenues of the works, but only with the consent of the Authority, if the Bonds or BANs have been sold to the Authority.

(e) So long as any of the Bonds or BANs are outstanding, the District shall not mortgage, pledge or otherwise encumber such works, or any part thereof, nor shall it sell, lease or otherwise dispose of any portion thereof except to replace equipment which may become worn out or obsolete.

(f) If the Authority purchases the Bonds as part of any of its SRF Program, so long as the Bonds are outstanding and owned by the Authority, and, except as otherwise specifically provided in Section 18 hereof, the District shall not without the prior written consent of the Authority (i) enter into any lease, contract or agreement or incur any other liabilities in connection with the sewage works other than for normal operating expenditures or (ii) borrow any money (including without limitation any loan from other utilities operated by the District) in connection with the sewage works.

(g) Except as hereinbefore provided in Section 18 of this Resolution, so long as any of the Bonds are outstanding, no additional bonds or other obligations pledging any portion of the revenues of said sewage works shall be authorized, executed or issued by the District except such as shall be made subordinate and junior in all respects to the Bonds, unless all of the Bonds are redeemed, retired or defeased pursuant to Section 17 hereof coincidentally with the delivery of such additional bonds or other obligations.

(h) The District shall take all action or proceedings necessary and proper to require connection of all property where liquid and solid waste, sewage, night soil or industrial waste is produced with available sanitary sewers. The District shall, insofar as possible, cause all such sanitary sewers to be connected with said sewage works.

(i) The provisions of this Resolution shall constitute a contract by and between the District and the owners of the Bonds and BANs, and after the issuance of said Bonds and BANs, subject to the rights of the District under Section 23 hereof, this Resolution shall not be repealed or amended in any respect which will adversely affect the rights of the owners of said Bonds and BANs, nor shall the Board adopt any law, ordinance or resolution which in any way adversely affects the rights of such owners so long as any of said Bonds or BANs or the interest thereon remains unpaid. Except with respect to amendments described in Section 23(a) through (g) hereof, however, this Resolution may be amended without the consent of the owners of the Bonds or the BANs (i) if, among other things, the Board determines, in its sole discretion, that such amendment would not adversely affect the owners of the Bonds or the BANs, respectively, and (ii) as otherwise permitted pursuant to Section 23 hereof; provided, however, that if the Bonds or BANs are sold to the Authority, the District shall obtain the prior written consent of the Authority.

(j) The provisions of this Resolution shall be construed to create a trust in the proceeds of the sale of the Bonds and BANs for the uses and purposes herein set forth, and the owners of the Bonds and BANs shall retain a lien on such respective proceeds until the same are applied in accordance with the provisions of this Resolution and of the Act. The provisions of this Resolution shall also be construed to create a trust in the portion of the Net Revenues herein directed to be set apart and paid into the Sinking Fund for the uses and purposes of said fund as in this Resolution set forth. The owner of said Bonds and BANs shall have all of the rights, remedies and privileges set forth in the provisions of the Act, including the right to have a receiver appointed to administer said Sewage Works in the event of default in the payment of the

principal of or interest on any of the Bonds or BANs or in the event of default in respect to any of the provisions of this Resolution or the Act.

(k) So long as any of the BANs or Bonds are outstanding, no moneys derived from the revenues of the sewage works shall be transferred to the General Fund of the District or be used for any purpose not connected with the sewage works other than to pay PILOTs as permitted hereunder.

(l) For purposes of this Section 19, the term "lease" shall include any lease, contract or other instrument conferring a right upon the District to use property in exchange for a periodic payment made from the revenues of the sewage works, whether the District desires to cause such to be, or by its terms (or its intended effects) is to be, (i) payable as rent, (ii) booked as an expense or an expenditure, or (iii) classified for accounting or other purposes as a capital lease, financing lease, operating lease, non-appropriation leases, installment purchase agreement or lease, or otherwise (including any combination thereof).

Section 20. Permitted Actions Relating to Preservation of Exclusion of Interest from Federal Gross Income. (a) The Controller is hereby authorized to invest moneys pursuant to the provisions of this Resolution and Indiana Code 5-1-14-3 at a restricted yield (subject to applicable requirements of federal law to insure that any such investment is acquired for fair market value) to the extent necessary or advisable to preserve the exclusion from gross income of interest on the Bonds and BANs, or the tax exempt status of interest on the Bonds and BANs, under federal law.

(b) The Controller shall keep full and accurate records of investment earnings and income from moneys held in the funds and accounts created or referenced herein. In order to comply with the provisions of this Resolution, the Controller is hereby authorized and directed to employ consultants or attorneys from time to time to advise the District as to requirements of federal law to preserve the tax exclusion or exemption.

Section 21. Tax Covenants. In order to preserve the exclusion of interest on the Bonds and BANs from gross income for federal income tax purposes and as an inducement to purchasers of the Bonds and BANs, the District represents, covenants and agrees that:

(a) No person or entity or any combination thereof, other than the City, the District or any other governmental unit ("Governmental Unit") within the meaning of Section 141(b)(6) and Section 150(a)(2) of the Internal Revenue Code of 1986, as amended (the "Code"), will use more than ten percent (10%) of the proceeds of the Bonds or BANs or property financed or refinanced by the Bond or BAN proceeds other than as a member of the general public. No person or entity or combination thereof, other than the District or any other Governmental Unit will own property financed or refinanced by more than ten percent (10%) of the Bond or BAN proceeds or will have actual or beneficial use of such property pursuant to a lease, a management or incentive payment contract, an arrangement such as a take-or-pay or other type of output contract or any other type of arrangement that differentiates that person's or entity's use of such property from the use by the public at large, except pursuant to a management or similar contract which satisfies the requirements of IRS Revenue Procedure 2017-13.

(b) No Bond or BAN proceeds will be loaned to any entity or person. No Bond or BAN proceeds will be transferred, directly or indirectly, or deemed transferred to a nongovernmental person in any manner that would in substance constitute a loan of the Bond or BAN proceeds.

(c) The District will not take, or cause or permit to be taken by it or by any party under its control, or fail to take or cause or permit to fail to be taken by it or by any party under its control, any action with respect to the Bonds or BANs that would result in the loss of the exclusion from gross income for federal income tax purposes of interest on the Bonds or BANs pursuant to Section 103 of the Code, nor will the District act in any other manner which would adversely affect such exclusion. The District further covenants that it will not make any investment or do any other act or thing during the period that any Bond or BAN is outstanding hereunder which would cause any Bond or BAN to be an "arbitrage bond" within the meaning of Section 148 of the Code and the regulations applicable thereto as in effect on the date of delivery of the Bonds or BANs.

(d) The District will, to the extent necessary to preserve the exclusion of interest on the Bonds and BANs from gross income for federal income tax purposes, rebate all required arbitrage profits on Bond and BAN proceeds or other moneys treated as Bond or BAN proceeds to the federal government and will set aside such moneys in a Rebate Account to be held by the Controller in trust for such purpose.

Section 22. Compliance with Tax Sections. Notwithstanding any other provisions of this Resolution, the covenants and authorizations contained in this Resolution ("Tax Sections") which are designed to preserve the tax exempt status of interest on the Bonds and BANs or the exclusion of interest on the Bonds and BANs from gross income under federal law ("Tax Exemption") need not be complied with if the District receives an opinion of nationally recognized bond counsel that any Tax Section is unnecessary to preserve the Tax Exemption. In addition, the District is authorized to issue one or more series of Bonds or BANs, the interest on which is not excludable from gross income under federal law, in which case the Tax Sections of this Resolution shall not apply to such series of Bonds or BANs.

Section 23. Supplemental Resolutions. Without notice to or consent of the owners of the bonds or BANs herein authorized, the District may, from time to time and at any time, adopt a resolution or resolutions supplemental hereto (which supplemental resolution or resolutions shall thereafter form a part hereof) for any of the following purposes:

(i) To cure any ambiguity or formal defect or omission in this Resolution or in any supplemental resolution or to make any other change authorized herein;

(ii) To grant to or confer upon the owners of the Bonds and BANs any additional benefits, rights, remedies, powers, authority or security that may lawfully be granted to or conferred upon the owners of the Bonds and BANs or to make any change which, in the judgment of the District, is not to the prejudice of the owners of the Bonds or BANs;

(iii) To modify, amend or supplement this Resolution to permit the qualification of the Bonds or BANs for sale under the securities laws of the United States

of America or of any of the states of the United States of America or to obtain or maintain bond insurance or other credit enhancement with respect to payments of principal of and interest on Bonds or BANs;

(iv) To provide for the refunding or advance refunding of the Bonds;

(v) To procure a rating on the Bonds from a nationally recognized securities rating agency or agencies designated in such supplemental resolution if such supplemental resolution will not adversely affect the owners of the Bonds or any other bonds ranking on a parity with such Bonds; or

(vi) To accomplish any other purpose which, in the judgment of the District, does not adversely affect the interests of the owners of the Bonds or BANs;

provided, however, that if the Bonds or BANs are sold to the Authority, the District shall obtain the prior written consent of the Authority.

Subject to the terms and provisions contained in this Section 23 and Section 19(i) of this Resolution, and not otherwise, the owners of not less than sixty-six and two-thirds percent (66-2/3%) in aggregate principal amount of the Bonds issued pursuant to this Resolution and then outstanding shall have the right, from time to time, anything contained in this Resolution to the contrary notwithstanding, to consent to and approve the adoption by the District of such resolution or resolutions supplemental hereto as shall be deemed necessary or desirable by the District for the purpose of modifying, altering, amending, adding to or rescinding in any particular any of the terms or provisions contained in this Resolution, or in any supplemental resolution; provided, however, that if the Bonds or BANs are sold to the Authority, the District shall obtain the prior written consent of the Authority; and provided, further, that nothing herein contained shall permit or be construed as permitting:

(a) An extension of the maturity of the principal of or interest on any Bond issued pursuant to this Resolution; or

(b) A reduction in the principal amount of any Bond or the redemption premium or the rate of interest thereon; or

(c) The creation of a lien upon or a pledge of the Net Revenues of the sewage works ranking prior to the pledge thereof created by this Resolution; or

(d) A preference or priority of any Bond or Bonds issued pursuant to this Resolution over any other Bond or Bonds issued pursuant to the provisions of this Resolution; or

(e) A reduction in the aggregate principal amount of the Bonds required for consent to such supplemental resolution; or

(f) A reduction in the Reserve Requirement; or

(g) The extension of mandatory sinking fund redemption dates, if any.

If the owners of not less than sixty-six and two-thirds percent (66-2/3%) in aggregate principal amount of the Bonds outstanding at the time of adoption of such supplemental resolution shall have consented to and approved the adoption thereof by written instrument to be maintained on file in the office of the District, no owner of any Bond issued pursuant to this Resolution shall have any right to object to the adoption of such supplemental resolution or to object to any of the terms and provisions contained therein or the operation thereof, or in any manner to question the propriety of the adoption thereof, or to enjoin or restrain the District or its officers from adopting the same, or from taking any action pursuant to the provisions thereof. Upon the adoption of any supplemental resolution pursuant to the provisions of this Section 23, this Resolution shall be, and shall be deemed, modified and amended in accordance therewith, and the respective rights, duties and obligations under this Resolution of the District and all owners of Bonds issued pursuant to the provisions of this Resolution then outstanding, shall thereafter be determined, exercised and enforced in accordance with this Resolution, subject in all respects to such modifications and amendments. Notwithstanding anything contained in the foregoing provisions of this Resolution, the rights and obligations of the District and of the owners of the Bonds authorized by this Resolution, and the terms and provisions of the Bonds and this Resolution, or any supplemental resolution, may be modified or altered in any respect with the consent of the District and the consent of the owners of all the Bonds issued pursuant to this Resolution then outstanding.

Section 24. Official Statement. Any series of the Bonds may be offered and sold pursuant to an Official Statement or other offering document with respect to such Bonds (the "Official Statement"), to be made available and distributed in such manner, at such times, for such periods and in such number of copies as may be required pursuant to Rule 15c2-12 promulgated by the United States Securities and Exchange Commission (the "Rule") and any and all applicable rules and regulations of the Municipal Securities Rulemaking Board. The District hereby authorizes the Controller (a) to authorize and approve a Preliminary Official Statement, as the same may be appropriately confirmed, modified and amended for distribution as the Preliminary Official Statement of the District; (b) on behalf of the District, to designate the Preliminary Official Statement a "final" Official Statement with respect to such Bonds, subject to completion as permitted by and otherwise pursuant to the Rule; and (c) to authorize and approve the Preliminary Official Statement to be placed into final form and to enter into such agreements or arrangements as may be necessary or advisable in order to provide for the distribution of a sufficient number of copies of the Official Statement under the Rule. The Board President and the Secretary of the Board are further authorized to execute and attest, respectively, an agreement in connection with the offering of such Bonds in accordance with the Rule by which the District agrees to undertake such continuing disclosure obligations as may be required under the Rule.

Section 25. Repeal of Conflicting Resolutions. All resolutions and orders, or parts thereof, in conflict with the provisions of this Resolution, are, to the extent of such conflict, hereby repealed; provided, however, that this Resolution shall not be deemed in any way to repeal, amend, alter or modify any of the 2015 Resolution, nor be construed as adversely affecting the rights of any of the owners of the outstanding 2015 Bonds.

Section 26. Rates and Charges. The estimate of rates and charges which will be needed and charged to the general classes of users of property to be served by the Sewage Works in order to provide sufficient moneys to make payments of principal of and interest on the Bonds, along with the other payments identified in this Resolution, is set forth in the Board's existing

Rate Resolution, as amended to the date hereof, and as said Rate Resolution may be hereafter further amended.

Section 27. Payments on Holidays. If the date of making any payment or the last date for performance of any act or the exercising of any right, as provided in this Resolution, shall be a legal holiday or a day on which banking institutions in the District or the town or city in which the Registrar and Paying Agent is located are typically closed, such payment may be made or act performed or right exercised on the next succeeding day not a legal holiday or a day on which such banking institutions are typically closed, with the same force and effect as if done on the nominal date provided in this Resolution, and no interest shall accrue for the period after such nominal date. Notwithstanding the foregoing, with respect to any Bonds sold to the Authority pursuant to Section 9 of this Resolution, if the date for making any payment is a day when financial institutions are not open for business, such payment shall be made on the business day immediately preceding such payment date.

Section 28. Separability. If any section, paragraph or provision of this Resolution shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph or provision shall not affect any of the remaining provisions of this Resolution.

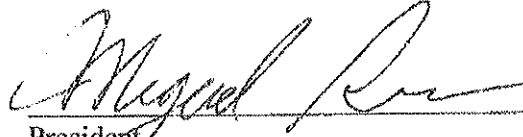
Section 29. Captions. The captions in this Resolution are inserted only as a matter of convenience and reference, and such captions are not intended and shall not be construed to define, limit, establish, interpret or describe the scope, intent or effect of any provision of this Resolution.

Section 30. Effectiveness. This Resolution shall be in full force and effect from and after its passage.

* * * * *

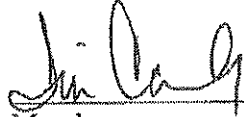
Adopted this 7th day of November, 2019.

BOARD OF SANITARY
COMMISSIONERS OF THE
EAST CHICAGO SANITARY DISTRICT



President

Vice President



Member




Member



Member

ATTEST:



Secretary

APPENDIX A

[Form of Bond]

UNITED STATES OF AMERICA
STATE OF INDIANA, COUNTY OF LAKE
EAST CHICAGO SANITARY DISTRICT
SANITARY DISTRICT REVENUE BOND, SERIES 20__

No. __ R-__

[Maturity Date]	Interest Rate	Original Date	Authentication Date	[CUSIP No.]
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Registered Owner:

Principal Amount: \$

The East Chicago Sanitary District (the "District"), in Lake County, State of Indiana, for value received, hereby promises to pay to the Registered Owner specified above, or registered assigns, upon surrender hereof, solely out of the special revenue fund hereinafter referred to, the Principal Amount stated above, [on the Maturity Date stated above] [or so much thereof as may be advanced from time to time and be outstanding as evidenced by the records of the registered owner making payment for this Bond, on January 15 and July 15 in the years and in the amounts as set forth on Schedule A attached hereto] (unless this bond be subject to and shall have been called for redemption prior to maturity as hereinafter provided), and to pay interest hereon until the Principal Amount is fully paid at the Interest Rate per annum specified above from the interest payment date to which interest has been paid next preceding the Authentication Date of this bond unless this bond is authenticated after the last day of the month immediately preceding an interest payment date and on or before such interest payment date, in which case it shall bear interest from such interest payment date, or unless this bond is authenticated on or before _____, 20__, in which case it shall bear interest from the Original Date specified above, which such interest is payable semiannually on January 15 and July 15 of each year, commencing _____ 15, 20__. Interest shall be calculated on the basis of twelve (12) thirty (30)-day months for a three hundred sixty (360)-day year.

The principal of this bond is payable at the principal office of _____ in the _____ of _____, Indiana, as Registrar and Paying Agent (which term shall include any successor registrar and paying agent). All payments of interest hereon will be paid by check or draft mailed or delivered by the Paying Agent to the Registered Owner hereof at the address as it appears on the registration books of the Registrar as of the last day of the calendar month immediately preceding the applicable interest payment date or at such other address as is furnished to the Paying Agent in writing by such Registered Owner. All payments on this bond

shall be made in any coin or currency of the United States of America which, on the dates of such payments, shall be legal tender for the payment of public and private debts.

[Notwithstanding the foregoing, if payment of principal or interest is made to a depository, payment shall be by wire transfer on the payment date in same day funds.] [Notwithstanding the foregoing paragraph, so long as this bond is registered in the name of the Indiana Finance Authority (the "Authority"), principal of and interest on this bond shall be paid by wire transfer to a financial institution designated by the Authority on the due date of such payment or, if such date is a day when financial institutions are not open for business, on the business day immediately preceding such due date. So long as the Authority is the registered owner of this bond, this bond shall be presented for payment as directed by the Authority.]

[So long as the Authority is the registered owner of this bond, it is understood that the principal hereof shall not be payable and interest hereon shall not accrue until such principal amount has been advanced pursuant to a request made by the District to the Authority.]

This bond and the other bonds of this issue, together with the interest payable hereon and thereon, are payable solely from and secured by an irrevocable pledge of and constitute a charge upon all of the Net Revenues (herein defined as the gross revenues, inclusive of System Development Charges (as defined in the hereinafter-defined Resolution), after the deduction only for the payment of the reasonable expenses of operation, repair and maintenance of the sewage works of the District (the "Sewage Works"), but excluding transfers for PILOTs (as defined in the Resolution)) of the Sewage Works, including the existing works, [the improvements and extensions acquired or constructed out of the proceeds of this bond and the issue of which it is a part,] and all additions and improvements thereto subsequently acquired or constructed. This bond and the other bonds of this issue rank on a parity basis with the 2015 Bonds, as defined in the Resolution. The District shall not be obligated to pay the principal of or interest on this bond except from the special fund, entitled the "Sinking Fund" (heretofore created by resolution of the District and continued under the Resolution), provided from the Net Revenues of such sewage works, and neither this bond nor any of the bonds of the issue of which this bond is a part shall constitute an indebtedness of the District within the meaning of the provisions and limitations of the constitution of the State of Indiana.

This bond is one of an authorized issue of bonds of the East Chicago Sanitary District, of like tenor and effect, except as to series, numbering, interest rate and date of maturity, in the total amount not to exceed _____ Dollars (\$ _____) numbered from ___ R-1 upward, issued for the purpose of providing funds to pay the cost of certain improvements and extensions to the sewage works of the District (the "Sewage Works"), [and to refund notes issued in anticipation of bonds,] and all expenses necessarily incurred in connection with the issuance of such bonds, as authorized by a resolution adopted by the Board of the District on the ____ day of _____, 2019, entitled "A resolution authorizing the acquisition, construction, installation and equipping by the East Chicago Sanitary District, of certain improvements and extensions to the District's sewage works, the issuance and sale of revenue bonds to provide funds for the payment of the costs thereof, the issuance and sale of bond anticipation notes in anticipation of the issuance and sale of such bonds, and the collection, segregation and distribution of the revenues of such sewage works and other related matters" (the

"Resolution"), and in strict compliance with the provisions of Indiana Code, Title 36, Article 9, Chapter 25, and the laws amendatory thereof and supplemental thereto (collectively, the "Act").

Reference is hereby made to the Resolution for a description of the nature and extent of the rights, duties and obligations of the owner of the bonds and the District and the terms on which this bond is issued, and to all the provisions of the Resolution to which the owner hereof by the acceptance of this bond assents. [Reference is hereby made to the Financial Assistance Agreement between the District and the Authority as to certain terms and covenants pertaining to the sewage works project and this bond (the "Financial Assistance Agreement").]

This bond is issuable only in fully registered form in the denomination of _____ Dollars (\$_____) or any integral multiple thereof not exceeding the aggregate principal amount of the bonds of this issue maturing in any one year[, unless this bond is of a series of bonds sold to the Bond Bank or the Authority, in which case it may be of such denomination as directed].

Pursuant to the provisions of the Act and the Resolution, the principal of and interest on this bond and all other bonds of this issue, together with the 2015 Bonds and any bonds hereafter issued on a parity herewith and therewith, are secured by and are payable solely from the Sinking Fund heretofore created, and continued by the Resolution, to be provided from the Net Revenues of the Sewage Works, including the existing works, the improvements and extensions acquired or constructed out of the proceeds of this bond and the issue of which it is a part, and all additions and improvements thereto and replacements thereof subsequently constructed and acquired. This bond does not and shall not constitute an indebtedness of the District within the meaning of the provisions and limitations of the constitution of the State of Indiana, and the District is not and shall not be obligated to pay this bond or the interest thereon except from such special fund provided from such Net Revenues.

The District irrevocably pledges the entire Net Revenues of the Sewage Works to the extent necessary for such purposes, to the prompt payment of the principal of and interest on the bonds of this issue authorized pursuant to the Resolution, including this bond and any bonds hereafter issued on a parity herewith. The District covenants that it will to the fullest extent permitted by law cause to be fixed, maintained and collected such rates and charges for services rendered by such works as are sufficient in each year for the payment of the proper and reasonable expenses of Operation and Maintenance [(as defined in the Financial Assistance Agreement)] of said works, to comply with and satisfy all covenants contained in the Resolution [and the Financial Assistance Agreement], and for the payment of the sums required to be paid into said Sinking Fund under the provisions of said Act and said Resolution. In the event the District, or the proper officers thereof, shall fail or refuse to so fix, maintain and collect such rates or charges, or if there be a default in the payment of the principal of or interest on this bond, the Registered Owner of this bond shall have all of the rights and remedies provided for in the Act, including the right to have a receiver appointed to administer the works and to charge and collect rates sufficient to provide for the payment of the principal of and interest on this bond.

The District further covenants that it will set aside and pay into its Sinking Fund a sufficient amount of the Net Revenues of the Sewage Works to meet (a) the interest on all bonds payable from the revenues of the Sewage Works, as such interest shall fall due, (b) the necessary fiscal agency charges for paying all bonds and interest, (c) the principal of all bonds payable

from the revenues of the Sewage Works, and (d) an additional amount as a margin of safety to create the reserve required by the Resolution.

The District reserves the right pursuant to the terms and conditions of the Resolution to authorize and issue additional bonds hereafter payable out of the New Revenues of the Sewage Works, ranking on a parity herewith or junior hereto for the purpose of financing future extensions and improvements to the Sewage Works or to refund outstanding sanitary district revenue bonds.

The bonds of this issue maturing on or after _____ 15, 20____, are subject to redemption prior to maturity, at the option of the District, in whole or in part, on _____ 15, 20____, or at any time thereafter, in inverse order of maturity and by lot within any such maturity or maturities by the Registrar at a redemption price expressed as a percentage of the principal amount of each bond to be redeemed in accordance with the following schedule, plus accrued interest to the date of redemption [(provided, however, if the bonds are sold to the SRF Program (as defined in the Resolution) and registered in the name of the Authority, such bonds shall not be redeemable at the option of the District unless and until consented by the Authority)]:

Redemption Period
(Both Dates Inclusive)

Redemption Price

Notice of any such redemption shall be sent by registered or certified mail to the Registered Owner of this bond at least [thirty (30)] [sixty (60)] days prior to the date fixed for redemption, unless such notice is waived by the Registered Owner. The notice shall specify the redemption price, the date and place of redemption, and the registration numbers (and in case of partial redemption, the respective principal amounts) of the bonds called for redemption. Interest on bonds so called for redemption shall cease to accrue on the redemption date fixed in such notice, so long as sufficient funds are available at the place of redemption to pay the redemption price on the redemption date or when presented for payment.

If this bond or a portion hereof shall have become due and payable in accordance with its terms or this bond or a portion hereof shall have been duly called for redemption or irrevocable instructions to call this bond or a portion hereof for redemption shall be given and the whole amount of the principal and the premium, if any, and interest, so due and payable upon this bond or such portion hereof shall be paid, or (i) sufficient moneys, or (ii) direct obligations of, or obligations the principal of and interest on which are unconditionally guaranteed by the United States of America, the principal of and the interest on which when due will provide sufficient moneys for such purpose, or (iii) time certificates of deposit of a bank or banks, fully secured as to both principal and interest by obligations of the kind described in (ii) above, the principal of and interest on which when due will provide sufficient moneys for such purpose, shall be held in trust for such purpose, and provision shall also be made for paying all fees and expenses for the redemption, then and in that case this bond or such portion hereof shall no longer be deemed outstanding, entitled to the pledge of the Net Revenues of the sewage works or an obligation of the District.

If this bond shall not be presented for payment or redemption on the date fixed therefor, the District may deposit in trust with the Paying Agent an amount sufficient to pay such bond or the redemption price, as appropriate, and thereafter the Registered Owner shall look only to the funds so deposited in trust with the Paying Agent for payment, and the District shall have no further obligation or liability with respect thereto.

Subject to the provisions of the Resolution regarding the registration of such bonds, this bond and all other bonds of this issue of which this bond is a part are fully negotiable instruments under the laws of the State of Indiana. This bond is transferable or exchangeable only on the books of the District maintained for such purpose at the principal office of the Registrar, by the Registered Owner hereof in person, or by his attorney duly authorized in writing, upon surrender of this bond together with a written instrument of transfer or exchange satisfactory to the Registrar duly executed by the Registered Owner or his attorney duly authorized in writing, and thereupon a new fully registered bond or bonds in the same aggregate principal amount and of the same maturity shall be executed and delivered in the name of the transferee or transferees or the Registered Owner, as the case may be, in exchange therefor. This bond may be transferred or exchanged without cost to the Registered Owner or his attorney duly authorized in writing, except for any tax or other governmental charge which may be required to be paid with respect to such transfer or exchange. The Registrar shall not be obligated to make any exchange or transfer of this bond (i) during the fifteen (15) days immediately preceding an interest payment date on this bond or (ii) after the mailing of any notice calling this bond for redemption. The District, the Registrar and any Paying Agent for this bond may treat and consider the person in whose name this bond is registered as the absolute owner hereof for all purposes including for the purpose of receiving payment of, or on account of, the principal hereof and the redemption premium, if any, and interest due hereon.

In the event this bond is mutilated, lost, stolen or destroyed, the District may cause to be executed and the Registrar may authenticate a new bond of like date, maturity and denomination as this bond, which new bond shall be marked in a manner to distinguish it from this bond; provided, that in the case of this bond being mutilated, this bond shall first be surrendered to the Registrar, and in the case of this bond being lost, stolen or destroyed, there shall first be furnished to the Registrar evidence of such loss, theft or destruction satisfactory to the District and to the Registrar, together with indemnity satisfactory to them. In the event that this bond, being mutilated, lost, stolen or destroyed, shall have matured or been called for redemption, instead of causing to be issued a duplicate bond the Registrar may pay this bond upon surrender of this mutilated bond or upon satisfactory indemnity and proof of loss, theft or destruction in the event this bond is lost, stolen or destroyed. In such event, the District and the Registrar may charge the owner of this bond with their reasonable fees and expenses in connection with the above. Every substitute bond issued by reason of this bond being lost, stolen or destroyed shall, with respect to this bond, constitute a substitute contractual obligation of the District, whether or not this bond, being lost, stolen or destroyed shall be found at any time, and shall be entitled to all the benefits of the Resolution, equally and proportionately with any and all other bonds duly issued thereunder.

In the manner provided in the Resolution, the Resolution and the rights and obligations of the District and the owners of the bonds of this issue authorized thereunder, including this bond, may (with certain exceptions as stated in the Resolution) be modified or amended with the

consent of the owners of at least sixty-six and two-thirds percent (66-2/3%) in aggregate principal amount of such bonds exclusive of any such bonds which may be owned by the District.

The Registered Owner of this bond, by the acceptance hereof, hereby agrees to all the terms and provisions contained in the Resolution.

The District, the Registrar and the Paying Agent may deem and treat the Registered Owner hereof as the absolute owner hereof for the purpose of receiving payment of or on account of principal hereof and the interest due hereon and for all other purposes, and none of the District, the Registrar or the Paying Agent shall be affected by any notice to the contrary.

This bond shall not be valid or become obligatory for any purpose or entitled to any security or benefit under the Resolution herein described unless and until the certificate of authentication hereon shall have been executed by a duly authorized representative of the Registrar.

The District hereby certifies, recites and declares that all acts, conditions and things required to be done precedent to and in the preparation, execution, issuance and delivery of this bond have been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, the East Chicago Sanitary District, in Lake County, State of Indiana, has caused this bond to be executed in the name of the City of East Chicago, Indiana, acting for and on behalf of the Sanitary District, by the manual or facsimile signature of the Mayor of the City of East Chicago, and the corporate seal of the City of East Chicago to be hereunto affixed or impressed by any means and attested by the manual or facsimile signature of the Controller of the City of East Chicago.

CITY OF EAST CHICAGO, INDIANA

By: _____
Mayor

(Seal of the City)

ATTEST:

Controller

REGISTRAR'S CERTIFICATE OF AUTHENTICATION

This bond is one of the East Chicago Sanitary District Sanitary District Revenue Bonds, Series 20____, issued and delivered pursuant to the provisions of the within-mentioned Resolution.

By: _____
Authorized Officer

ASSIGNMENT

FOR VALUE RECEIVED the undersigned hereby sells, assigns and transfers unto _____ (insert name and address) the within bond and all rights thereunder, and hereby irrevocably constitutes and appoints _____ attorney to transfer the within bond on the books kept for the registration thereof with full power of substitution in the premises.

Dated: _____

NOTICE: The signature to this assignment must correspond with the name as it appears on the face of the within bond in every particular, without alteration or enlargement or any change whatsoever.

Signature Guarantee:

NOTICE: Signature(s) must be guaranteed by an eligible guarantor institution participating in a Security Transfer Association recognized signature guarantee program.

[SCHEDULE A
PRINCIPAL PAYMENT SCHEDULE

<u>Date</u>	<u>Principal Amount</u>
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APPENDIX B

FORM OF FINANCIAL ASSISTANCE AGREEMENT

**STATE OF INDIANA
WASTEWATER REVOLVING LOAN PROGRAM**

FINANCIAL ASSISTANCE AGREEMENT made as of this ____ day of ____ 2019 by and between the Indiana Finance Authority (the "Finance Authority"), a body politic and corporate, not a state agency but an independent instrumentality of the State of Indiana (the "State") and the East Chicago Sanitary District of the City of East Chicago, Indiana (the "Participant" or the "District"), a political subdivision as defined in I.C. 5-1.2-2-57 and existing under I.C. 36-9-25, and the City of East Chicago, Indiana (the "City") through whom certain undertakings are herein made, witnesseth:

WHEREAS, the State's Wastewater Revolving Loan Program (the "Wastewater SRF Program") has been established in accordance with the federal Clean Water Act and the regulations promulgated thereunder, and pursuant to I.C. 5-1.2-10 (the "Wastewater SRF Act"), which Wastewater SRF Act also establishes the wastewater revolving loan fund (the "Wastewater SRF Fund"); and

WHEREAS, pursuant to the Wastewater SRF Act, the State was authorized to fund the Wastewater SRF Program with federal capitalization grants, together with required state matching funds therefor, and to operate the Wastewater SRF Program, and prior to May 15, 2005 so funded and operated the Wastewater SRF Program; and

WHEREAS, pursuant to Public Law 235 - 2005, by operation of law and effective May 15, 2005, the Finance Authority has become the successor to the State in all matters related to the Wastewater SRF Program (including use and acceptance of federal capitalization grants and required state matching funds and operation of the Wastewater SRF Program); and

WHEREAS, the Participant is a duly existing political subdivision of the State, lawfully empowered to undertake all transactions and execute all documents mentioned or contemplated herein; and

WHEREAS, the City has previously entered into (a) two Financial Assistance Agreement with the State (in its capacity as predecessor to the Finance Authority in matters related to the Wastewater SRF Program and the Drinking Water SRF Program), dated as of December 27, 1996 and June 17, 2002, respectively, (b) a Financial Assistance Agreement with the Finance Authority (related to the Drinking Water SRF Program), dated December 22, 2017, and (c) an Amended and Restated Financial Assistance Agreement with the Finance Authority (related to the Drinking Water SRF Program), dated as of November 12, 2009 (each a "Prior Agreement" and, collectively, the "Prior Agreements") to borrow money from the Wastewater and Drinking Water SRF Programs to construct and acquire separate projects (as described and defined in the

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Prior Agreements).

WHEREAS, the Participant has determined to undertake a wastewater treatment system project (as more fully described herein, the "Project") and to borrow money from the Wastewater SRF Program to construct and acquire the Project; and

WHEREAS, the Finance Authority and the Participant desire to set forth the terms of such financial assistance as hereinafter provided.

NOW THEREFORE, in consideration of the mutual covenants herein set forth, the Finance Authority and the Participant agree as follows:

ARTICLE I **DEFINITIONS**

Section 1.01. Definitions. The following terms shall, for all purposes of this Agreement, have the following meaning:

"Agency" shall mean the United States Environmental Protection Agency or its successor.

"Asset Management Program" means programs, plans and documentation (including a Fiscal Sustainability Plan) that demonstrates that the Participant has the financial, managerial, technical, and legal capability to operate and maintain its Treatment Works and which is consistent with SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act.

"Authorizing Instrument(s)" shall mean the separate trust indenture(s) of the Participant entered into with a corporate trustee or the detailed resolution(s) or ordinance(s) of the Board pursuant to which the Bonds are issued in accordance with State law and herein shall include the Bond Resolution.

"Authorized Representative" shall mean the Controller or the District Manager or such other officer, official, or representative of the Board duly authorized to act for and on behalf of the Participant as provided for herein.

"Board" shall mean the Board of Sanitary Commissioners of the Participant.

"Bond" or **"Bonds"** shall mean the instrument(s) which evidence(s) the Loan, as authorized by the Authorizing Instrument and containing the terms set forth in Section 2.02 of this Agreement.

"Bond Fund" shall mean the separate and segregated fund or account established and created by the Participant pursuant to the Authorizing Instrument from which payment of the principal of and interest on the Bonds is required to be made by the Participant.

“Bond Resolution” shall mean the District’s Bond Resolution No. _____, adopted on _____, 2019.

“Business Day” shall mean any day other than a Saturday, Sunday or State legal holiday or any other day on which financial institutions in the State are authorized by law to close and to remain closed.

“Clean Water Act” shall mean the Federal Water Pollution Control Act, 33 U.S.C. Sections 1251-1387, and other laws, regulations and guidance supplemental thereto (including the 2014 Appropriations Act and the Water Resources Reform and Development Act of 2014), as amended and supplemented from time to time.

“Code” shall mean the Internal Revenue Code of 1986, as amended and supplemented from time to time, together with the regulations related thereto.

“Construction Fund” shall mean the separate and segregated fund or account established and created by the Participant pursuant to the Authorizing Instrument to receive proceeds of the Bonds and from which Eligible Costs of the Project may be paid by the Participant.

“Credit Instrument” means a letter of credit, surety bond, liquidity facility, insurance policy or comparable instrument furnished by a Credit Provider that is used by the Participant to meet all or a portion of any debt service reserve requirement securing the Bonds or any other bonds payable from the revenues of the Treatment Works, which bonds are on a parity with the Bonds.

“Credit Provider” means a bank, insurance company, financial institution or other entity providing a Credit Instrument.

“Department” shall mean the Indiana Department of Environmental Management created under I.C. 13-13-1-1 or its successor.

“Deposit Agreement” shall mean an agreement between the Participant and the Deposit Agreement Counterparty in such form as from time to time determined by the Finance Authority pursuant to which (a) the Participant’s Bond Fund (including any reserve account established and created by the Participant pursuant to the Authorizing Instrument related thereto) shall be held by such Deposit Agreement Counterparty and available for payment of the Bonds and any other similar obligations of the Participant that are payable from the Bond Fund regardless whether they are on a parity basis, (b) such Deposit Agreement Counterparty serves as the paying agent for the Bonds and any other such similar obligations of the Participant that are payable from the Bond Fund, and (c) the Participant’s Construction Fund may be held by such Deposit Agreement Counterparty upon any Loan disbursement by the Finance Authority to it from time to time.

“Deposit Agreement Counterparty” shall mean the financial institution that enters into a Deposit Agreement with the Participant, which financial institution shall be approved by the Finance Authority and may be replaced by the Finance Authority from time to time.

“Director of Environmental Programs” shall mean the person designated by the Finance Authority as authorized to act as the Director of Environmental Programs (which designation includes such Director’s assumption of the duties previously assigned to the Wastewater SRF Program Representative and the Wastewater SRF Program Director) and where not limited, such person’s designee.

“Disbursement Agent” shall mean the party disbursing the Loan to or for the benefit of the Participant, which shall be the Trustee unless amounts are held in the Construction Fund, in which case the Disbursement Agent shall thereafter be the Deposit Agreement Counterparty as the party disbursing amounts that are held in the Construction Fund unless otherwise agreed by the Finance Authority.

“Disbursement Request” shall mean a request for a disbursement of the Loan made by an Authorized Representative in such form as the Finance Authority may from time to time prescribe.

“Eligible Cost” shall mean and include, whether incurred before or after the date of this Agreement, all costs which have been incurred and qualify for Financial Assistance, including engineering, financing and legal costs related thereto.

“Finance Authority” shall mean the Indiana Finance Authority, a body politic and corporate, not a state agency but an independent instrumentality of the State.

“Finance Authority Bonds” shall mean any Finance Authority State Revolving Fund Program Bonds or other similar obligations of the Finance Authority issued as a part of the Wastewater SRF Program within the meaning of the Wastewater SRF Indenture.

“Financial Assistance” shall mean the financial assistance authorized by the Clean Water Act, including the Loan.

“Fiscal Sustainability Plan” means in connection with a project that provides for the repair, replacement, or expansion of an existing Treatment Works, a plan that is consistent with SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act and includes (a) an inventory of critical assets that are a part of the Treatment Works, (b) an evaluation of the condition and performance of inventoried assets or asset groupings; (b) a certification that the Participant has evaluated and will be implementing water and energy conservation efforts as part of the plan; and (d) a plan for maintaining, repairing, and, as necessary, replacing the Treatment Works and a plan for funding such activities.

“Loan” shall mean the purchase of the Bonds by the Finance Authority to finance the planning, designing, constructing, renovating, improving and expanding of the Participant’s Treatment Works or refinance an existing debt obligation where such debt was incurred and

building of such systems began after March 7, 1985, but does not mean the provision of other Financial Assistance.

“Loan Reduction Payment” shall mean in any circumstances where there is a balance (inclusive of Loan proceeds and any earnings) in the Construction Fund, any action causing such balance to be applied to a reduction in the maximum aggregate amount of the Loan outstanding other than pursuant to regularly scheduled principal payments or optional redemptions applicable to the Bonds. A Loan Reduction Payment shall not be applicable unless Loan amounts are held in the Construction Fund.

“Net Revenues” shall have the meaning ascribed to such term in the Bond Resolution.

“Non-Use Close-out Date” shall mean that date which is the earlier of (a) the first date as of which the full amount of the Loan has been disbursed on a cumulative basis (which shall also be deemed to have occurred when and if such amounts have been deposited in the Participant’s Construction Fund) or (b) the date as of which the Participant binds itself that no further Loan disbursements will be made under this Agreement.

“Non-Use Fee” shall mean a fee in an amount determined by the Finance Authority charged to compensate it for costs and expenses within the Wastewater SRF Program. Such amount shall be the greater of (A) the product of the undrawn balance of the Loan on each applicable Non-Use Assessment Date multiplied by one percent (1%) or (B) One Thousand Dollars (\$1,000). Such fee shall apply and be payable under Section 5.09 herein with respect to each Non-Use Assessment Date until the Non-Use Close-out Date shall occur. A Non-Use Fee shall not be applicable if the full amount of the Loan has been disbursed and deposited in the Participant’s Construction Fund by the Non-Use Assessment Date.

“Non-Use Assessment Date” shall mean _____ 1, 2021 and the first day of each sixth (6th) calendar month thereafter unless and until the Non-Use Close-out Date occurs in advance of any such Non-Use Assessment Date.

“Operation and Maintenance” shall mean the activities required to assure the continuing dependable and economic function of the Treatment Works, including maintaining compliance with National Pollutant Discharge Elimination System permits, as follows:

(1) Operation shall mean the control and management of the united processes and equipment which make up the Treatment Works, including financial and personnel management, records, reporting, laboratory control, process control, safety and emergency operation planning and operating activities.

(2) Maintenance shall mean the preservation of the functional integrity and efficiency of equipment and structures by implementing and maintaining systems of preventive and corrective maintenance, including replacements.

“Plans and Specifications” shall mean the detailed written descriptions of the work to be done in undertaking and completing the Project, including the written descriptions of the work

to be performed and the drawings, cross-sections, profiles and the like which show the location, dimensions and details of the work to be performed.

“Preliminary Engineering Report” shall mean the information submitted by the Participant that is necessary for the Finance Authority to determine the technical, economic and environmental adequacy of the proposed Project.

“Project” shall mean the activities or tasks identified and described in Exhibit A to this Agreement, and incorporated herein, as amended or supplemented by the Participant and consented to by the Finance Authority, for which the Participant may expend the Loan.

“Purchase Account” shall mean the account by that name created by the Wastewater SRF Indenture and held as part of the Wastewater SRF Fund.

“SRF Policy Guidelines” shall mean guidance of general applicability (as from time to time published, amended and supplemented by the Finance Authority) pertaining to participants utilizing financial assistance in connection with their projects funded in whole or in part through the Wastewater SRF Program.

“State” shall mean the State of Indiana.

“Substantial Completion of Construction” shall mean the day on which the Finance Authority (or if designated by the Finance Authority, the Department) determines that all but minor components of the Project have been built, all equipment is operational and the Project is capable of functioning as designed.

“System Development Charges” shall mean the proceeds and balances from any non-recurring charges such as tap fees, subsequent connector fees, capacity or contribution fees, and other similar one-time charges applicable to the Treatment Works that are available for deposit under the Authorizing Instrument.

“Treatment Works” shall mean any devices and systems used in the storage, treatment, recycling, and reclamation of municipal sewage or industrial wastes of a liquid nature to implement section 201 of the Clean Water Act, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, outfall sewers, sewage collection systems, pumping, power, and other equipment, and their appurtenances; extensions, improvements, remodeling, additions, and alterations thereof; elements essential to provide a reliable recycled supply such as standby treatment units and clear well facilities; and acquisition of the land that will be an integral part of the treatment process (including land use for the storage of treated wastewater in land treatment systems prior to land application) or will be used for ultimate disposal of residues resulting from such treatment and acquisition of other land, and interests in land, that are necessary for construction.

“Trustee” shall mean The Bank of New York Mellon Trust Company, N.A., Indianapolis, Indiana, in its capacity as trustee or its successor under the Wastewater SRF Indenture.

“2014 Appropriations Act” shall mean the Consolidated Appropriations Act, 2014 (also known as H.R. 3457), and other laws, regulations and guidance supplemental thereto (including the Clean Water Act), as amended and supplemented from time to time.

“Wastewater SRF Fund” shall mean the wastewater revolving loan fund as established by I.C. 5-1.2-10-2.

“Wastewater SRF Indenture” shall mean the Seventh Amended and Restated Wastewater SRF Trust Indenture, dated as of September 1, 2019 between the Finance Authority (as successor by operation of law to the State in all matters related to the Wastewater SRF Program) and the Trustee, as amended and supplemented from time to time.

Section 1.02. Application of Defined Terms in Their Context. The terms set forth in Section 1.01 shall, for all purposes of this Agreement, be applied in the context in which they may be used and where a term and context may be applied as a separate undertaking by both the District and the City, each such undertaking shall be applied as broadly as possible so as to be interpreted as an undertaking of such party.

(End of Article I)

ARTICLE II

PURPOSE OF BORROWING AND LOAN TERMS

Section 2.01. Amount; Purpose. The Finance Authority agrees to Loan an amount not to exceed _____ Dollars (\$_____) in aggregate principal amount to the Participant as Financial Assistance to pay for the Eligible Costs, as hereinafter described, of the Project on, and subject to, the terms and conditions contained herein. The Loan shall be used only to pay the following Eligible Costs: (a) eligible planning services for the production of a Preliminary Engineering Report ("Planning"), (b) eligible design services for the production of Plans and Specifications ("Design") and (c) eligible construction costs, including financing and legal costs ("Construction"). The Loan shall be funded solely from available proceeds of the Finance Authority Bonds contained in the Purchase Account or from other sources that the Finance Authority may, in its sole discretion, designate. The Loan is evidenced by the Bonds executed and delivered by the Participant contemporaneously herewith. The Bonds shall be in fully registered form, with the Finance Authority registered as the registered owner. So long as the Finance Authority is the registered owner, the principal of and redemption premium, if any, and interest on the Bonds shall be paid to the Trustee by a wire transfer referenced as follows: The Bank of New York, ABA 021 000 018, For Credit to 610026840C, Account Name: East Chicago Sanitary District, Attn: Derick Rush. The Participant agrees to undertake and complete the Project and to receive and expend the Loan proceeds in accordance with this Agreement.

Section 2.02. The Bonds.

(a) Until paid, the Bonds will bear interest at the per annum rate of _____ percent (_____%). Such interest shall be calculated on the basis of a 360-day year comprised of twelve 30-day months, and be as provided in I.C. 5-1.2-10-15 and -20. Interest, if any, on the Bonds will be payable on January 15 and July 15 of each year, commencing _____, 20____. The Bonds will be in the aggregate principal amount of _____ Dollars (\$_____). Subject to Section 2.05 and 2.06 herein, the Bonds will mature on January 15 and July 15 of each of the years set forth in, and at the principal amount set opposite each such month and year set forth in the schedule contained in the attached Exhibit B to this Agreement (which is hereby incorporated by reference); provided, however, notwithstanding the foregoing or the terms of the Bonds to the contrary, no maturity of Bonds shall extend beyond the date which is thirty-five (35) years after the date of this Agreement. If the maturity date for any Bonds is beyond such date, unless otherwise agreed to, such Bonds, together with accrued and unpaid interest thereon, will be due and payable on such date.

(b) The Bonds will be subject to redemption by the Participant as provided in the Authorizing Instrument; provided however that in no event shall the Participant exercise any provision contained in the Authorizing Instrument or the Bonds permitting a redemption of the Bonds at the option of the Participant unless and until such has been consented to by the Authority. The Loan, and the Bonds evidencing it, will be subject to payment by the Participant as provided in this Agreement.

(c) The form and other terms of the Bonds will be in conformity with the Authorizing Instrument.

(d) The additional terms contained in the attached Exhibit D are applicable to this Loan (as and to the extent set forth in Exhibit D) to the same effect as if such were set forth in this section.

Section 2.03. Disbursement Conditions. Each of the following shall be a condition precedent to the disbursement of the Loan or any portion thereof (including from the Construction Fund):

(a) (1) With respect to procurement of professional services related to the Project to be paid from Loan proceeds, the Participant shall have complied with applicable State law and SRF Policy Guidelines. Additionally costs related Planning and Design shall only be Eligible Costs upon compliance with paragraph A of the attached Exhibit D. (2) With respect to procurement of all other goods and services related to the Project to be paid from Loan proceeds, the Participant shall have complied with I.C. 36-1-12 and SRF Policy Guidelines.

(b) No representation, warranty or covenant of the Participant contained in this Agreement or in any paper executed and delivered in connection with the transactions contemplated by this Agreement shall be false or inaccurate in any material respect.

(c) The Participant shall undertake and faithfully perform each of its obligations, agreements and covenants contained in this Agreement, the Authorizing Instrument and the Bonds.

(d) There shall be available to the Finance Authority uncommitted funds in an amount sufficient to satisfy the Finance Authority's obligations hereunder from the proceeds of Finance Authority Bonds in the Purchase Account or from other sources that the Finance Authority may, in its sole discretion, designate; provided however, once Loan proceeds have been deposited in the Construction Fund, such condition shall be deemed satisfied.

(e) The Participant shall have undertaken all actions necessary to comply with and satisfy the conditions and requirements for a Loan secured with money made available from the Wastewater SRF Fund as set forth in federal and State statutes, rules and regulations, including I.C. 5-1.2-10, SRF Policy Guidelines, the Clean Water Act and 40 C.F.R. Part 35.

(f) Prior to making any Loan disbursement to pay any Construction costs, the Project shall have been approved by the State's Historical Preservation Officer in a manner consistent with the policies and practices of the Wastewater SRF Program (the "Historical Preservation Approval"). Notwithstanding any provision of this Agreement to the contrary, in the event a Historical Preservation Approval has not been given within

four (4) months after the date of this Agreement, the Finance Authority may, in its sole discretion, (i) reduce the aggregate amount of the Loan to the amount then disbursed and outstanding under this Agreement and (ii) if any amounts are held in the Construction Fund, require a Loan Reduction Payment pursuant to Section 2.06 herein as if it were a date that was three (3) years after the dated date of the Bonds. Upon giving notice to the Participant of such action, no further Loan disbursement (including from the Construction Fund) may be made under this Agreement unless consented to by the Finance Authority.

(g) In the event the Bonds are payable from rates and charges of the Treatment Works and if requested by the Finance Authority, the Participant shall provide evidence satisfactory to the Finance Authority demonstrating that such rates and charges are at a level adequate to produce and maintain sufficient net revenue after providing for the proper Operation and Maintenance of the Treatment Works, on a proforma basis consistent with SRF Policy Guidelines, to provide 1.25x coverage on all obligations of the Treatment Works (including the Bonds).

Section 2.04. Disbursement Procedures. Loan proceeds (including any held from time to time in the Construction Fund) shall be disbursed to the Participant by the Disbursement Agent for actual Eligible Costs incurred with respect to the Project. The Finance Authority may, in its discretion, cause Loan disbursements to be made (a) directly to the person or entity identified in the Disbursement Request to whom payment is due, or (b) if advised in writing by the Participant that I.C. 36-1-12-14 or a similar law applies to the Project, to the Participant for purposes of collecting retainage, or some combination thereof. Any Loan proceeds in excess of the amount subject to retainage controlled by the Participant will be immediately remitted to the person or entity to whom payment is due, no later than three (3) Business Days after receipt or the date such Loan proceeds are no longer subject to retainage. The Finance Authority may, in its discretion, cause Loan disbursements to be made from time to time, in whole or in part, to the Participant's Construction Fund for disbursement consistent with this Agreement. Loan disbursements shall not be made more frequently than monthly and shall only be made following the submission of a Disbursement Request to the Finance Authority. Disbursement Requests shall be approved by the Director of Environmental Programs prior to submission to the Disbursement Agent for a Loan disbursement. Disbursement Requests shall be numbered sequentially, beginning with the number 1.

Section 2.05. Effect of Disbursements. Loan disbursements made to or for the benefit of the Participant shall be deemed to be a purchase of the Bonds in such amounts and with such maturities as achieves as level debt service as practicable, and with no maturity longer than the original maturity schedule; provided that any principal payments originally scheduled under Section 2.02 herein as being due prior to one year after Substantial Completion of Construction shall first be deemed to be a purchase of the Bonds in order of maturity. The deposit of Loan proceeds in the Construction Fund shall be deemed to be a purchase of the Bonds. Interest on the Loan commences on disbursement of the Loan to or for the benefit of the Participant (including any amounts disbursed to the Construction Fund) by the Finance Authority and the Bonds shall be deemed to be purchased in the full amount thereof. Each disbursement (including any amounts disbursed from the Construction Fund) shall be made pursuant to a Disbursement Request. In the event any Loan disbursement (including any amounts disbursed from the

Construction Fund) shall be made in excess of Eligible Costs, such excess disbursements shall be immediately paid by the Participant to the Disbursement Agent (and if made from any amounts held in the Construction Fund, shall be immediately deposited by the Participant into such Construction Fund) and thereafter may, subject to the terms and conditions set forth in this Agreement, be applied thereafter to pay Eligible Costs of the Project by the Participant.

Section 2.06. Acknowledgment of Amount of Loan; Final Disbursement. (a) Within 30 days after any request by the Finance Authority from time to time, the Participant shall execute and deliver to the Finance Authority an acknowledgment in the form prescribed by the Finance Authority which acknowledges the outstanding principal of and interest on the Bonds. Unless the Finance Authority consents in writing, no Loan disbursement shall be made more than one year after Substantial Completion of Construction. After Substantial Completion of Construction, upon the request of the Finance Authority, the Participant shall replace, at its expense, the Bonds with substitutes issued pursuant to the Authorizing Instrument to evidence the outstanding principal under the Loan.

(b) In the event there remains a balance (inclusive of Loan proceeds and any earnings) in the Construction Fund on the date that is the earlier of (i) one year after Substantial Completion of Construction or (ii) three (3) years after the dated date of the Bonds (or in either such circumstance, such later date as the Finance Authority may approve in its discretion), the Participant agrees to make a Loan Reduction Payment, to the Finance Authority within 10 days after any Finance Authority written demand. Any Loan Reduction Payment shall be applied to pay principal in such amounts and with such maturities as achieves as level debt service as practicable consistent with methodology prescribed in the Authorizing Instrument and as originally applied to the Bonds, and with no maturity longer than the original maturity schedule; provided that any principal payments originally scheduled under Section 2.02 herein as being due prior to the Loan Reduction Payment shall be unaffected by such payment. If the Authorizing Instrument permits the Participant to apply Bond proceeds to pay interest accruing on or before Substantial Completion of Construction, the Participant may seek to reimburse itself for such interest costs it has paid pursuant to a Disbursement Request provided. If the Participant fails to make such Loan Reduction Payment by such date, the Finance Authority and Deposit Agreement Counterparty are authorized to cause any balance held in the Construction Fund to be so applied without further direction and authorization from the Participant. Notwithstanding the foregoing, if requested by the Finance Authority, in lieu of the Participant making a Loan Reduction Payment, the Finance Authority may in its discretion require the Participant to hold any remaining balance (inclusive of Loan proceeds and any earnings) in the Construction Fund until such amounts may be applied on the first optional redemption date applicable to the Bonds, and upon any such request, the Participant agrees to cause such amounts to be so held and applied on such date.

(End of Article II)

ARTICLE III

REPRESENTATIONS, WARRANTIES AND COVENANTS OF THE PARTICIPANT

Section 3.01. Planning, Design and Construction Covenants. The Participant hereby covenants and agrees with the Finance Authority that the Participant will:

(a) Provide information as requested by the Finance Authority to determine the need for, or to complete any necessary, environmental review or analysis.

(b) Comply with the procurement procedures and affirmative action requirements contained in SRF Policy Guidelines in the Planning, Design and Construction of the Project to the extent that such are to be paid from Loan proceeds.

(c) With respect to prime and first tier contract awards, report minority and women business enterprise utilization in the Planning, Design and Construction of the Project, to the extent that such are to be paid from Loan proceeds, by executing and delivering Agency Form SF 5700-52 to the Finance Authority whenever any agreements or subagreements are awarded. (These reports must be submitted on regular reporting cycles consistent with SRF Policy Guidelines commencing after such agreement or subagreement is awarded.)

(d) Comply with all applicable federal, State and local statutes, rules and regulations relating to the acquisition and construction of the Treatment Works.

(e) In the event Construction is to be paid from Loan proceeds, prior to an award of any contract for Construction of the Project, obtain a construction permit from the Department and receive the written approval of the Finance Authority of the Preliminary Engineering Report.

(f) Obtain the property rights necessary to construct the Treatment Works and, in procuring any such rights comply with federal and State law.

(g) In the event Construction is to be paid from Loan proceeds, comply with the federal Davis-Bacon Act, codified at 40 U.S.C. 276a-276a-5 unless separately waived by the Finance Authority.

(h) In the event Construction is to be paid from Loan proceeds, execute and deliver to the Finance Authority Agency Form 4700-4 ("Pre-award Compliance Review Report for Wastewater Treatment Construction Grants") and such other forms as may be required by the Clean Water Act or SRF Policy Guidelines.

(i) In the event Construction is to be paid from Loan proceeds, follow guidance issued by the Finance Authority in procuring contracts for Construction, including (1) submission to the Finance Authority of Project change orders, (2) obtaining approval

from the Director of Environmental Programs of any Project change order which significantly changes the scope or Design of the Project or, when taking into account other change orders and contracts, are reasonably expected to result in expenditures in an amount greater than the Loan, (3) receiving approval from the Director of Environmental Programs prior to the award of any contract for Construction and (4) receiving authorization from the Director of Environmental Programs prior to initiating procurement of Construction of the Project.

(j) In the event Construction is to be paid from Loan proceeds, before awarding Construction contracts, receive approval of the Director of Environmental Programs for the user charge system (including any use ordinance and interlocal agreement) associated with the Project.

(k) In the event Construction is to be paid from Loan proceeds, cause the Project to be constructed in accordance with the Preliminary Engineering Report and Plans and Specifications, using approved contract papers.

(l) Permit the Finance Authority and its agents to inspect from time to time (1) the Project, (2) the Treatment Works and (3) the books and other financial records of the Treatment Works, including the inspections described in SRF Policy Guidelines. Construction contracts shall provide that the Finance Authority or its agents will have access to the Project and the work related thereto and that the Participant's contractor will provide proper facilities for such access and inspection. All files and records pertaining to the Project shall be retained by the Participant for at least six years after Substantial Completion of Construction.

(m) Upon Substantial Completion of Construction and when requested by the Finance Authority, provide audited reports to the Finance Authority to permit the Finance Authority to determine that the Loan proceeds have been used in compliance with this Agreement.

(n) In the event Construction is to be paid from Loan proceeds, within one year of Substantial Completion of Construction, consistent with SRF Policy Guidelines, certify to the Finance Authority that the Project meets performance standards, or if not met, (1) submit to the Finance Authority (or if directed by the Finance Authority, to the Department) a corrective action plan and (2) promptly and diligently undertake any corrective action necessary to bring the Project into compliance with such standards.

(o) In the event Construction is to be paid from Loan proceeds, within one year of Substantial Completion of Construction, provide as-built plans for the Project to the Finance Authority (or if directed by the Finance Authority, to the Department).

Section 3.02. General Covenants. The Participant hereby covenants and agrees with the Finance Authority that the Participant will:

(a) Comply with all applicable federal, State and local statutes, rules and

regulations relating to Operation and Maintenance.

(b) (1) Own, operate and maintain the Project and the Treatment Works for their useful life, or cause them to be operated and maintained for their useful life; (2) at all times maintain the Treatment Works in good condition and operate it in an efficient manner and at a reasonable cost; and (3) not sell, transfer, lease or otherwise encumber the Treatment Works or any portion thereof or any interest therein without the prior written consent of the Finance Authority

(c) Obtain and maintain the property rights necessary to operate and maintain the Treatment Works, and in procuring any such rights, comply with federal and State law.

(d) Acquire and maintain insurance coverage acceptable to the Finance Authority, including fidelity bonds, to protect the Treatment Works and its operations. All insurance shall be placed with responsible insurance companies qualified to do business under State law. Insurance proceeds and condemnation awards shall be used to replace or repair the Treatment Works unless the Finance Authority consents to a different use of such proceeds or awards.

(e) Establish and maintain the books and other financial records of the Project (including the establishment of a separate account or subaccount for the Project) in accordance with (1) generally accepted governmental accounting principles, as promulgated by the Government Accounting Standards Board (including GASB No. 34 standards relating to the reporting of infrastructure) and (2) the rules, regulations and guidance of the State Board of Accounts.

(f) Provide to the Finance Authority such periodic financial and environmental reports as it may request from time to time, including (1) annual operating and capital budgets and (2) such other information requested or required of the Finance Authority or the Participant by the Agency.

(g) Provide to the Finance Authority audited financial statements of the Participant inclusive of the activities of the Treatment Works, commencing with financial statements for a calendar year period that ends not more than two (2) years after the date of this Agreement (and for each calendar year period that ends every two (2) years thereafter until the Loan has been repaid), which audit (i) shall have been performed by the Indiana State Board of Accounts or by an independent public accountant and (ii) shall be submitted to the Finance Authority no later than nine (9) months following the end of the calendar year period to which such audit pertains.

(h) Develop, certify, implement and maintain an Asset Management Program (including a Fiscal Sustainability Plan) of the Participant that meets SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act. The Participant acknowledges that its agreement to develop, certify, implement and maintain an Asset Management Program (including a Fiscal Sustainability Plan) as provided in this subsection was a condition of the Loan. Unless the Participant's Asset Management

Program (including a Fiscal Sustainability Plan) was certified prior to the date of this Agreement, the Participant agrees to submit a certification (on and in a form as provided by the Finance Authority) related to the Participant's Asset Management Program (including a Fiscal Sustainability Plan) prior to submitting its request for a final Loan disbursement related to the Project. Over the term of the Loan, the Participant further agrees to continue to update, implement and maintain the Participant's Asset Management Program (including a Fiscal Sustainability Plan) to assure it has the financial, managerial, technical, and legal capability to operate and maintain its Treatment Works consistent with SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act.

(i) Provide notice to the Finance Authority under the circumstances contemplated, and undertake inspections as required, by SRF Policy Guidelines.

(j) (1) Establish and maintain just and equitable rates and charges for the use of and the service rendered by the Treatment Works, to be paid by the owner of each and every lot, parcel of real estate or building that is connected with and uses the Treatment Works, or that in any way uses or is served by the Treatment Works, (2) establish, adjust and maintain rates and charges at a level adequate to produce and maintain sufficient revenue (when determined including user and other charges, fees, income or revenues available to the Participant, provided that to the extent permitted by law System Development Charges shall be excluded when determining if such are sufficient) to provide for the proper Operation and Maintenance of the Treatment Works, to comply with and satisfy all covenants contained herein and to pay all obligations of the Treatment Works and of the Participant with respect thereto, and (3) if and to the extent Bonds are payable from property taxes, levy each year a special ad valorem tax upon all property located in the boundaries of the Participant, to pay all obligations of the Participant with respect thereto.

(k) If the Bonds are payable from the revenues of the Treatment Works, not borrow any money, enter into any contract or agreement or incur any other liabilities in connection with the Treatment Works without the prior written consent of the Finance Authority if such undertaking would involve, commit or use the revenues of the Treatment Works; provided that the Participant may authorize and issue additional obligations, payable out of the revenues of its Treatment Works, ranking on a parity with the Bonds for the purpose of financing the cost of future additions, extensions and improvements to the Treatment Works, or to refund obligations of the Treatment Works, subject to the conditions, if any, in the Authorizing Instrument.

(l) Comply with the Civil Rights Act of 1964, as amended, 42 U.S.C. Section 2000d et seq., the Age Discrimination Act, as amended, Public Law 94-135, Section 504 of the Rehabilitation Act of 1973, as amended (including Executive Orders 11914 and 11250), 29 U.S.C. Section 794, Section 13 of the Federal Water Pollution Control Act Amendments of 1972, Public Law 92-500, Executive Order 11246 regarding equal employment opportunity, and Executive Orders 11625 and 12138.

(m) Undertake all actions necessary to investigate all potential, material claims which the Participant may have against other persons with respect to the Treatment Works and the Project and take whatever action is necessary or appropriate to (1) recover on any actionable, material claims related to the Project or the Planning, Design or Construction thereof, (2) meet applicable Project performance standards and (3) otherwise operate the Treatment Works in accordance with applicable federal, State and local law.

(n) Not modify, alter, amend, add to or rescind any provision of the Authorizing Instrument without the prior written consent of the Finance Authority.

(o) In the event the Participant adopts an ordinance or resolution to refund the Bonds, within 5 days of the adoption of the ordinance or resolution, provide written notice to the Finance Authority of the refunding. Any refunding of the Bonds shall only be undertaken by the Participant with the prior written consent of the Finance Authority.

(p) In any year in which total expenditures of Federal financial assistance received from all sources exceeds \$750,000 the Participant shall comply with the Federal Single Audit Act (SAA) of 1984, as amended by the Federal Single Audit Act Amendments of 1996 (see 2 CFR 200 Subpart F) and have an audit of their use of Federal financial assistance. The Participant agrees to provide the Finance Authority with a copy of the SAA audit within 9 months of the audit period.

(q) Inform the Finance Authority of any findings and recommendations pertaining to the SRF program contained in an audit of 2 CFR 200 Subpart F (a/k/a "Super Circular") matters in which SRF Federal financial assistance was less than \$750,000.

(r) Initiate within 6 months of the audit period corrective actions for those audit reports with findings and recommendations that impact the SRF financial assistance.

(s) Notwithstanding anything in the Authorizing Instrument related to the Bonds (or in any authorizing instrument related to any other outstanding bonds payable from the revenues of the Treatment Works which are on a parity with the Bonds) to the contrary, in the event any Credit Provider that has provided a Credit Instrument fails to be rated on a long term basis at least "A-/A3" by Standard & Poor's Ratings Services, a Division of the McGraw-Hill Companies, and Moody's Investors Service, Inc., and their successors (such Credit Instrument, a "Disqualified Instrument"), within 12 months of such failure (or pursuant to such other schedule as may be approved by the Finance Authority), the Participant shall cause cash (or a replacement Credit Instrument from a Credit Provider that is rated on a long term basis at least "AA-/Aa3" by Standard & Poor's Ratings Services, a Division of the McGraw-Hill Companies, and Moody's Investors Service, Inc., and their successors)(or some combination thereof) in an aggregate amount equal to the stated credit available under the Disqualified Instrument(s) to be deposited in the related reserve account(s) in lieu of such Disqualified Instrument(s). No Disqualified Instrument shall be included as part of the reserve balance which satisfies any such

reserve requirement under any such authorizing instrument. Nothing in this subsection shall waive or modify additional requirements contained in any such authorizing instrument (including the Authorizing Instrument related to the Bonds); the provisions of this subsection and any such authorizing instrument (including the Authorizing Instrument related to the Bonds) shall both be required to be met. Unless and until notice shall be given by the Finance Authority to the Participant, a surety policy issued by MBIA Insurance Corporation or Financial Guaranty Insurance Company that has been reinsured by National Public Finance Guarantee Corporation (formerly known as MBIA Insurance Corp. of Illinois) shall not be treated as a Disqualified Instrument.

(t) (i) comply with Title 40 CFR Part 34 (New Restrictions on Lobbying) and the Byrd Anti-Lobbying Amendment ("Lobbying Restrictions"); (ii) provide certifications and disclosures related to Lobbying Restrictions in a form and manner as may from time to time be required by SRF Policy Guidelines or the Clean Water Act including without limitation the Lobbying Restrictions; and (iii) pay any applicable civil penalty required by the Lobbying Restrictions as may be applicable to making a prohibited expenditure under Title 40 CFR Part 34, or failure to file any required certification or lobbying disclosures. The Participant understands and acknowledges that pursuant to such Lobbying Restrictions, the making of any such prohibited expenditure, or any such failure to file or disclose, is subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure.

(u) Comply with all federal requirements applicable to the Loan (including those imposed by the 2014 Appropriations Act and related SRF Policy Guidelines) which the Participant understands includes, among other, requirements that all of the iron and steel products used in the Project are to be produced in the United States ("American Iron and Steel Requirement") unless (i) the Participant has requested and obtained a waiver from the Agency pertaining to the Project or (ii) the Finance Authority has otherwise advised the Participant in writing that the American Iron and Steel Requirement is not applicable to the Project.

(v) Comply with all record keeping and reporting requirements under the Clean Water Act, including any reports required by a Federal agency or the Finance Authority such as performance indicators of program deliverables, information on costs and project progress. The Participant understands that (i) each contract and subcontract related to the Project is subject to audit by appropriate federal and state entities and (ii) failure to comply with the Clean Water Act and this Agreement may be a default hereunder that results in a repayment of the Loan in advance of the maturity of the Bonds and/or other remedial actions.

(w) Whenever from time to time requested by the Finance Authority, submit evidence satisfactory to the Finance Authority demonstrating that the Participant's rates and charges are at a level adequate to produce and maintain sufficient net revenue after providing for the proper Operation and Maintenance of the Treatment Works, on a proforma basis consistent with SRF Policy Guidelines, to provide 1.25x coverage on all obligations of the Treatment Works (including the Bonds) and, in the event the

Participant's rates and charges are insufficient to demonstrate such coverage, then to the extent permitted by law annually enact an increase in its rates and charges reasonably designed to be consistent with SRF Policy Guidelines regarding such coverage.

(x) Notwithstanding any provision of the Authorization Instrument to the contrary, not make any payment in lieu of property taxes from any account of the Treatment Works (i) if the Finance Authority provides notice to the Participant that the Finance Authority has determined in its reasonable discretion that such a transfer adversely affects the Finance Authority and (ii) more frequently than semiannually if the Authority provides notice to the Participant so requiring such a limitation on frequency.

(y) Comply with all requirements of this Agreement applicable to the Loan (including those imposed by the attached Exhibit D).

Section 3.03. Representations and Warranties of the Participant. After due investigation and inquiry, the Participant hereby represents and warrants to the Finance Authority that:

(a) The Participant is duly organized and existing under state law, and constitutes a "political subdivision" within the meaning of I.C. 5-1.2-2-57) and a "participant" within the meaning of I.C. 5-1.2-2-54. The Project and the Treatment Works are subject to I.C. 36-9-25.

(b) The Participant has full power and authority to adopt the Authorizing Instrument, enter into this Agreement and issue the Bonds and perform its obligations hereunder and thereunder.

(c) By all required action, the Participant has duly adopted the Authorizing Instrument and authorized the execution and delivery of this Agreement, the Bonds and all other papers delivered in connection herewith.

(d) Neither the execution of, nor the consummation of the transaction contemplated by, this Agreement nor the compliance with the terms and conditions of any other paper referred to herein, shall conflict with, result in a breach of or constitute a default under, any indenture, mortgage, lease, agreement or instrument to which the Participant is a party or by which the Participant or its property, including the Treatment Works, is bound or any law, regulation, order, writ, injunction or decree of any court or governmental agency or instrumentality having jurisdiction.

(e) There is no litigation pending or, to the knowledge of the Participant, upon investigation, threatened that (1) challenges or questions the validity or binding effect of this Agreement, the Authorizing Instrument or the Bonds or the authority or ability of the Participant to execute and deliver this Agreement or the Bonds and perform its obligations hereunder or thereunder or (2) would, if adversely determined, have a significant adverse effect on the ability of the Participant to meet its obligations under this Agreement, the Authorizing Instrument or the Bonds.

(f) The Participant has not at any time failed to pay when due interest or principal on, and it is not now in default under, any warrant or other evidence of obligation or indebtedness of the Participant.

(g) All information furnished by the Participant to the Finance Authority or any of the persons representing the Finance Authority in connection with the Loan or the Project is accurate and complete in all material respects including compliance with the obligations, requirements and undertakings imposed upon the Participant pursuant to this Agreement.

(h) The Participant has taken or will take all proceedings required by law to enable it to issue and sell the Bonds as contemplated by this Agreement.

(i) For any outstanding bonds payable from the revenues of the Treatment Works which are on a parity with the Bonds, each Credit Provider, if any, that has provided a Credit Instrument is at least rated on a long term basis "A-/A3" long term by Standard & Poor's Ratings Services, a Division of the McGraw-Hill Companies and Moody's Investors Service, Inc., and their successors, except as represented and set forth in Exhibit C attached thereto (and with respect to which true, accurate and complete copies of each such Credit Instrument have been delivered to the Finance Authority).

Each of the foregoing representations and warranties will be deemed to have been made by the Participant as of the date of this Agreement and as of the date of any disbursement of Loan proceeds (including from the Construction Fund). Each of the foregoing representations and warranties shall survive the Loan disbursements regardless of any investigation or investigations the Finance Authority may have undertaken.

Section 3.04. Covenants Regarding Assignment. The Participant acknowledges that the Finance Authority may pledge, sell or assign the Bonds or cause the Bonds to be pledged, sold or assigned, and certain of its rights related thereto, as permitted pursuant to Section 5.02 herein. The Participant covenants and agrees to cooperate with and assist in, at its expense, any such assignment. Within 30 days following a request by the Finance Authority, the Participant covenants and agrees with the Finance Authority that the Participant will, at its expense, furnish any information, financial or otherwise, with respect to the Participant, this Agreement, the Authorizing Instrument and the Bonds and the Treatment Works as the Finance Authority reasonably requests in writing to facilitate the sale or assignment of the Bonds.

Section 3.05. Nature of Information. All information furnished by the Participant to the Finance Authority or any person representing the Finance Authority in connection with the Loan or the Project may be furnished to any other person the Finance Authority, in its judgment, deems necessary or desirable in its operation and administration of the Wastewater SRF Program.

Section 3.06. Tax Covenants. The Participant hereby covenants that it will not take, or cause or permit to be taken by it or by any party under its control, or fail to take or cause to

permit to be taken by it or by any party under its control, any action that would result in the loss of the exclusion from gross income for federal income tax purposes of interest on the Bonds pursuant to Section 103 of the Code. The Participant further covenants that it will not do any act or thing that would cause the Bonds to be "private activity bonds" within the meaning of Section 141 of the Code or "arbitrage bonds" within the meaning of Section 148 of the Code. In furtherance and not in limitation of the foregoing, the Participant shall take all action necessary and appropriate to comply with the arbitrage rebate requirements under Section 148 of the Code to the extent applicable to the Participant or the Bonds, including accounting for and making provision for the payment of any and all amounts that may be required to be paid to the United States of America from time to time pursuant to Section 148 of the Code.

Section 3.07. Non-Discrimination Covenant. Pursuant to and with the force and effect set forth in I.C. 22-9-1-10, the Participant hereby covenants that the Participant, and its contractor and subcontractor for the Project, shall not discriminate against any employee or applicant for employment, to be employed in the performance of this Agreement, with respect to the hire, tenure, terms, conditions or privileges of employment, or any matter directly or indirectly related to employment, because of race, color, religion, sex, disability, national origin or ancestry.

(End of Article III)

ARTICLE IV - DEFAULTS

Section 4.01. Remedies. The Finance Authority's obligation to make a disbursement under the Loan to the Participant hereunder may be terminated at the option of the Finance Authority, without giving any prior notice to the Participant, in the event: (a) the Participant fails to undertake or perform in a timely manner any of its agreements, covenants, terms or conditions set forth herein or in any paper entered into or delivered in connection herewith (including the Authorizing Instrument); or (b) any representation or warranty made by the Participant as set forth herein or in any paper entered into or delivered in connection herewith is materially false or misleading. Any such event shall constitute an event of default and in addition to any other remedies at law or in equity, the Finance Authority may (x) require a Loan Reduction Payment pursuant to Section 2.06 herein as if it were a date that was three (3) years after the dated date of the Bonds, (y) in the event a Deposit Agreement has not previously been entered into related to the Participant's Bond Fund (including any related reserve), require the Participant to enter into a Deposit Agreement (or to modify any such previously entered Deposit Agreement) and the Participant shall enter into (or modify) such an agreement within 5 days after any such demand and (z) without giving any prior notice, declare the entire outstanding principal amount of the Loan, together with accrued interest thereon, immediately due and payable.

Section 4.02. Effect of Default. Failure on the part of the Finance Authority in any instance or under any circumstance to observe or perform fully any obligation assumed by or imposed upon the Finance Authority by this Agreement or by law shall not make the Finance Authority liable in damages to the Participant or relieve the Participant from paying any Bond or fully performing any other obligation required of it under this Agreement or the Authorizing Instrument; provided, however, that the Participant may have and pursue any and all other remedies provided by law for compelling performance by the Finance Authority of such obligation assumed by or imposed upon the Finance Authority. The obligations of the Finance Authority hereunder do not create a debt or a liability of the Finance Authority or the State under the constitution of the State or a pledge of the faith or credit of the Finance Authority or the State and do not directly, indirectly or contingently, obligate the Finance Authority or the State to levy any form of taxation for the payment thereof or to make any appropriation for their payment. Neither the Finance Authority or the State, nor any agent, attorney, member or employee of the Finance Authority or the State shall in any event be liable for damages, if any, for the nonperformance of any obligation or agreement of any kind whatsoever set forth in this Agreement.

Section 4.03. Defaults under other Prior Agreement. The Participant and the Finance Authority agree that any event of default occurring under any of the Prior Agreement shall constitute an event of default under this Agreement. Similarly, the Participant and the Finance Authority agree that any event of default under this Agreement, or under any subsequent financial assistance agreement entered into between the Participant and the Finance Authority, shall constitute an event of default under the Prior Agreement and the subsequent financial assistance agreement, if any, as the case may be.

(End of Article IV)

ARTICLE V

MISCELLANEOUS

Section 5.01. Citations. Any reference to a part, provision, section or other reference description of a federal or State statute, rule or regulation contained herein shall include any amendments, replacements or supplements to such statutes, rules or regulation as may be made effective from time to time. Any reference to a Loan disbursement shall include any disbursement from the Construction Fund. Any use of the term “including” herein shall not be a limitation as to any provision herein contained but shall mean and include, without limitation, the specific matters so referenced.

Section 5.02. Assignment. Neither this Agreement, nor the Loan or the proceeds thereof may be assigned by the Participant without the prior written consent of the Finance Authority and any attempt at such an assignment without such consent shall be void. The Finance Authority may at its option sell or assign all or a portion of its rights and obligations under this Agreement, the Authorizing Instrument, and the Bonds to an agency of the State or to a separate body corporate and politic of the State or to a trustee under trust instrument to which the Finance Authority, the State or any assignee is a beneficiary or party. The Finance Authority may at its option pledge or assign all or a portion of its rights under this Agreement, the Authorizing Instrument, and the Bonds to any person. The Participant hereby consents to any such pledge or assignment by the Finance Authority. This Agreement shall be binding upon and inure to the benefit of any permitted secured party, successor and assign.

Section 5.03. No Waiver. Neither the failure of the Finance Authority nor the delay of the Finance Authority to exercise any right, power or privilege under this Agreement shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or privilege preclude any other further exercise of any other right, power or privilege.

Section 5.04. Modifications. No change or modification of this Agreement shall be valid unless the same is in writing and signed by the parties hereto.

Section 5.05. Entire Agreement. This Agreement contains the entire agreement between the parties hereto and there are no promises, agreements, conditions, undertakings, warranties and representations, either written or oral, expressed or implied between the parties hereto other than as herein set forth or as may be made in the Authorizing Instrument and the other papers delivered in connection herewith. In the event there is a conflict between the terms of this Agreement and the Authorizing Instrument, the terms of this Agreement shall control. It is expressly understood and agreed that except as otherwise provided herein this Agreement represents an integration of any and all prior and contemporaneous promises, agreements, conditions, undertakings, warranties and representations between the parties hereto. This Agreement shall not be deemed to be a merger or integration of the existing terms under the Prior Agreement except as expressly set forth in Section 4.03 herein.

Section 5.06. Execution of Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be executed by the Finance Authority and the

Participant, and all of which shall be regarded for all purposes as one original and shall constitute one and the same instrument.

Section 5.07. Severability of Invalid Provisions. If any one or more of the covenants or agreements provided in this Agreement on the part of the Finance Authority or the Participant to be performed shall be deemed by a court of competent jurisdiction to be contrary to law or cause the Bonds to be invalid as determined by a court of competent jurisdiction, then such covenant or covenants or agreement or agreements shall be deemed severable from the remaining covenants and agreements and waived and shall in no way affect the validity of the other provisions of this Agreement.

Section 5.08. Notices. All notices hereunder shall be sufficiently given for all purposes hereunder if in writing and delivered personally or sent or transmitted to the appropriate destination as set forth below in the manner provided for herein. Notice to the Finance Authority shall be addressed to:

Indiana Finance Authority
SRF Programs

100 North Senate, Room 1275
Indianapolis, Indiana 46204
Attention: Director of Environmental Programs

or at such other address(es) or number(s) and to the attention of such other person(s) as the Finance Authority may designate by notice to the Participant. Notices to the Participant shall be addressed to:

East Chicago Sanitary District
5201 Indianapolis Blvd
East Chicago, IN 46312
Attention: Secretary

or at such other address(es) or number(s) and to the attention of such other person(s) as the Participant may designate by notice to the Finance Authority. Any notice hereunder shall be deemed to have been served or given as of (a) the date such notice is personally delivered, (b) three (3) Business Days after it is mailed U.S. mail, First Class postage prepaid, (c) one (1) Business Day after it is sent on such terms by Federal Express or similar next-day courier, or (d) the same day as it is sent by facsimile transmission with telephonic confirmation of receipt by the person to whom it is sent.

Section 5.09. Expenses. The Participant covenants and agrees to pay (a) the fees, costs and expenses in connection with making the Loan, including issuing the Bonds and providing the necessary certificates, documents and opinions required to be delivered therewith; (b) the fees, costs and expenses in connection with making and administering the Loan; (c) the costs and expenses of complying with its covenants made herein; and (d) any and all costs and expenses, including attorneys' fees, incurred by the Finance Authority in connection with the enforcement of this Agreement, the Authorizing Instrument and the Bonds in the event of the breach by the Participant of or a default under this Agreement, the Authorizing Instrument or the Bonds. Notwithstanding clause (b) above, the Participant shall not be obligated to pay any of the fees, costs and expenses in connection with administering the Loan except as follows: (1) the Finance Authority may request and the Participant shall promptly pay (no later than the date first above written), a closing fee in connection with the Loan in an amount determined by the Finance Authority, but not exceeding \$1,000, which may not be paid from a Loan disbursement; (2) the Finance Authority may request and the Participant shall promptly pay (no later than thirty (30) days after any request), an annual administrative fee in connection with the Loan in an amount determined by the Finance Authority, but not exceeding \$1,000, which may not be paid from a Loan disbursement; (3) the Finance Authority may request and the Participant shall promptly pay (no later than thirty (30) days after any request), a Non-Use Fee in connection with the Loan, which may not be paid from a Loan disbursement; (4) for so long as the Finance Authority is the registered owner of the Bonds, at the direction of the Finance Authority, the interest rate on the Bonds may be adjusted to lower the interest rate on the Bonds, and the difference between the amount payable as the original rate on the Bonds and the lower rate shall be deemed an additional administrative fee in connection with the Wastewater SRF Program; and (5) the Participant shall only be obligated to pay fees, costs and expenses of the Finance Authority's counsel and financial advisers in connection with making the Loan up to \$10,000, which may be paid from a Loan disbursement.

Section 5.10. Applicable Law. This Agreement shall be construed in accordance with and governed by the laws of the State of Indiana.

Section 5.11. Term. This Agreement shall terminate at such time as the Participant has fully met and discharged all of its obligations hereunder, which term may extend beyond the final payment of the Bonds or provision for the payment of the Bonds pursuant to the Authorizing Instrument.

Section 5.12. Non-Collusion. The undersigned attests, subject to the penalties of perjury, that he/she is an authorized officer or representative of the Participant, that he/she has not, nor has any other officer or representative of the Participant, directly or indirectly, to the best of the undersigned's knowledge, entered into or offered to enter into any combination, collusion or agreement to receive pay, and that the undersigned has not received or paid any sum of money or other consideration for the execution of this Agreement other than that which appears upon the face of the agreement or is a payment to lawyers, accountants and engineers by the Participant related to customary services rendered in connection with the Loan.

Section 5.13. Federal Award Information. The CFDA Number for the Finance Authority's Wastewater SRF Program (also known as the Clean Water SRF Loan Program) is 66.458 and the Federal Agency & Program Name is "US Environmental Protection Agency Capitalization Grant for Clean Water State Revolving Funds."

(End of Article V)

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BEEN INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers or officials, all as of the date first above written.

**SANITARY DISTRICT OF THE CITY OF
EAST CHICAGO, INDIANA**

"Participant"

By: _____

Printed: _____

Title: _____

Attest: _____

CITY OF EAST CHICAGO, INDIANA

"City"

By: _____

Printed: _____

Title: Mayor

INDIANA FINANCE AUTHORITY

"Finance Authority"

By: _____

James P. McGoff

Director of Environmental Programs

Attested by Finance Authority Staff:

Attest: _____

City Controller

By: _____

B-25

US.125038713.03

EXHIBIT A

The Project includes the following components:

[To come from approved PER]

The Project is more fully described in, and shall be in accordance with, the Preliminary Engineering Report and the Plans and Specifications approved by the Finance Authority (or if designated by the Finance Authority, the Department).

[End of Exhibit A]

EXHIBIT B

Principal Payment Schedule for the Bonds

<u>Maturity Date</u>	<u>Principal Amount</u>	<u>Maturity Date</u>	<u>Principal Amount</u>	<u>Maturity Date</u>	<u>Principal Amount</u>
1/15/2020		1/15/2032		1/15/2044	
7/15/2020		7/15/2032		7/15/2044	
1/15/2021		1/15/2033		1/15/2045	
7/15/2021		7/15/2033		7/15/2045	
1/15/2022		1/15/2034		1/15/2046	
7/15/2022		7/15/2034		7/15/2046	
1/15/2023		1/15/2035		1/15/2047	
7/15/2023		7/15/2035		7/15/2047	
1/15/2024		1/15/2036		1/15/2048	
7/15/2024		7/15/2036		7/15/2048	
1/15/2025		1/15/2037		1/15/2049	
7/15/2025		7/15/2037		7/15/2049	
1/15/2026		1/15/2038		1/15/2050	
7/15/2026		7/15/2038		7/15/2050	
1/15/2027		1/15/2039		1/15/2051	
7/15/2027		7/15/2039		7/15/2051	
1/15/2028		1/15/2040		1/15/2052	
7/15/2028		7/15/2040		7/15/2052	
1/15/2029		1/15/2041		1/15/2053	
7/15/2029		7/15/2041		7/15/2053	
1/15/2030		1/15/2042		1/15/2054	
7/15/2030		7/15/2042		7/15/2054	
1/15/2031		1/15/2043			
7/15/2031		7/15/2043			

Total

[End of Exhibit B]

EXHIBIT C
Credit Instrument

Credit Providers rated on a long term basis lower than "A-/A3" long term by Standard & Poor's Ratings Services, a Division of the McGraw-Hill Companies and Moody's Investors Service, Inc. are:

- None.

[End of Exhibit C]

Exhibit D
Additional Terms

- A. The following additional terms in this Paragraph A (related to costs of Planning or Design being treated as Eligible Costs under this Agreement and the related defined terms) are NOT applicable to the Loan:*

“Equivalency Project” shall mean a project designated by the Finance Authority as an “equivalency project” under the Clean Water Act related to the “US Environmental Protection Agency Capitalization Grant for Clean Water State Revolving Funds” for the federal fiscal year ending September 30, 2019 (or such later federal fiscal year as the Finance Authority may otherwise designate).

“A/E Services” shall mean professional services related to the Planning or Design of the Project including for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural related services.

The Participant understands and acknowledges that the Project has been designated as an Equivalency Project and is required to meet the related applicable requirements of the Clean Water Act which among other requirements requires that for costs of Planning or Design (including costs for A/E Services) to be treated as Eligible Costs under this Agreement, such services (and the related contract) are required to be negotiated in the same manner as a contract for architectural and engineering services as negotiated under chapter 11 of title 40, United States Code (as amended). In connection with any request for disbursement of the Loan that is submitted by the Participant to the Finance Authority to provide for the payment of any costs of Planning or Design (including costs for A/E Services), the Participant represents and warrants that such costs relate only to services provided under a contract negotiated in the same manner as a contract for architectural and engineering services as negotiated under chapter 11 of title 40, United States Code (as amended).

- B. The following additional terms in this Paragraph B (related to GPR Projects and the related defined terms) are [NOT] applicable to the Loan.*

“GPR Projects” shall mean Project components that meet the requirement of the “Green Project Reserve (GPR) Sustainability Incentive Program” consistent with SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act.

“GPR Projects Adjustment Fee” shall mean an amount which would equal the gross additional interest that would have accrued on the Bonds from the date of this Agreement through their scheduled final maturity, had such Bonds been issued at an interest rate determined under the Wastewater SRF Program’s interest rate policies and practices using the final, actual GPR Projects Expenditures (rather than the GPR Projects Business Case Amount), all as determined by the Finance Authority.

“GPR Projects Business Case Amount” shall mean the amount referenced in the Participant’s business case related to GPR Projects as was set in the Participant’s Preliminary Engineering Report (or categorical exclusion) posted at www.srf.in.gov, uses of funds information submitted to the Finance Authority after the Project was bid or some other submitted information that was used by the Finance Authority prior to the date of this Agreement to set a special interest rate under the Wastewater SRF Program’s interest rate policies and practices applicable to the Bonds.

“GPR Projects Expenditures” shall mean those costs and expenses incurred by the Participant that are part of the Project which are GPR Projects in nature (within the meaning of the Wastewater SRF Act) as determined by the Finance Authority, in order for the Bonds to receive special interest rate treatment under the Wastewater SRF Program’s interest rate policies and practices.

The Participant understands and acknowledges that a special interest rate has been applied to the Bonds as a result of a portion of the Project having been identified by the Participant as being a GPR Projects project. In the event GPR Projects Expenditures are hereafter determined by the Finance Authority to be less than the GPR Projects Business Case Amount, then the Finance Authority may request and the Participant shall promptly pay (no later than thirty (30) days after any request), a GPR Projects Adjustment Fee in connection with the Loan. The Participant shall certify to the Finance Authority those Loan disbursements it represents to be its GPR Projects Expenditures when and as required by SRF Policy Guidelines. The Participant understands and acknowledges that it is required to submit a business case or categorical exclusion documenting the GPR Projects and the GPR Projects Business Case Amount prior to loan closing or if a request is made pursuant to Section 3.02(f) of this Agreement.

- C. The following additional terms in this Paragraph C (related to Non-point Source Projects and the related defined terms) are NOT applicable to the Loan:*

“Non-point Source Adjustment Fee” shall mean an amount which would equal the gross additional interest that would have accrued on the Bonds from the date of this Agreement through their scheduled final maturity, had such Bonds been issued at an interest rate determined under the Wastewater SRF Program’s interest rate policies and practices using the final, actual Non-point Source Expenditures (rather than the Participant’s related post-bid and other documents submitted to the Finance Authority), all as determined by the Finance Authority.

“Non-point Source Expenditures” shall mean those costs and expenses incurred by the Participant that are Non-point Source Projects in order for the Bonds to receive special interest rate treatment under the Wastewater SRF Program’s interest rate policies and practices.

“Non-point Source Projects Amount” shall mean the amount referenced in the Participant’s related post-bid and other documents submitted to the Finance Authority after the Project was bid or some other submitted information that was used by the Finance Authority prior to the date of this Agreement to set a special interest rate under the Wastewater SRF Program’s interest rate policies and practices applicable to the Bonds

“Non-point Source Projects” shall mean Project components that meet the requirement of SRF Policy Guidelines and the Wastewater SRF Act to be non-point source in nature as determined by the Finance Authority.

The Participant understands and acknowledges that a special interest rate has been applied to the Bonds as a result of a portion of the Project having been identified by the Participant as being a non-point source project. In the event Non-point Source Expenditures are hereafter determined by the Finance Authority to be less than the Non-point Source Projects Amount, then the Finance Authority may request and the Participant shall promptly pay (no later than thirty (30) days after any request), a Non-point Source Adjustment Fee in connection with the Loan. The Participant shall certify to the Finance Authority those Loan disbursements it represents to be its Non-point Source Expenditures when and as required by SRF Policy Guidelines.

[End of Exhibit D]

ATTACHMENT D



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Faegre Drinker Biddle & Reath LLP
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June 4, 2020

East Chicago Sanitary District
East Chicago, Indiana

First Merchants Bank
Indianapolis, Indiana

Re: East Chicago Sanitary District
Sanitary District Revenue Bond Anticipation Notes of 2020

Ladies and Gentlemen:

We have acted as bond counsel in connection with the issuance by the East Chicago Sanitary District (the "Sanitary District"), of Eight Million Three Hundred Thousand Dollars (\$8,300,000) aggregate principal amount of its Sanitary District Revenue Bond Anticipation Notes of 2020, originally dated the date hereof (the "BANs"). The BANs are being issued pursuant to Indiana Code 36-9-25 and Indiana Code 5-1-14-5, each as amended, and Resolution No. SD19-22, adopted by the Board of Sanitary Commissioners of the Sanitary District (the "Board") on November 7, 2019 (the "Resolution").

We have examined the law and such certified proceedings and other certificates, instruments and documents as we have deemed necessary or appropriate for purposes of rendering this opinion.

We have not been engaged or undertaken to review the accuracy, completeness or sufficiency of any offering materials relating to the BANs, and we express no opinion relating thereto.

As to questions of fact material to our opinion, we have relied upon representations and certifications of the Sanitary District, the Board, the City of East Chicago, Indiana, public officials and others contained in the certified proceedings and other certificates, instruments and documents furnished to us.

Based on the foregoing, we are of the opinion that, under existing law:

East Chicago Sanitary District
First Merchants Bank

-2-

June 4, 2020

1. The BANs are valid and binding limited and special obligations of the Sanitary District enforceable in accordance with their terms. The principal of the BANs is payable solely from the proceeds from the issuance and sale of sanitary district revenue bonds authorized to be issued under the Resolution in an aggregate principal amount not to exceed Eight Million Three Hundred Thousand Dollars (\$8,300,000) (the "Bonds"). The interest on the BANs is payable either from the Net Revenues of the Sewage Works (each as defined in the Resolution), subject to the prior lien thereof of the 2015 Bonds (as defined in the Resolution), or from proceeds from the issuance and sale of the Bonds.

2. The interest on the BANs is (a) excludable pursuant to Section 103 of the Internal Revenue Code of 1986, as amended and in effect on the date hereof (the "Code"), from gross income for federal income tax purposes, and (b) is not an item of tax preference for purposes of the federal alternative minimum tax that may be imposed under the Code on individuals and corporations.

3. The BANs have been designated as "qualified tax exempt obligations" for purposes of Section 265(b)(3) of the Internal Revenue Code of 1986, as amended to this date, relating to the exception from the 100% disallowance for the deduction for interest expense allocable to interest on tax exempt obligations acquired by financial institutions.

4. The interest on the BANs is exempt from taxation in the State of Indiana for all purposes except the Indiana financial institutions tax.

The opinions set forth in paragraphs 2 and 3 above are subject to the condition that the Sanitary District comply with all requirements of the Code that must be satisfied subsequent to the issuance of the BANs in order that interest thereon be, or continue to be, excludable from gross income for federal income tax purposes. The Sanitary District has covenanted to comply with each such requirement. Failure to comply with certain of such requirements may cause the interest on the BANs to cease to be excludable from gross income for federal income tax purposes retroactive to the date of issuance of the BANs. We express no opinion regarding any other federal tax consequences arising with respect to the BANs.

All statutory requirements for the issuance of the Bonds have been complied with. However, we express no opinion as to whether the Bonds, the proceeds of which can be used to satisfy the principal and interest payments of the BANs, will be issued.

East Chicago Sanitary District
First Merchants Bank

-3-

June 4, 2020

It is to be understood that the rights of the holders of the BANs and the enforceability of the BANs may be subject to bankruptcy, insolvency, reorganization, moratorium and other similar laws affecting creditors' rights heretofore or hereafter enacted to the extent constitutionally applicable and that their enforcement may also be subject to the exercise of judicial discretion in appropriate cases.

Very truly yours,

Faegre Drinker Biddle & Reath LLP

Faegre Drinker Biddle & Reath LLP

(Opinion Prepared by: Scott E. Peck)

ATTACHMENT E

STATE BOARD OF ACCOUNTS
302 West Washington Street
Room E418
INDIANAPOLIS, INDIANA 46204-2769

FINANCIAL STATEMENT AND
FEDERAL SINGLE AUDIT REPORT
OF

CITY OF EAST CHICAGO
LAKE COUNTY, INDIANA

January 1, 2018 to December 31, 2018



FILED
07/16/2019

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SCHEDULE OF OFFICIALS

<u>Office</u>	<u>Official</u>	<u>Term</u>
City Controller	Valeriano Gomez	01-01-18 to 12-31-19
Mayor	Anthony Copeland	01-01-18 to 12-31-19
President of the Board of Public Works	Valeriano Gomez	01-01-18 to 12-31-19
President of the Common Council	Richard Medina Lenny Franciski	01-01-18 to 12-31-18 01-01-19 to 12-31-19



STATE OF INDIANA

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Fax: (317) 232-4711
Web Site: www.in.gov/sboa

INDEPENDENT AUDITOR'S REPORT

TO: THE OFFICIALS OF THE CITY OF EAST CHICAGO, LAKE COUNTY, INDIANA

Report on the Financial Statement

We have audited the accompanying financial statement of the City of East Chicago (City), which comprises the financial position and results of operations for the year ended December 31, 2018, and the related notes to the financial statement as listed in the Table of Contents.

Management's Responsibility for the Financial Statement

Management is responsible for the preparation and fair presentation of this financial statement in accordance with the financial reporting provisions of the Indiana State Board of Accounts as allowed by state statute (IC 5-11-1-6). Management is responsible for and has determined that the regulatory basis of accounting, as established by the Indiana State Board of Accounts, is an acceptable basis of presentation. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of a financial statement that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on this financial statement based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statement is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statement. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statement, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the City's preparation and fair presentation of the financial statement in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statement.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

INDEPENDENT AUDITOR'S REPORT
(Continued)

Basis for Adverse Opinion on U.S. Generally Accepted Accounting Principles

As discussed in Note 1 to the financial statement, the City prepares its financial statement on the prescribed basis of accounting that demonstrates compliance with the reporting requirements established by the Indiana State Board of Accounts as allowed by state statute (IC 5-11-1-6), which is a basis of accounting other than accounting principles generally accepted in the United States of America.

The effects on the financial statement of the variances between the regulatory basis of accounting described in Note 1 and accounting principles generally accepted in the United States of America, although not reasonably determinable, are presumed to be material.

Adverse Opinion on U.S. Generally Accepted Accounting Principles

In our opinion, because of the significance of the matter discussed in the *Basis for Adverse Opinion on U.S. Generally Accepted Accounting Principles* paragraph, the financial statement referred to above does not present fairly, in accordance with accounting principles generally accepted in the United States of America, the financial position and results of operations of the City for the year ended December 31, 2018.

Opinion on Regulatory Basis of Accounting

In our opinion, the financial statement referred to above presents fairly, in all material respects, the financial position and results of operations of the City for the year ended December 31, 2018, in accordance with the financial reporting provisions of the Indiana State Board of Accounts described in Note 1.

Other Matters

Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the City's financial statement. The accompanying Schedule of Expenditures of Federal Awards is presented for purposes of additional analysis as required by Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, and is not a required part of the financial statement. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statement. The information has been subjected to the auditing procedures applied in the audit of the financial statement and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statement or to the financial statement itself, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedule of Expenditures of Federal Awards is fairly stated, in all material respects, in relation to the financial statement taken as a whole.

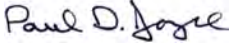
Other Information

Our audit was conducted for the purpose of forming an opinion on the City's financial statement. The Combining Schedule of Receipts, Disbursements, and Cash and Investment Balances - Regulatory Basis, Schedule of Payables and Receivables, Schedule of Leases and Debt, and Schedule of Capital Assets, as listed in the Table of Contents, are presented for additional analysis and are not required parts of the financial statement. They have not been subjected to the auditing procedures applied by us in the audit of the financial statement and, accordingly, we express no opinion on them.

INDEPENDENT AUDITOR'S REPORT
(Continued)

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued a report dated June 12, 2019, on our consideration of the City's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements, and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on the effectiveness of the City's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the City's internal control over financial reporting and compliance.


Paul D. Joyce, CPA
State Examiner

June 12, 2019



STATE OF INDIANA

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INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF THE FINANCIAL STATEMENT PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

TO: THE OFFICIALS OF THE CITY OF EAST CHICAGO, LAKE COUNTY, INDIANA

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statement of the City of East Chicago (City), which comprises the financial position and results of operations for the year ended December 31, 2018, and the related notes to the financial statement, and have issued our report thereon dated June 12, 2019, wherein we noted the City followed accounting practices the Indiana State Board of Accounts prescribes rather than accounting principles generally accepted in the United States of America.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statement, we considered the City's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statement, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, we do not express an opinion on the effectiveness of the City's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the City's financial statement will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

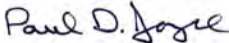
INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING
AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF THE FINANCIAL
STATEMENT PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*
(Continued)

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the City's financial statement is free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the City's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the City's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.


Paul D. Joyce, CPA
State Examiner

June 12, 2019

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FINANCIAL STATEMENT AND ACCOMPANYING NOTES

The financial statement and accompanying notes were approved by management of the City. The financial statement and notes are presented as intended by the City.

CITY OF EAST CHICAGO
STATEMENT OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

Fund	Cash and Investments 01-01-18	Receipts	Disbursements	Cash and Investments 12-31-18
General	\$ 19,783,408	\$ 35,349,859	\$ 28,523,153	\$ 26,610,114
Motor Vehicle Highway	3,879,721	1,385,624	254,777	5,010,568
Local Road And Street	514,396	464,093	40,504	937,985
Park Nonreverting Operating	14,158	8,034	7,850	14,342
Health Maintenance	125,921	147,365	69,600	203,686
Lakefront TIF (Economic Development)	3,397,403	2,231,384	3,915,601	1,713,186
Building Demolition	186,226	446,720	517,220	115,726
Transportation	1,473,336	1,984,920	1,275,541	2,182,715
CDBG	1,884	1,114,731	1,223,405	(106,790)
Law Enforcement Continuing Ed	75,461	55,212	29,307	101,366
Clerk's Records Perpetuation	22,202	5,963	7,955	20,210
Unsafe Building	336,500	93,417	209,322	220,595
Casino/Riverboat	9,986,124	13,877,415	13,547,489	10,316,050
Parks And Recreation	2,157,326	2,414,348	3,222,042	1,349,632
LOIT Special Distribution	1,212,046	-	1,070,489	141,557
Park Nonreverting Capital	1,004	-	-	1,004
Redevelopment Capital	806,564	7,391,881	5,821,411	2,377,034
Fire Equipment (Not Debt Service)	481,210	-	464,656	16,554
Co Economic Development Income Tax Capital	1,134,463	2,781,883	2,474,550	1,441,796
Cumulative Capital Improvement	-	69,422	-	69,422
Self-Insurance	7,349,958	10,596,101	7,466,520	10,479,539
Police Pension	23,789	3,564,587	3,452,654	135,722
Fire Pension	67,579	2,333,151	2,548,678	(147,948)
City And Town Court Costs	2,028	22,272	20,992	3,308
LOIT Public Safety	1,989,364	2,897,161	2,176,652	2,709,873
Local Development Agreement	6,772,649	3,781,895	6,366,438	4,188,106
TIF US Gypsum	606,031	1,214,125	1,213,094	607,062
TIF Riley Plaza	49,081	87,899	97,474	39,506
Local Police Forfeitures	41,391	1,247	2,436	40,202
Harborside Apartments	295,723	1,519,812	1,688,448	127,087
TIF Northtown Village Townhomes	71,682	140,820	142,092	70,410
Home Investment Partnership Program	102,237	169,741	242,566	29,412
Corporation Bond and Interest	1,240,714	2,474,550	2,475,114	1,240,150
City of EC Construction Account	7,979,533	2,510	5,731,509	2,250,534
TIF Lakeside Garden	283,213	330,153	247,736	365,630
Public Works Revolving	-	8,519,624	8,519,624	-
Local Road and Bridge Grant	895,430	1,340,000	895,430	1,340,000
TIF Annex Allocation Area	139,658	473,213	314,908	297,963
Redevelopment Education	100,000	32,722	-	132,722
General Adult Probation	154,382	27,243	40,510	141,115
Federal Grants	2,337	143,247	114,920	30,664
State Grant	34,085	-	-	34,085
Grant Misc	597,928	53,851	20,506	631,273
Summer Youth Training Program	-	125,585	103,928	21,657

CITY OF EAST CHICAGO
STATEMENT OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

Fund	Cash and Investments 01-01-18	Receipts	Disbursements	Cash and Investments 12-31-18
Police Federal Forfeitures	134,523	16,555	41,302	109,776
Damage To City Property	54,588	32,393	13,994	72,987
Vital Records	277,438	62,136	18,980	320,594
City Court Programs	6,131	37,322	16,403	27,050
EC Petty Cash Accts	1,825	377	201	2,001
Redevelopment Rehab Escrow	3,908	83,818	77,231	10,495
Lease Rental Payment	837,715	2,287,737	2,193,001	932,451
Communications Revolving	(8,520)	134,106	133,110	(7,524)
Gasoline Revolving	(74,120)	688,357	637,916	(23,679)
EC Redevelopment	307,064	958,682	901,297	364,449
Payroll Withholding	1,811	66,359,142	66,358,657	2,296
Health Insurance	4,642	4,579,567	4,577,165	7,044
Misc Employee Ins	61,438	2,023	555	62,906
Worker's Compensation	216	249,476	249,467	225
City Clerk	548,294	418,597	459,592	507,299
ECSDWW Petty Cash	4,976	28	3	5,001
Sewage Utility Construction	5,352,826	69,358	202,977	5,219,207
Sewage Utility Bond and Interest	472,981	950,163	947,888	475,256
Sewage Debt Service Reserve	949,726	9,282	-	959,008
Sanitary District Rainy Day	614,129	-	193,579	420,550
Wastewater Utility-Operating	1,275,903	7,427,656	7,556,553	1,147,006
Wastewater Replacement Reserve	1,512,697	617,700	342,971	1,787,426
Storm Water Utility-Operating	769,820	2,872,749	2,716,877	925,692
Solid Waste-Operating	10,182,592	10,807,852	9,323,338	11,667,106
Solid Waste-Bond And Interest	333,554	866,529	840,743	359,340
Sanitary District Revolving	1,374,791	154,066	-	1,528,857
Utilities Revolving	-	1,127,207	1,127,207	-
Sanitary State Revolving	38,683	-	-	38,683
Water Utility Meter Deposit	285,934	19,107	12,965	292,076
Water Utility-Operating	182,259	9,979,032	9,856,844	304,447
Water Tank Refurbishment	58,491	1,016,560	950,289	124,762
Water Utility-Construction	2,487,420	17,017,537	6,683,469	12,821,488
Change Fund	1,000	-	-	1,000
Water Utility-Debt Reserve	929,327	925,297	207,166	1,647,458
Water Utility-Bond and Interest	2,978,394	3,639,013	3,626,230	2,991,177
EC Marina	214,942	1,018,804	937,249	296,497
EC Marina Petty Cash Accts	1,350	2,487	2,337	1,500
Totals	<u>\$ 106,566,893</u>	<u>\$ 244,104,495</u>	<u>\$ 227,764,657</u>	<u>\$ 122,906,731</u>

The notes to the financial statement are an integral part of this statement.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT

Note 1. Summary of Significant Accounting Policies

A. Reporting Entity

The City was established under the laws of the State of Indiana. The City operates under a Council-Mayor form of government and provides some or all of the following services: public safety (police and fire), highways and streets, health and social services, culture and recreation, public improvements, planning and zoning, general administrative services, water, wastewater, storm water, trash, and urban redevelopment and housing.

The accompanying financial statement presents the financial information for the City.

B. Basis of Accounting

The financial statement is reported on a regulatory basis of accounting prescribed by the Indiana State Board of Accounts in accordance with state statute (IC 5-11-1-6), which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America. The basis of accounting involves the reporting of only cash and investments and the changes therein resulting from cash inflows (receipts) and cash outflows (disbursements) reported in the period in which they occurred.

The regulatory basis of accounting differs from accounting principles generally accepted in the United States of America, in that receipts are recognized when received in cash, rather than when earned, and disbursements are recognized when paid, rather than when a liability is incurred.

C. Cash and Investments

Investments are stated at cost. Any changes in fair value of the investments are reported as receipts in the year of the sale of the investment.

D. Receipts

Receipts are presented in the aggregate on the face of the financial statement. The aggregate receipts include the following sources:

Taxes. Amounts received from one or more of the following: property tax, certified shares (local option tax), property tax replacement credit (local option tax), county option income tax, wheel tax, innkeeper's tax, food and beverage tax, county economic development income tax, boat and trailer excise tax, county adjusted gross income tax, and other taxes that are set by the City.

Licenses and permits. Amounts received from businesses, occupations, or nonbusinesses that must be licensed before doing business within the government's jurisdiction, or permits levied according to the benefits presumably conferred by the permit. Examples of licenses and permits include the following: peddler licenses, animal licenses, auctioneer licenses, building and planning permits, demolition permits, electrical permits, sign permits, and gun permits.

Intergovernmental receipts. Amounts received from other governments in the form of operating grants, entitlements, or payments in lieu of taxes. Examples of intergovernmental receipts include, but are not limited to, the following: federal grants, state grants,

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

cigarette tax distributions received from the state, motor vehicle highway distributions received from the state, local road and street distributions received from the state, financial institution tax received from the state, auto excise surtax received from the state, commercial vehicle excise tax received from the state, major moves distributions received from the state, and riverboat receipts received from the county.

Charges for services. Amounts received for services including, but not limited to, the following: planning commission charges, building department charges, copies of public records, copy machines charges, accident report copies, gun permit applications, 911 telephone services, recycling fees, dog pound fees, emergency medical service fees, park rental fees, swimming pool receipts, cable TV receipts, ordinance violations, fines and fees, bond forfeitures, court costs, and court receipts.

Fines and forfeits. Amounts received from fines and penalties imposed for the commission of statutory offenses, violation of lawful administrative rules and regulations (fines), and for the neglect of official duty and monies derived from confiscating deposits held as performance guarantees (forfeitures).

Utility fees. Amounts received from charges for current services.

Penalties. Amounts received from late payment fees.

Other receipts. Amounts received from various sources, including, but not limited to, the following: net proceeds from borrowings; interfund loan activity; transfers authorized by statute, ordinance, resolution, or court order; internal service receipts; and fiduciary receipts.

E. Disbursements

Disbursements are presented in the aggregate on the face of the financial statement. The aggregate disbursements include the following uses:

Personal services. Amounts disbursed for salaries, wages, and related employee benefits provided for all persons employed. In those units where sick leave, vacation leave, overtime compensation, and other such benefits are appropriated separately, such payments would also be included.

Supplies. Amounts disbursed for articles and commodities that are entirely consumed and materially altered when used and/or show rapid depreciation after use for a short period of time. Examples of supplies include, but are not limited to, the following: office supplies, operating supplies, and repair and maintenance supplies.

Other services and charges. Amounts disbursed for services including, but not limited to, the following: professional services, communication and transportation, printing and advertising, insurance, utility services, repairs and maintenance, and rental charges.

Debt service - principal and interest. Amounts disbursed for fixed obligations resulting from financial transactions previously entered into by the City. It includes all expenditures for the reduction of the principal and interest of the City's general obligation indebtedness.

Capital outlay. Amounts disbursed for land, infrastructure, buildings, improvements, and machinery and equipment having an appreciable and calculable period of usefulness.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Utility operating expenses. Amounts disbursed for operating the utilities.

Other disbursements. Amounts disbursed for various other purposes including, but not limited to, the following: interfund loan payments; loans made to other funds; internal service disbursements; and transfers out that are authorized by statute, ordinance, resolution, or court order.

F. Interfund Transfers

The City may, from time to time, make transfers from one fund to another. These transfers, if any, are included as a part of the receipts and disbursements of the affected funds and as a part of total receipts and disbursements. The transfers are used for cash flow purposes as provided by various statutory provisions.

G. Fund Accounting

Separate funds are established, maintained, and reported by the City. Each fund is used to account for amounts received from and used for specific sources and uses as determined by various regulations. Restrictions on some funds are set by statute while other funds are internally restricted by the City. The amounts accounted for in a specific fund may only be available for use for certain, legally-restricted purposes. Additionally, some funds are used to account for assets held by the City in a trustee capacity as an agent of individuals, private organizations, other funds, or other governmental units and, therefore, the funds cannot be used for any expenditures of the unit itself.

Note 2. Budgets

The operating budget is initially prepared and approved at the local level. The fiscal officer of the City submits a proposed operating budget to the governing board for the following calendar year. The budget is advertised as required by law. Prior to adopting the budget, the governing board conducts public hearings and obtains taxpayer comments. Prior to November 1, the governing board approves the budget for the next year. The budget for funds for which property taxes are levied or highway use taxes are received is subject to final approval by the Indiana Department of Local Government Finance.

Note 3. Property Taxes

Property taxes levied are collected by the County Treasurer and are scheduled to be distributed to the City in June and December; however, situations can arise which would delay the distributions. State statute (IC 6-1.1-17-16) requires the Indiana Department of Local Government Finance to establish property tax rates and levies by December 31 of the year preceding the budget year or January 15 of the budget year if the City is issuing debt after December 1 or intends on filing a shortfall appeal. These rates were based upon the assessed valuations adjusted for various tax credits from the preceding year's lien date of January 1. Taxable property is assessed at 100 percent of the true tax value (determined in accordance with rules and regulations adopted by the Indiana Department of Local Government Finance). Taxes may be paid in two equal installments which normally become delinquent if not paid by May 10 and November 10, respectively.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Note 4. *Deposits and Investments*

Deposits, made in accordance with state statute (IC 5-13), with financial institutions in the State of Indiana, at year end, should be entirely insured by the Federal Depository Insurance Corporation or by the Indiana Public Deposit Insurance Fund. This includes any deposit accounts issued or offered by a qualifying financial institution.

State statutes authorize the City to invest in securities including, but not limited to, the following: federal government securities, repurchase agreements, and certain money market mutual funds. Certain other statutory restrictions apply to all investments made by local governmental units.

Note 5. *Risk Management*

The City may be exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; job-related illnesses or injuries to employees; medical benefits to employees, retirees, and dependents; and natural disasters.

These risks can be mitigated through the purchase of insurance, establishment of a self-insurance fund, and/or participation in a risk pool. The purchase of insurance transfers the risk to an independent third-party. The establishment of a self-insurance fund allows the City to set aside money for claim settlements. The self-insurance fund would be included in the financial statement. The purpose of participation in a risk pool is to provide a medium for the funding and administration of the risks.

Note 6. *Pension Plans*

A. *Public Employees' Retirement Fund*

Plan Description

The Indiana Public Employees' Retirement Fund (PERF) Defined Benefit Plan is a cost-sharing multiple-employer defined benefit plan and provides retirement, disability, and survivor benefits to plan members. PERF is administered through the Indiana Public Retirement System (INPRS) Board in accordance with state statutes (IC 5-10.2, IC 5-10.3) and administrative code (35 IAC 1.2), which governs most requirements of the system and gives the City authority to contribute to the plan.

My Choice: Retirement Savings Plan for Public Employees (My Choice) is a multiple-employer defined contribution plan. It is administered through the Indiana Public Retirement System (INPRS) Board in accordance with state statutes (IC 5-10.2, IC 5-10.3) and administrative code (35 IAC 1.2), which governs most requirements of the system and gives the City authority to contribute to the plan.

New employees hired have a one-time election to join either the Public Employees' Hybrid Plan (PERF Hybrid) or the My Choice: Retirement Savings Plan for Public Employees (My Choice), which is a multiple-employer defined contribution plan. PERF Hybrid consists of two components: PERF DB, the employer-funded monthly defined benefit component, and the Public Employees' Hybrid Members Defined Contribution Account, the defined contribution component.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Financial Report

INPRS issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole and for its participants. That report may be obtained by contacting:

Indiana Public Retirement System
One North Capitol, Suite 001
Indianapolis, IN 46204
Ph. (844) 464-6777

Contributions

Members' contributions are set by state statute at 3 percent of compensation for both the defined contribution component of PERF Hybrid and My Choice. The employer may elect to make the contribution on behalf of the member of the defined contribution component of PERF Hybrid and My Choice members may receive additional employer contribution in lieu of the PERF DB. Contributions to the PERF DB are determined by INPRS Board based on actuarial valuation.

B. 1925 Police Officers' Pension Plan

Plan Description

The 1925 Police Officers' Pension Plan is a single-employer defined benefit pension plan. The plan is administered by the local pension board as authorized by state statute (IC 36-8-6). The plan provides retirement, disability, and death benefits to plan members and beneficiaries. The plan was established by the plan administrator, as provided by state statute. The plan administrator does not issue a publicly available financial report that includes financial statements and required supplementary information of the plan.

Funding Policy

The contribution requirements of plan members for the 1925 Police Officers' Pension Plan are established by state statute.

On Behalf Payments

The 1925 Police Officers' Pension Plan is funded by the State of Indiana through the Indiana Public Retirement System as provided under Indiana Code 5-10.3-11.

C. 1937 Firefighters' Pension Plan

Plan Description

The 1937 Firefighters' Pension Plan is a single-employer defined benefit pension plan. The plan is administered by the local pension board as authorized by state statute (IC 36-8-7). The plan provides retirement, disability, and death benefits to plan members and beneficiaries. The plan was established by the plan administrator, as provided by state statute. The plan administrator does not issue a publicly available financial report that includes financial statements and required supplementary information of the plan.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Funding Policy

The contribution requirements of plan members for the 1937 Firefighters' Pension Plan are established by state statute.

On Behalf Payments

The 1937 Firefighters' Pension Plan is funded by the State of Indiana through the Indiana Public Retirement System as provided under Indiana Code 5-10.3-11.

D. 1977 Police Officers' and Firefighters' Pension and Disability Fund

Plan Description

The 1977 Police Officers' and Firefighters' Pension and Disability Fund is a cost-sharing multiple-employer defined benefit pension plan administered by the Indiana Public Retirement System (INPRS) for all police officers and firefighters hired after April 30, 1977, providing retirement, disability, and survivor benefits.

State statute (IC 36-8-8) regulates the operations of the system, including benefits, vesting, and requirements for contributions by employers and by employees. Covered employees may retire at age 52 with 20 years of service. An employee with 20 years of service may leave service, but will not receive benefits until reaching age 52.

Financial Report

INPRS issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole and for its participants. That report may be obtained by contacting:

Indiana Public Retirement System
One North Capitol, Suite 001
Indianapolis, IN 46204
Ph. (844) 464-6777

Contributions

The contribution requirements of plan members and the City are established by the Board of Trustees of INPRS based on actuarial valuation. Employers may pay all or part of the member contribution for the member.

Note 7. Cash Balance Deficits

The financial statement contains some funds with deficits in cash. This is a result of some City funds being set up for reimbursable grants or as internal service funds.

In addition, the Fire Pension fund had a deficit cash position at year end. Because pensioners were given a raise in 2018, the cash balance in the fund was not sufficient to cover all personnel expenses for the year. Fire pension salaries are funded by the state's Pension Relief distribution and is received on a reimbursement basis in the subsequent year.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Note 8. Holding Corporation

The City has entered into a capital lease with the East Chicago Municipal Building Corporation (the lessor). The lessor was organized as a not-for-profit corporation pursuant to state statute for the purpose of financing and constructing or reconstructing facilities for lease to the City. The lessor has been determined to be a related-party of the City. Lease payments during the year 2018 totaled \$2,193,000.

Note 9. Subsequent Events

Short-Term Debt - Loans Between Funds

Due to a delay in collecting revenue from water customer billings as well as the delay in the reimbursements from the state's Hardest Hit Program, the City made temporary loans between funds during 2018. These loans were not repaid during 2018. As of December 31, 2018, three loans to the Water Utility-Operating totaling \$2,650,000 and two loans to the Building Demolition totaling \$350,000 were still outstanding. They will be repaid on June 30, 2019.

Purchase of Capital Equipment

In May 2019, the Board of Sanitary Commissioners approved the \$2.6 million purchase of vehicles and items of equipment essential to the operation of the Sanitary District, which have reached the end of their useful lives and must be replaced in order to assure efficient, cost effective, and uninterrupted service to the City. The additional appropriation for this purchase was approved from the cash balance of the Sanitary Solid Waste-Operating fund.

Note 10. Other Postemployment Benefits

The City provides health benefits to eligible retirees and their spouses. These benefits pose a liability to the City for this year and in future years. Information regarding the benefits can be obtained by contacting the City.

Note 11. Contingent Liabilities and Lawsuits

The City has been named as defendant in several pending lawsuits of which the outcome and the amount of potential damages has not been estimated.

Note 12. Tax Increment Receipts Pledged

The City has pledged a portion of tax incremental finance property tax receipts to repay \$9,065,040 in tax increment finance revenue bonds issued in 1999 to finance the acquisition of processing and production equipment for high capacity wallboard manufacturing facility (U.S. Gypsum Company). The bonds are payable solely from the incremental property tax generated by the allocation area. Incremental property taxes were projected to produce 100 percent of the debt service requirements over the life of the bonds. The tax incremental finance property taxes received in 2018 were not enough to cover the 2018 payments due.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

The City has pledged a portion of tax incremental finance property tax receipts to repay \$1,750,000 in tax increment finance revenue bonds issued in 2007 to finance the costs of converting an existing retail structure located in Riley Plaza into a supermarket facility. The bonds are payable solely from the incremental property tax generated by the allocation area. Incremental property taxes were projected to produce 100 percent of the debt service requirements over the life of the bonds. The tax incremental finance property tax receipts received in 2018 were not enough to cover the 2018 payments due.

The City has pledged a portion of tax incremental finance property tax receipts to repay \$3,000,000 in tax increment finance revenue bonds issued in 2015 to finance the acquisition and rehabilitation of a vacant industrial warehouse facility into the light industrial operations of Hoist Liftruck Manufacturing. The bonds are payable solely from the incremental property tax generated by the allocation area. Incremental property taxes were projected to produce 100 percent of the debt service requirements over the life of the bonds. The 2018 tax incremental finance property tax receipts were not enough to cover the 2018 payments due. Hoist Liftruck Manufacturing provided the City with the necessary funds to cover the 2018 payment shortfalls.

Note 13. Indiana Harbor Revitalization Project

The Community Builders, Inc. (TCB), Hispanic Housing Development Corp. (HHDC), and EDAW combined to form the Indiana Harbor Community Master Development Team, which was jointly selected by the East Chicago Board of Public Works, East Chicago Housing Authority, and the East Chicago Redevelopment Commission.

On March 1, 2006, a Master Development Agreement was entered into for a Master Developer to oversee and carry out the redevelopment (the Revitalization) of a certain portion of the City known as the Indiana Harbor Community. This area was designated by the City's Redevelopment Commission as a Tax Increment Financing (TIF) District in 2002. As part of the agreement, the Master Developer is to plan, coordinate, and implement all aspects of the Revitalization. The Revitalization contemplates a comprehensive redevelopment of the Revitalization Area, including the development or redevelopment of housing, commercial and retail space, public space, public facilities, and industrial facilities.

To achieve the revitalization, the City's Redevelopment Commission transferred ownership of 21 parcels of property to Northtown Village Townhomes Limited Partnership (Northtown) for the sum of \$10 in 2008. Northtown is a wholly owned subsidiary of The Community Builders, Inc., one of the three entities which comprise the Indiana Harbor Community Master Development Team.

The Commission also loaned Northtown \$3,000,000 to be used to finance construction of 75 unit townhomes consisting of two, three, and four bedroom rental units comprised of ten separate buildings. The loan was made in installments over a three year period. Northtown was loaned \$619,558 in October 2007 and \$1,380,442 in November 2008 from the Economic Development Commission Fund, which receipts the tax increment financing property tax revenues generated from the TIF District. The final installment was paid to Northtown on February 6, 2009, from grants awarded to the City in 2007 from the East Chicago Urban Enterprise Association, Inc., and the Gary/Hammond/East Chicago Empowerment Zone. The Phase I loan bears interest at 1.75 percent compounded annually. The unpaid principal as well as any accrued and unpaid interest will be due and payable no later than December 31, 2048.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Northtown completed the 75 unit development and all units were fully occupied as of March 30, 2010, with plans underway for a Phase II development. Phase II will consist of 50 additional units. To undertake this project the Northtown retained \$1,200,000 of funds available for repayment on the \$3,000,000 loan for Phase I, and the Commission provided an additional \$500,000 from the Economic Development Commission Fund. A new loan agreement was established to evidence the \$1,700,000 loan made by the Commission to Northtown as of June 30, 2010. This loan bears interest at 1.25 percent, compounding annually. The unpaid principal, as well as any accrued and unpaid interest, will be due and payable no later than December 31, 2050.

On June 30, 2010, the Commission loaned Northtown \$953,000 also bearing interest at 1.25 percent, compounding annually. The unpaid principal, as well as any accrued and unpaid interest, will be due and payable no later than December 31, 2050. The Commission received the loan funds from the U.S. Department of Housing and Urban Development through the Neighborhood Stabilization Program (NSP).

The loan activity between the City's Redevelopment Commission and Northtown is as follows:

<u>Balance 1-1-2018</u>	<u>New Loans</u>	<u>Repayments</u>	<u>Balance 12-31-2018</u>	<u>Accrued and Unpaid Interest</u>
\$ 1,800,000	\$ -	\$ -	\$ 1,800,000	\$ 340,855
<u>2,653,000</u>	<u>-</u>	<u>-</u>	<u>2,653,000</u>	<u>128,822</u>
<u>\$ 4,453,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 4,453,000</u>	<u>\$ 469,677</u>

Note 14. Water Filtration Plant

In 2006, the City authorized the construction of a new water treatment plant and improvements to the intake system, water pumping station, pretreatment and filtration systems, and water storage system. To finance the estimated \$54,200,000 water filtration plant construction and improvements, the City has committed the following resources:

1. In 2006, the City entered into a \$16,600,000 loan with the State Revolving Loan Fund (SRF). Under the terms of the financial assistance agreement, waterworks revenue bonds issued by the City have been purchased by the Indiana Finance Authority. The proceeds are set aside to finance the water utility improvements. Funds are loaned to the City's water department as costs are incurred to the maximum allowed. The initial \$16,600,000 in loan program funds was completely drawn down; however, as of December 31, 2015, an additional \$83,615 in accumulated interest is still available to be drawn on this program. The repayment of the loan is from the Water Utility-Operating and Economic Development Operating funds.
2. In 2009, the City entered into a \$27,200,000 loan with the SRF. Under the terms of the financial assistance agreement, waterworks revenue bonds issued by the City have been purchased by the Indiana Finance Authority. The proceeds are set aside to finance the water utility improvements. Funds are loaned to the City's water department as costs are incurred to the maximum allowed. During 2010 and 2011, the City drew down the entire amount of the \$27,200,000 loan.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

The City approved Ordinance 06-0053 on January 9, 2007, to irrevocably pledge a maximum of \$3,000,000 annually of gaming revenue for the payment of principal and interest on the 2009 \$27,200,000 SRF loan. Per the financial assistance agreement, the City is to deposit by January 16 of each year an annual amount equal to the principal and interest on all outstanding bonds payable during the next 12 month period. If gaming revenue is insufficient, the City would cause a levy of a special benefit tax upon all property of the Waterworks District in the amount necessary to meet and pay the principal and interest payments when due.

3. In 2009, the City entered into a \$3,000,000 forgivable loan with the SRF. Under the terms of the financial assistance agreement, waterworks bond anticipation notes (BAN) issued by the City have been purchased by the Indiana Finance Authority. The proceeds are set aside to finance the water utility improvements. Funds are loaned to the City's water department as costs are incurred to the maximum allowed. The 2009 BAN was subject to loan forgiveness and was deemed forgiven and discharged on November 12, 2010, for the entire amount of the loan, as permitted by the American Recovery and Reinvestment Act. During 2010, the City drew down the entire \$3,000,000 loan.
4. In 2009, the City disbursed \$5,750,000 from the Economic Development Commission Fund, in accordance with the financial assistance agreement with the Indiana Finance Authority, into a project fund for the water utility improvements. As of December 31, 2015, the City has drawn \$5,704,967, which left \$45,033.
5. The U.S. Army Corp of Engineers contributed the construction of a water storage reservoir at an estimated value of \$1,650,000. The water filtration plant construction was completed in the fall of 2011. However, the new state-of-the-art water filtration plant has yet to provide the rated 17 million gallons of clean water a day. Thus, the City has not been able to fully integrate the new water filtration plant online and has had to operate and maintain the old water filtration plant. The City expected to demolish the old water filtration plant in January 2012 for the City's continued improvement to the lakefront. The City has been assessing a \$2,000 per day penalty against Siemens USA for failing to provide a water filtration plant that met specifications.
6. On August 7, 2013, Siemens and the City initiated separate lawsuits entitled City of East Chicago v. Siemens Water Technologies Group, et al, Case No. 45D01-1308-PL-72 (Lake County, IN) and Siemens Industry, Inc. successor through merger to Siemens Water Technologies v. The City of East Chicago, Indiana, Case No. 2:13-CV-00273-JTM-PRC (U.S. Dist. Ct. N.D. IN. The litigation concerned a dispute regarding the performance of the water filtration system installed in the new membrane water filtration facility. Each party denied the allegations made against them by their opponents.
7. On June 25, 2015, the City executed a Settlement and Release Agreement with Evoqua Water Technologies LLC, Federal Insurance Company and Fidelity and Deposit Company of Maryland, which terminated the litigation and provided, among other things that the City would receive, new N-module membranes for all six trains at the filtration plant and a cash payment of \$1,875,000. The City conducted an eleven month pilot plant study testing a proposed Fluid Engineering Strainer system and concluded that it was uniquely suited to operate in conjunction with the existing membrane filtration system with minimal reconfiguration of the existing plant and in May of 2015 the City authorized the purchase of the Fluid Engineering Strainer system.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

8. On July 16, 2015, the City adopted a resolution appropriating the proceeds of the \$1,875,000 cash settlement directing in part that \$1,356,446 be applied to the cost of the project to replace the raw water strainer system used in conjunction with the City's membrane water filtration system and other substantial improvements at the City's water filtration facility. The project is expected to take four months and be complete in January 2016.
9. In the Spring of 2019, the City made successful warranty claims against Evoqua whereby certain components of the system have been replaced at no charge and others were purchased at a reduced negotiated price. Once the components are installed, it is expected that daily production will increase from 10 millions of gallons per day (MGD) to the nominal design flow of 16 MGD in summer and 14 MGD at low temperatures. Planned revised operational and maintenance strategies, including discharging backwash to the wastewater treatment plant rather than recycling through the filtration plant, are expected to improve performance.

Note 15. Settlements

Consent Decree

An Agreed Judgment resolving the case of the Indiana Department of Environment Management (IDEM) vs. The East Chicago Sanitary District (District) was approved and entered by the Judge of the Lake Circuit Court on October 1, 2007. The Consent Decree contains both specific and general tasks and obligations and goals, which are to be accomplished within prescribed deadlines. The Consent Decree provides for the payment of stipulated penalties in the event of the District's failure to comply with specified wastewater treatment plant performance standards or to achieve facility improvement programs within the time limits imposed.

The major component of the Agreed Judgment is the District's obligation to revise and implement a long-term combined sewer overflow control plan (Long-Term Plan). The process includes submission of a Use Attainability Analysis, which determines a financial capability assessment of the District user charge payers and the cost effectiveness of treatment plant and system improvements, which would reduce Combined Sewer Overflows (CSO) into the Grand Calumet River. The Long-Term Plan has been submitted to the IDEM and reviewed by the United States Environmental Protection Agency (EPA) and was approved.

The Long-Term Plan as most recently configured proposed spending approximately \$12.2 million on treatment plant and system improvements to be raised through a Revenue Bond issued in the total amount of \$12.94 million. The Long-Term Plan called for the construction of improvements in two phases, the first in 2014 and 2015, with the second originally planned to commence in 2016. Phase 1 was financed under a Bond Anticipation Note (BAN) with the bond itself being issued at the end of 2015. The District sought and won approval from the City Council for a user rate increase in 2014 to support financing for the project.

In order to take advantage of economies in construction staging, some elements of Phase 2 were completed in Phase 1. However, discovery of unforeseen subsurface issues and other considerations required a re-structuring of the Long-Term Plan for Phase 2 and the addition of a number of elements. IDEM also has suggested the EPA approval may require an additional expenditure over years in order to reduce the number of CSO events. A new engineering firm of record was engaged, and the resulting cost of Phase 2 was upwardly adjusted to a total of between \$12 and \$13 million. Upon issuance of the 2015 Bond, just over \$6 million of the proceeds were used to satisfy the Ban for Phase 1, leaving approximately \$6 million remaining and available for Phase 2.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

In 2018, a Request for Proposals for a Guaranteed Cost Saving Contract (GCS) was issued for Phase 2, and Kokosing Industrial was selected as the general contractor for the project. Under the revised scope of work necessary to complete Phase 2, it will be necessary to raise an additional \$6 million to \$7 million dollars. The District has engaged the Municipal Advisory and accounting firm of Baker Tilly to prepare a cost of service study to set the stage for a new user rate increase, and to advise on the most favorable alternative for financing. This is likely to involve borrowing from the State of Indiana Waste Water Revolving Fund (SRF). Butler, Fairman & Seufert, Inc., the engineer of record, has been engaged to prepare and submit a Preliminary Engineering Report for the SRF application. The current plan is to receive bond proceeds in late 2019, with construction of Phase 2 commencing in the Spring of 2020. Currently, the District is seeking an extension from IDEM to accommodate these changes for Phase 2.

USS Lead Superfund

The USS Lead Superfund site is located within the City of East Chicago. The lead refinery was constructed in 1906. The DuPont facility, located east of USS Lead operated from 1910 to 1949. The site includes part of the former USS Lead facility along with nearby commercial, municipal, and residential areas. The primary contaminants of concern are lead and arsenic. The site is separated into three zones, which include a public housing complex and residential properties. Zone 1 is a neighborhood that includes the West Calumet Housing Complex and Carrie Gosch Elementary School. Zones 2 and 3 are residential neighborhoods. Construction of the residential began in 1939 and were completed in 1959. The elementary school was dedicated in 1959. The West Calumet Housing Complex was constructed between 1970 and 1973. USS Lead ceased operation in 1992.

RCRA referred the residential areas adjacent to the USS Lead facility to Superfund in 2004. In 2006 the EPA began testing for lead contamination in yards and published notices stating that lead is highly toxic and can cause behavioral problems, learning disabilities, seizures, death and other health effects. Currently, the Housing Complex has been closed and residents relocated. The elementary school is also closed.

Two lawsuits arising from this situation have been filed naming the City, the Mayor, BP Products, DuPont, Atlantic Richfield, the East Chicago Housing Authority, and its director. The complaint alleges that the defendants concealed the dangers of the contaminated land in which they resided, along with the theories of conspiracy, personal injury, breach of contract and implied warranty, fraud and misrepresentation. Additional claims allege violation of the 14th Amendment, the Civil Rights Act, and the Equal Protection Clause. In one case, the plaintiffs have requested the conditional class certification of each resident living in the West Calumet area of the City. The City is prepared to contest all claims.

In 2017, the City received tort claim notices for an additional 100 individuals claiming injury and damages arising from this situation. Although the City's exposure could exceed \$1 million dollars if it does not prevail, the case has been vigorously defended. The City has obtained dismissals of some of the constitutional claims made. This allows, in some instances, for only state law, tort claims to proceed, which is governed by the Indiana Tort Claims Act where damages are capped.

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OTHER INFORMATION - UNAUDITED

The City's Annual Financial Report information can be found on the Indiana Gateway for Government Units website: <https://gateway.ifionline.org/>.

Differences may be noted between the financial information presented in the financial statement contained in this report and the financial information presented in the City's Annual Financial Report referenced above. These differences, if any, are due to adjustments made to the financial information during the course of the audit. This is a common occurrence in any financial statement audit. The financial information presented in this report is audited information, and the accuracy of such information can be determined by reading the opinion given in the Independent Auditor's Report.

The other information presented was approved by management of the City. It is presented as intended by the City.

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	General	Motor Vehicle Highway	Local Road And Street	Park Nonreverting Operating	Health Maintenance	Lakefront TIF (Economic Development)
Cash and investments - beginning	\$ 19,783,408	\$ 3,879,721	\$ 514,396	\$ 14,158	\$ 125,921	\$ 3,397,403
Receipts:						
Taxes	31,386,270	-	-	-	-	2,201,830
Licenses and permits	770,673	-	-	-	-	-
Intergovernmental receipts	2,304,013	1,385,624	464,093	-	147,365	-
Charges for services	417,166	-	-	8,034	-	-
Fines and forfeits	95,638	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	376,099	-	-	-	-	29,554
Total receipts	<u>35,349,859</u>	<u>1,385,624</u>	<u>464,093</u>	<u>8,034</u>	<u>147,365</u>	<u>2,231,384</u>
Disbursements:						
Personal services	21,442,268	-	-	-	19,310	-
Supplies	454,580	-	3,747	-	17,582	-
Other services and charges	5,911,321	254,777	36,757	7,850	29,933	843,682
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	418,477	-	-	-	2,775	1,144,185
Utility operating expenses	-	-	-	-	-	-
Other disbursements	296,507	-	-	-	-	1,927,734
Total disbursements	<u>28,523,153</u>	<u>254,777</u>	<u>40,504</u>	<u>7,850</u>	<u>69,600</u>	<u>3,915,601</u>
Excess (deficiency) of receipts over disbursements	<u>6,826,706</u>	<u>1,130,847</u>	<u>423,589</u>	<u>184</u>	<u>77,765</u>	<u>(1,684,217)</u>
Cash and investments - ending	<u>\$ 26,610,114</u>	<u>\$ 5,010,568</u>	<u>\$ 937,985</u>	<u>\$ 14,342</u>	<u>\$ 203,686</u>	<u>\$ 1,713,186</u>

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Building Demolition	Transportation	CDBG	Law Enforcement Continuing Ed	Clerk's Records Perpetuation	Unsafe Building
Cash and investments - beginning	\$ 186,226	\$ 1,473,336	\$ 1,884	\$ 75,461	\$ 22,202	\$ 336,500
Receipts:						
Taxes	-	878,347	-	-	-	-
Licenses and permits	-	-	-	10,570	-	-
Intergovernmental receipts	96,720	1,096,305	1,030,782	685	-	-
Charges for services	-	-	-	-	-	-
Fines and forfeits	-	-	-	43,771	5,963	39,940
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	350,000	10,268	83,949	186	-	53,477
Total receipts	446,720	1,984,920	1,114,731	55,212	5,963	93,417
Disbursements:						
Personal services	-	1,030,023	326,699	-	-	-
Supplies	-	121,053	6,112	2,622	-	-
Other services and charges	317,220	124,465	890,594	26,465	4,715	180,711
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	-	-	-	-	3,240	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	200,000	-	-	220	-	28,611
Total disbursements	517,220	1,275,541	1,223,405	29,307	7,955	209,322
Excess (deficiency) of receipts over disbursements	(70,500)	709,379	(108,674)	25,905	(1,992)	(115,905)
Cash and investments - ending	\$ 115,726	\$ 2,182,715	\$ (106,790)	\$ 101,366	\$ 20,210	\$ 220,595

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Casino/Riverboat	Parks And Recreation	LOIT Special Distribution	Park Nonreverting Capital	Redevelopment Capital	Fire Equipment (Not Debt Service)
Cash and investments - beginning	\$ 9,986,124	\$ 2,157,326	\$ 1,212,046	\$ 1,004	\$ 806,564	\$ 481,210
Receipts:						
Taxes	-	1,758,421	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	13,605,159	33,998	-	-	-	-
Charges for services	-	591,592	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	272,256	30,337	-	-	7,391,881	-
Total receipts	13,877,415	2,414,348	-	-	7,391,881	-
Disbursements:						
Personal services	-	930,027	-	-	-	-
Supplies	136,425	143,367	-	-	-	-
Other services and charges	8,141,211	926,015	504,987	-	817,020	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	4,730,198	518,916	-	-	5,004,391	464,656
Utility operating expenses	-	-	-	-	-	-
Other disbursements	539,655	703,717	565,502	-	-	-
Total disbursements	13,547,489	3,222,042	1,070,489	-	5,821,411	464,656
Excess (deficiency) of receipts over disbursements	329,926	(807,694)	(1,070,489)	-	1,570,470	(464,656)
Cash and investments - ending	\$ 10,316,050	\$ 1,349,632	\$ 141,557	\$ 1,004	\$ 2,377,034	\$ 16,554

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Co Economic Development Income Tax Capital	Cumulative Capital Improvement	Self-Insurance	Police Pension	Fire Pension	City And Town Court Costs
Cash and investments - beginning	\$ 1,134,463	\$ -	\$ 7,349,958	\$ 23,789	\$ 67,579	\$ 2,028
Receipts:						
Taxes	2,781,883	-	-	-	43,141	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	69,422	-	3,564,142	2,289,556	-
Charges for services	-	-	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	-	-	10,596,101	445	454	22,272
Total receipts	<u>2,781,883</u>	<u>69,422</u>	<u>10,596,101</u>	<u>3,564,587</u>	<u>2,333,151</u>	<u>22,272</u>
Disbursements:						
Personal services	-	-	-	-	-	-
Supplies	-	-	-	-	-	-
Other services and charges	-	-	1,514	19,354	18,356	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	-	-	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	<u>2,474,550</u>	-	<u>7,465,006</u>	<u>3,433,300</u>	<u>2,530,322</u>	<u>20,992</u>
Total disbursements	<u>2,474,550</u>	-	<u>7,466,520</u>	<u>3,452,654</u>	<u>2,548,678</u>	<u>20,992</u>
Excess (deficiency) of receipts over disbursements	<u>307,333</u>	<u>69,422</u>	<u>3,129,581</u>	<u>111,933</u>	<u>(215,527)</u>	<u>1,280</u>
Cash and investments - ending	<u>\$ 1,441,796</u>	<u>\$ 69,422</u>	<u>\$ 10,479,539</u>	<u>\$ 135,722</u>	<u>\$ (147,948)</u>	<u>\$ 3,308</u>

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	LOIT Public Safety	Local Development Agreement	TIF US Gypsum	TIF Riley Plaza	Local Police Forfeitures	Harborside Apartments
Cash and investments - beginning	\$ 1,989,364	\$ 6,772,649	\$ 606,031	\$ 49,081	\$ 41,391	\$ 295,723
Receipts:						
Taxes	-	-	1,214,125	87,899	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	2,897,161	-	-	-	-	-
Charges for services	-	-	-	-	-	1,116,251
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	-	3,781,895	-	-	1,247	403,561
Total receipts	2,897,161	3,781,895	1,214,125	87,899	1,247	1,519,812
Disbursements:						
Personal services	2,176,652	-	-	-	-	-
Supplies	-	-	-	-	-	44,134
Other services and charges	-	716,931	-	-	2,436	1,187,019
Debt service - principal and interest	-	1,032,782	1,213,094	97,474	-	-
Capital outlay	-	4,616,725	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	-	-	-	457,295
Total disbursements	2,176,652	6,366,438	1,213,094	97,474	2,436	1,688,448
Excess (deficiency) of receipts over disbursements	720,509	(2,584,543)	1,031	(9,575)	(1,189)	(168,636)
Cash and investments - ending	\$ 2,709,873	\$ 4,188,106	\$ 607,062	\$ 39,506	\$ 40,202	\$ 127,087

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	TIF Northtown Village Townhomes	Home Investment Partnership Program	Corporation Bond and Interest	City of EC Construction Account	TIF Lakeside Garden	Public Works Revolving
Cash and investments - beginning	\$ 71,682	\$ 102,237	\$ 1,240,714	\$ 7,979,533	\$ 283,213	\$ -
Receipts:						
Taxes	140,820	-	-	-	330,153	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	148,489	-	-	-	-
Charges for services	-	16,800	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	-	4,452	2,474,550	2,510	-	8,519,624
Total receipts	140,820	169,741	2,474,550	2,510	330,153	8,519,624
Disbursements:						
Personal services	-	27,194	-	-	-	5,607,749
Supplies	-	100	-	-	-	535,624
Other services and charges	142,092	159,575	1,889	-	247,736	2,376,251
Debt service - principal and interest	-	-	2,473,225	-	-	-
Capital outlay	-	55,697	-	5,731,509	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	-	-	-	-
Total disbursements	142,092	242,566	2,475,114	5,731,509	247,736	8,519,624
Excess (deficiency) of receipts over disbursements	(1,272)	(72,825)	(564)	(5,728,999)	82,417	-
Cash and investments - ending	\$ 70,410	\$ 29,412	\$ 1,240,150	\$ 2,250,534	\$ 365,630	\$ -

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Local Road and Bridge Grant	TIF Annex Allocation Area	Redevelopment Education	General Adult Probation	Federal Grants	State Grant
Cash and investments - beginning	\$ 895,430	\$ 139,658	\$ 100,000	\$ 154,382	\$ 2,337	\$ 34,085
Receipts:						
Taxes	-	339,548	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	670,000	-	-	-	143,247	-
Charges for services	-	133,665	-	-	-	-
Fines and forfeits	-	-	32,722	13,832	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	670,000	-	-	13,411	-	-
Total receipts	1,340,000	473,213	32,722	27,243	143,247	-
Disbursements:						
Personal services	-	-	-	-	-	-
Supplies	-	-	-	4,881	20,683	-
Other services and charges	-	2,100	-	20,159	94,237	-
Debt service - principal and interest	-	312,808	-	-	-	-
Capital outlay	895,430	-	-	15,470	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	-	-	-	-
Total disbursements	895,430	314,908	-	40,510	114,920	-
Excess (deficiency) of receipts over disbursements	444,570	158,305	32,722	(13,267)	28,327	-
Cash and investments - ending	\$ 1,340,000	\$ 297,963	\$ 132,722	\$ 141,115	\$ 30,664	\$ 34,085

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Grant Misc	Summer Youth Training Program	Police Federal Forfeitures	Damage To City Property	Vital Records	City Court Programs
Cash and investments - beginning	\$ 597,928	\$ -	\$ 134,523	\$ 54,588	\$ 277,438	\$ 6,131
Receipts:						
Taxes	-	-	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	125,585	16,131	-	-	-
Charges for services	-	-	-	-	58,398	-
Fines and forfeits	-	-	-	-	-	17,543
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	53,851	-	424	32,393	3,738	19,779
Total receipts	53,851	125,585	16,555	32,393	62,136	37,322
Disbursements:						
Personal services	-	103,928	-	-	-	-
Supplies	13,270	-	1,628	-	7,960	803
Other services and charges	7,236	-	14,978	13,994	7,656	15,600
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	-	-	14,696	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	10,000	-	3,364	-
Total disbursements	20,506	103,928	41,302	13,994	18,980	16,403
Excess (deficiency) of receipts over disbursements	33,345	21,657	(24,747)	18,399	43,156	20,919
Cash and investments - ending	\$ 631,273	\$ 21,657	\$ 109,776	\$ 72,987	\$ 320,594	\$ 27,050

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	EC Petty Cash Accts	Redevelopment Rehab Escrow	Lease Rental Payment	Communications Revolving	Gasoline Revolving	EC Redevelopment
Cash and investments - beginning	\$ 1,825	\$ 3,908	\$ 837,715	\$ (8,520)	\$ (74,120)	\$ 307,064
Receipts:						
Taxes	-	-	2,248,501	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	-	39,236	-	-	-
Charges for services	-	-	-	-	-	46,945
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	377	83,818	-	134,106	688,357	911,737
Total receipts	377	83,818	2,287,737	134,106	688,357	958,682
Disbursements:						
Personal services	-	-	-	-	-	305,483
Supplies	-	-	-	-	637,916	41
Other services and charges	142	-	14,477	133,110	-	146,480
Debt service - principal and interest	-	-	2,178,524	-	-	-
Capital outlay	-	-	-	-	-	80,427
Utility operating expenses	-	-	-	-	-	-
Other disbursements	59	77,231	-	-	-	368,866
Total disbursements	201	77,231	2,193,001	133,110	637,916	901,297
Excess (deficiency) of receipts over disbursements	176	6,587	94,736	996	50,441	57,385
Cash and investments - ending	\$ 2,001	\$ 10,495	\$ 932,451	\$ (7,524)	\$ (23,679)	\$ 364,449

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Payroll Withholding	Health Insurance	Misc Employee Ins	Worker's Compensation	City Clerk	ECSDWW Petty Cash
Cash and investments - beginning	\$ 1,811	\$ 4,642	\$ 61,438	\$ 216	\$ 548,294	\$ 4,976
Receipts:						
Taxes	-	-	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	-	-	-	-	-
Charges for services	-	-	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	66,359,142	4,579,567	2,023	249,476	418,597	28
Total receipts	66,359,142	4,579,567	2,023	249,476	418,597	28
Disbursements:						
Personal services	-	-	-	-	-	-
Supplies	-	-	-	-	-	-
Other services and charges	-	270,023	-	-	-	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	-	-	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	66,358,657	4,307,142	555	249,467	459,592	3
Total disbursements	66,358,657	4,577,165	555	249,467	459,592	3
Excess (deficiency) of receipts over disbursements	485	2,402	1,468	9	(40,995)	25
Cash and investments - ending	\$ 2,296	\$ 7,044	\$ 62,906	\$ 225	\$ 507,299	\$ 5,001

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Sewage Utility Construction	Sewage Utility Bond and Interest	Sewage Debt Service Reserve	Sanitary District Rainy Day	Wastewater Utility-Operating	Wastewater Replacement Reserve
Cash and investments - beginning	\$ 5,352,826	\$ 472,981	\$ 949,726	\$ 614,129	\$ 1,275,903	\$ 1,512,697
Receipts:						
Taxes	-	-	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	-	-	-	-	-
Charges for services	-	-	-	-	7,283,718	-
Fines and forfeits	-	-	-	-	56,800	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	46,716	-
Other receipts	69,358	950,163	9,282	-	40,422	617,700
Total receipts	69,358	950,163	9,282	-	7,427,656	617,700
Disbursements:						
Personal services	-	-	-	-	2,077,384	-
Supplies	-	-	-	-	174,845	-
Other services and charges	202,977	750	-	193,579	2,125,270	225,198
Debt service - principal and interest	-	947,138	-	-	-	-
Capital outlay	-	-	-	-	-	117,773
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	-	-	3,179,054	-
Total disbursements	202,977	947,888	-	193,579	7,556,553	342,971
Excess (deficiency) of receipts over disbursements	(133,619)	2,275	9,282	(193,579)	(128,897)	274,729
Cash and investments - ending	\$ 5,219,207	\$ 475,256	\$ 959,008	\$ 420,550	\$ 1,147,006	\$ 1,787,426

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Storm Water <u>Utility-Operating</u>	Solid Waste-Operating	Solid Waste-Bond And Interest	Sanitary District Revolving	Utilities Revolving	Sanitary State Revolving
Cash and investments - beginning	\$ 769,820	\$ 10,182,592	\$ 333,554	\$ 1,374,791	\$ -	\$ 38,683
Receipts:						
Taxes	-	10,304,068	862,645	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	51,326	3,884	-	-	-
Charges for services	1,264,410	324,589	-	-	-	-
Fines and forfeits	-	1,134	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	1,608,339	126,735	-	154,066	1,127,207	-
Total receipts	2,872,749	10,807,852	866,529	154,066	1,127,207	-
Disbursements:						
Personal services	678,970	27,711	-	-	1,127,207	-
Supplies	6,634	-	-	-	-	-
Other services and charges	251,715	396,603	-	-	-	-
Debt service - principal and interest	-	324,087	840,743	-	-	-
Capital outlay	79,532	934,571	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	1,700,026	7,640,366	-	-	-	-
Total disbursements	2,716,877	9,323,338	840,743	-	1,127,207	-
Excess (deficiency) of receipts over disbursements	155,872	1,484,514	25,786	154,066	-	-
Cash and investments - ending	\$ 925,692	\$ 11,667,106	\$ 359,340	\$ 1,528,857	\$ -	\$ 38,683

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Water Utility Meter Deposit	Water Utility-Operating	Water Tank Refurbishment	Water Utility-Construction	Change Fund
Cash and investments - beginning	\$ 285,934	\$ 182,259	\$ 58,491	\$ 2,487,420	\$ 1,000
Receipts:					
Taxes	-	-	-	-	-
Licenses and permits	-	-	-	-	-
Intergovernmental receipts	-	-	-	-	-
Charges for services	-	-	-	-	-
Fines and forfeits	-	-	-	-	-
Utility fees	-	6,856,302	-	-	-
Penalties	-	37,500	-	-	-
Other receipts	19,107	3,085,230	1,016,560	17,017,537	-
Total receipts	19,107	9,979,032	1,016,560	17,017,537	-
Disbursements:					
Personal services	-	1,093,149	-	-	-
Supplies	-	-	-	-	-
Other services and charges	-	51,468	-	-	-
Debt service - principal and interest	-	-	-	-	-
Capital outlay	-	29,071	-	5,865,923	-
Utility operating expenses	-	2,934,113	289	-	-
Other disbursements	12,965	5,749,043	950,000	817,546	-
Total disbursements	12,965	9,856,844	950,289	6,683,469	-
Excess (deficiency) of receipts over disbursements	6,142	122,188	66,271	10,334,068	-
Cash and investments - ending	\$ 292,076	\$ 304,447	\$ 124,762	\$ 12,821,488	\$ 1,000

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS, AND
CASH AND INVESTMENT BALANCES - REGULATORY BASIS
For the Year Ended December 31, 2018

	Water Utility-Debt Reserve	Water Utility-Bond and Interest	EC Marina	EC Marina Petty Cash Accts	Totals
Cash and investments - beginning	\$ 929,327	\$ 2,978,394	\$ 214,942	\$ 1,350	\$ 106,566,893
Receipts:					
Taxes	-	-	-	-	54,577,651
Licenses and permits	-	-	-	-	781,243
Intergovernmental receipts	-	-	-	-	30,182,923
Charges for services	-	-	1,000,155	-	12,261,723
Fines and forfeits	-	-	-	-	307,343
Utility fees	-	-	-	-	6,856,302
Penalties	-	-	-	-	84,216
Other receipts	925,297	3,639,013	18,649	2,487	139,053,094
Total receipts	925,297	3,639,013	1,018,804	2,487	244,104,495
Disbursements:					
Personal services	-	-	580,372	-	37,554,126
Supplies	-	-	70,150	-	2,404,157
Other services and charges	-	-	273,177	2,337	28,354,142
Debt service - principal and interest	-	3,253,351	-	-	12,673,226
Capital outlay	-	-	-	-	30,723,662
Utility operating expenses	-	-	-	-	2,934,402
Other disbursements	207,166	372,879	13,550	-	113,120,942
Total disbursements	207,166	3,626,230	937,249	2,337	227,764,657
Excess (deficiency) of receipts over disbursements	718,131	12,783	81,555	150	16,339,838
Cash and investments - ending	\$ 1,647,458	\$ 2,991,177	\$ 296,497	\$ 1,500	\$ 122,906,731

CITY OF EAST CHICAGO
SCHEDULE OF PAYABLES AND RECEIVABLES
December 31, 2018

<u>Government or Enterprise</u>	<u>Accounts Payable</u>	<u>Accounts Receivable</u>
Sanitary District	\$ 979,894	\$ 937,903
Water	664,969	832,832
Marina	12,031	-
Governmental activities	<u>3,633,271</u>	<u>2,910,804</u>
Totals	<u>\$ 5,290,165</u>	<u>\$ 4,681,539</u>

CITY OF EAST CHICAGO
SCHEDULE OF LEASES AND DEBT
December 31, 2018

Lessor	Purpose	Annual Lease Payment	Lease Beginning Date	Lease Ending Date
Governmental activities: East Chicago Municipal Building Corporation	Public Safety Facility	\$ 2,190,000	01/05/2017	01/05/2024
Sanitary District: KS State Bank	ECSD Vactor Sewer Cleaner Lease Purchase	104,175	04/01/2017	04/01/2019
Total of annual lease payments		<u>\$ 2,294,175</u>		

Type	Description of Debt	Ending Principal Balance	Principal and Interest Due Within One Year
Governmental activities:			
Revenue bonds	EC General Obligation Bonds Series 2015 Community Centers	\$ 5,920,000	\$ 2,475,350
Revenue bonds	Redevelopment Tax Increment Financing Bonds 1999 USG Project	1,344,953	2,846,000
Revenue bonds	Taxable Economic Development Revenue Bond Series 2007A Riley Plaza Project	1,145,000	132,100
Revenue bonds	Taxable Economic Development Revenue Bonds Series 2015 (Hoist Lift Mfg.)	<u>2,755,000</u>	<u>319,145</u>
Total governmental activities		<u>11,164,953</u>	<u>5,772,595</u>
Sanitary District:			
General obligation bonds	State Revolving Fund (SRF) Loan 1996 Pump Station Improvements & WWTF Modifications	830,000	842,035
Revenue bonds	Sanitary District Revenue Bonds Series 2015 Improvements to Wastewater Plant	<u>11,825,000</u>	<u>946,538</u>
Total Sanitary District		<u>12,655,000</u>	<u>1,788,573</u>
Water:			
Revenue bonds	State Revolving Fund (SRF) Loan 2002 Water Utility Improvements	620,000	131,313
Revenue bonds	State Revolving Fund (SRF) Loan 2006 New Water Filtration Plant	9,295,000	1,253,606
Revenue bonds	State Revolving Fund (SRF) Loan 2009 New Water Filtration Plant	17,535,000	1,858,274
Revenue bonds	State Revolving Fund (SRF) Loan 2017 Meter Replacement Modeling Software Engineering Costs	3,850,000	86,625
Revenue bonds	State Revolving Fund (SRF) Loan 2018A Lead Replacement Costs Bond Issuance Costs	3,100,000	12,392
Revenue bonds	State Revolving Fund (SRF) Loan 2018B Two Water Storage Tanks Meter Installation Fire Hydrants Water Filling Station	<u>11,050,000</u>	<u>44,173</u>
Total Water		<u>45,450,000</u>	<u>3,386,383</u>
Totals		<u>\$ 69,269,953</u>	<u>\$ 10,947,551</u>

CITY OF EAST CHICAGO
SCHEDULE OF CAPITAL ASSETS
December 31, 2018

Capital assets are reported at actual or estimated historical cost based on appraisals or deflated current replacement cost. Contributed or donated assets are reported at estimated fair value at the time received.

Ending balance reported is net accumulated depreciation

	Ending Balance
Governmental activities:	
Land	\$ 6,296,469
Infrastructure	35,823,372
Buildings	35,969,403
Improvements other than buildings	3,426,893
Machinery, equipment, and vehicles	4,931,710
Construction in progress	49,513,700
Total governmental activities	135,961,547
Sanitary District:	
Land	885,268
Buildings	12,341,220
Improvements other than buildings	7,131,168
Machinery, equipment, and vehicles	3,293,209
Construction in progress	6,708,637
Total Sanitary District	30,359,502
Water:	
Land	249,859
Buildings	110,920
Improvements other than buildings	7,162,005
Machinery, equipment, and vehicles	33,606
Construction in progress	61,606,691
Total Water	69,163,081
Marina:	
Land	1,020,000
Buildings	4,851,387
Improvements other than buildings	251,651
Machinery, equipment, and vehicles	10,777
Construction in progress	1,456,792
Total Marina	7,590,607
Total capital assets	\$ 243,074,737

SUPPLEMENTAL AUDIT OF
FEDERAL AWARDS



STATE OF INDIANA

AN EQUAL OPPORTUNITY EMPLOYER

STATE BOARD OF ACCOUNTS
302 WEST WASHINGTON STREET
ROOM E418
INDIANAPOLIS, INDIANA 46204-2769

Telephone: (317) 232-2513
Fax: (317) 232-4711
Web Site: www.in.gov/sboa

INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR FEDERAL PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE

TO: THE OFFICIALS OF THE CITY OF EAST CHICAGO, LAKE COUNTY, INDIANA

Report on Compliance for Each Major Federal Program

We have audited the City of East Chicago's (City) compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2018. The City's major federal programs are identified in the Summary of Auditor's Results section of the accompanying Schedule of Findings and Questioned Costs.

Management's Responsibility

Management is responsible for compliance with federal statutes, regulations, and the terms and conditions of its federal awards applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the City's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the City's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the City's compliance.

Opinion on Each Major Federal Program

In our opinion, the City complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended December 31, 2018.

INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR FEDERAL
PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE
(Continued)


Report on Internal Control over Compliance

Management of the City is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the City's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing our opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the City's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.


Paul D. Joyce, CPA
State Examiner

June 12, 2019

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SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS AND ACCOMPANYING NOTES

The Schedule of Expenditures of Federal Awards and accompanying notes presented were prepared by management of the City. The schedule and notes are presented as intended by the City.

CITY OF EAST CHICAGO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the Year Ended December 31, 2018

Federal Grantor Agency/Pass-Through Entity Cluster Title/Program Title/Project Title	Federal CFDA Number	Pass-Through Entity (Or Other) Identifying Number	Pass-Through To Subrecipient	Total Federal Awards Expended
<u>U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT</u>				
Pass-Through Indiana Housing and Community Development Authority Housing Counseling Assistance Program	14.169	2014D1-BEP-001 2016D1-BEP-201	\$ - -	\$ 33,760 288,410
Total for program			-	322,170
Direct Grants				
Section 8 Project-Based Cluster				
Section 8 Housing Assistance Payments Program	14.195	IN36L0002278 & IN36M000280	-	768,286
Total for cluster			-	768,286
Direct Grants				
CDBG - Entitlement Grants Cluster				
Community Development Block Grants/Entitlement Grants	14.218	B-14-MC-180004 B-15-MC-180004 B-16-MC-180004 B-17-MC-180004	- - 28,813 16,457	71,071 71,932 528,010 359,769
Total for cluster			45,270	1,030,782
Direct Grants				
HOME Investment Partnerships Program	14.239	M-12-MC-180210 M-13-MC-180210 M-14-MC-180210 M-16-MC-180210 M-17-MC-180210	- - - - -	46,686 49,908 21,491 15,285 15,118
Total for program			-	148,488
Total for federal grantor agency			45,270	2,269,726
<u>U.S. DEPARTMENT OF JUSTICE</u>				
Pass-Through the City of South Bend Project Safe Neighborhoods	16.609	2014-GP-BX-0002	-	13,094
Direct Grants				
Equitable Sharing Program	16.922	FY 2018	-	41,303
Total for federal grantor agency			-	54,397

CITY OF EAST CHICAGO
SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
For the Year Ended December 31, 2018

Federal Grantor Agency/Pass-Through Entity Cluster Title/Program Title/Project Title	Federal CFDA Number	Pass-Through Entity (Or Other) Identifying Number	Pass-Through To Subrecipient	Total Federal Awards Expended
<u>U.S. DEPARTMENT OF TRANSPORTATION</u>				
Pass-Through Northwestern Indiana Regional Planning Commission				
Federal Transit Cluster				
Federal Transit Formula Grants	20.507	IN-90-X667	-	201,166
		IN-95-X035	-	65,057
		IN-2016-033	-	42,534
		IN-2017-027	-	21,441
		IN-2018-026	-	389,171
Total for cluster			-	719,369
Total for federal grantor agency			-	719,369
<u>U.S. ENVIRONMENTAL PROTECTION AGENCY</u>				
Pass-Through Indiana Finance Authority				
Drinking Water State Revolving Fund Cluster				
Capitalization Grants for Drinking Water State Revolving Funds	66.468	DW16164504/DW16164505	-	2,483,158
		DW16164505/DW16154506	-	3,347,427
Total for cluster			-	5,830,585
Direct Grants				
Great Lakes Program	66.469	00E01972	-	44,350
Pass-Through Indiana Department of Environmental Management				
Beach Monitoring and Notification Program Implementation Grants	66.472	CU-07E73102	-	23,838
Total for federal grantor agency			-	5,898,773
<u>U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES</u>				
Pass-Through Indiana Department of Health				
Hospital Preparedness Program (HPP) and Public Health Emergency	93.074	U90TP000521/16068 BASE(Ext)	-	15,118
Preparedness (PHEP) Aligned Cooperative Agreements		U90TP000521/16068 CRI (Ext)	-	22,129
		U90TP000521/16068 LEAD	-	71,797
		U90TP000521/13796 EBOLA	-	10,751
		U90TP000521/26862 CRI	-	431
Total for Program			-	120,226
Total for federal grantor agency			-	120,226
Total federal awards expended			\$ 45,270	\$ 9,062,491

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

CITY OF EAST CHICAGO
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Note 1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (SEFA) includes the federal grant activity of the City under programs of the federal government for the year ended December 31, 2018. The information in the SEFA is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*. Because the SEFA presents only a select portion of the operations of the City, it is not intended to and does not present the financial position of the City.

Note 2. Summary of Significant Accounting Policies

Expenditures reported on the SEFA are reported on the accrual basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles in OMB Circular A-87, *Cost Principles for State, Local, and Indian Tribal Governments*, or the cost principles contained in Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, wherein certain types of expenditures are not allowed or are limited as to reimbursement. The City has elected not to use the 10 percent de minimis indirect cost rate allowed under the Uniform Guidance.

CITY OF EAST CHICAGO
SCHEDULE OF FINDINGS AND QUESTIONED COSTS

Section I - Summary of Auditor's Results

Financial Statement:

Type of auditor's report issued:	Adverse as to GAAP; Unmodified as to Regulatory Basis
Internal control over financial reporting:	
Material weakness identified?	no
Significant deficiency identified?	none reported
Noncompliance material to financial statement noted?	no

Federal Awards:

Internal control over major programs:	
Material weakness identified?	no
Significant deficiency identified?	none reported
Any audit finding disclosed that are required to be reported in accordance with section 2 CFR 200.516(a)?	no

Identification of Major Programs and type of auditor's report issued on compliance for each:

<u>Name of Federal Program or Cluster</u>	<u>Opinion Issued</u>
Section 8 Project-Based Cluster	Unmodified
Drinking Water State Revolving Fund Cluster	Unmodified
Dollar threshold used to distinguish between Type A and Type B programs: \$750,000	
Auditee qualified as low-risk auditee?	no

Section II - Financial Statement Findings

No matters are reportable.

Section III - Federal Award Findings and Questioned Costs

No matters are reportable.

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AUDITEE-PREPARED DOCUMENT

The subsequent document was provided by management of the City. The document is presented as intended by the City.



City of East Chicago

Administrative Services Division

4525 Indianapolis Blvd. East Chicago, Indiana 46312

Phone: (219) 391-8220

Facsimile: (219) 391-8223

Anthony Copeland
Mayor

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

FINDING 2017-001

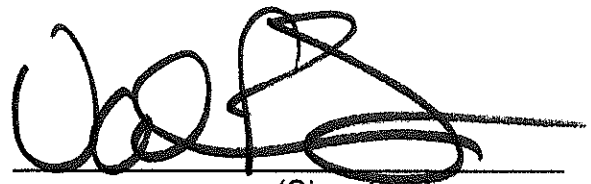
Fiscal year in which the finding initially occurred: 2017

Contact Person Responsible for Corrective Action: Valeriano Gomez

Contact Phone Number: (219) 391-8220

Status of Audit Finding:

On February 13, 2019 the City of East Chicago, through its Board of Public Works, entered into an agreement with Thomas Dabertin (Shared Resource Solutions, Inc) to assist in maintaining the reporting standards required under the Schedule of Expenditures of Federal Awards.


(Signature)

city Controller
(Title)

23 May 2019
(Date)

City of East Chicago



Department of Redevelopment
4525 Indianapolis Boulevard
East Chicago, IN 46312
Ph: (219) 391-8513 • Fax: (219) 391-7005

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

FINDING 2017-002

Fiscal year in which the finding initially occurred: 2017

Pass-Through Entity, if pass-through or Federal Grantor Agency, if direct: U.S. Department of Housing and Urban Development (HUD)

Contact Person Responsible for Corrective Action: Frank Rivera, Executive Director – Department of Redevelopment

Contact Phone Number: (219) 391-8513

Status of Audit Finding:

The City of East Chicago Department of Redevelopment (ECDR) has established in conjunction with RMC Professional Property Management team an effective internal and external control systems related to the grant agreement and the compliance requirements ensuring that the compliance checklist is submitted by the management company and reviewed internally by the department. The utilization of the transparent check list entitled the "Monthly Report for Harborside Apartments" requires a litany of documentation submitted on the fifteenth (15th) of every month. Internal and external controls have been established between ECDR and RMC regulating the administration of the oversight bodies and management of the federal funds. Separation of duties are identify clearly and that the roles of responsibilities of the oversight agents assigned to the task of managing the funds are apparent to reduce the risk of potential financial problems.


(Signature)

Executive Director
(Title)

05/16/2019
(Date)

(Note to Officials: To determine what audit findings are required to be reported in the Summary Schedule of Prior Audit Findings, please see U.S. Office of Management and Budget (OMB), Circular A-133, Subpart C, section .315(b) for audit periods beginning before December 26, 2014. For audit periods beginning after December 26, 2014, please see 2 CFR §200.511(b).)

City of East Chicago



Department of Redevelopment
4525 Indianapolis Boulevard
East Chicago, IN 46312
Ph: (219) 391-8513 • Fax: (219) 391-7005

SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

FINDING 2017-003

Fiscal year in which the finding initially occurred: 2017
Pass-Through Entity, if pass-through or Federal Grantor Agency, if direct: U.S. Department of Housing and Urban Development (HUD)
Contact Person Responsible for Corrective Action: Frank Rivera, Executive Director – Department of Redevelopment
Contact Phone Number: (219) 391-8513

Status of Audit Finding:

The City of East Chicago Department of Redevelopment (ECDR) is developing effective internal control systems related to the grant agreement and eligibility compliance requirements that RMC Property Management takes on an applicant who is eligible with exact local income limits depending on the number of people in the household. ECDR is developing a check off list for applicants to ensure eligibility is being determined according to the established HUD requirements and the list will consist of the following: determination of the selection of families, verification of income and social security numbers, signed consent forms to obtain State wages, criminal history check for each adult that will be occupying the unit, amount of tenant rent, and other applicable information.


(Signature)

Executive Director
(Title)

05/16/2019
(Date)

(Note to Officials: To determine what audit findings are required to be reported in the Summary Schedule of Prior Audit Findings, please see U.S. Office of Management and Budget (OMB), Circular A-133, Subpart C, section .315(b) for audit periods beginning before December 26, 2014. For audit periods beginning after December 26, 2014, please see 2 CFR §200.511(b).)

City of East Chicago



Department of Redevelopment
4525 Indianapolis Boulevard
East Chicago, IN 46312
Ph: (219) 391-8513 • Fax: (219) 391-7005


SUMMARY SCHEDULE OF PRIOR AUDIT FINDINGS

FINDING 2017-004

Fiscal year in which the finding initially occurred: 2017
Pass-Through Entity, if pass-through or Federal Grantor Agency, if direct: U.S. Department of Housing and Urban Development (HUD)
Contact Person Responsible for Corrective Action: Frank Rivera, Executive Director – Department of Redevelopment
Contact Phone Number: (219) 391-8513

Status of Audit Finding:

The City of East Chicago Department of Redevelopment along with the RMC Property Management has identified and addressed the fact that all units will be inspected at lease-up with the use of an inspection sheet signed by all parties before the resident moves in or moves-out and an annual certification process is completed according to the lease agreement ensuring that each unit is inspected on an annual basis. Spot inspections are also conducted and a notice along with a door tag are implemented for the inspection and the inspection happens when the management team (RMC) has legitimate reasons that the lease agreement is in violation. The identified inspections conducted by RMC utilizes the Special Tests and Provisions-Uniform Physical Condition Standards (UPSC) as required by HUD.


(Signature)

Executive Director
(Title)

05/16/2019
(Date)

(Note to Officials: To determine what audit findings are required to be reported in the Summary Schedule of Prior Audit Findings, please see U.S. Office of Management and Budget (OMB), Circular A-133, Subpart C, section .315(b) for audit periods beginning before December 26, 2014. For audit periods beginning after December 26, 2014, please see 2 CFR §200.511(b).)

OTHER REPORTS

In addition to this report, other reports may have been issued for the City. All reports can be found on the Indiana State Board of Accounts' website: <http://www.in.gov/sboa/>.



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Springsted and Umbaugh

Baker Tilly Municipal Advisors, LLC
8365 Keystone Crossing, Ste 300
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United States of America

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bakertilly.com

June 3, 2020

Dr. Abderrahman Zehraoui
Director of Utilities
East Chicago Sanitary District
5201 Indianapolis Blvd.
East Chicago, Indiana 46312

Mr. Valeriano Gomez
Controller
City of East Chicago
4257 Indianapolis Blvd.
East Chicago, Indiana 46312

Re: East Chicago (Indiana) Sanitary District (the "District")
\$8,300,000 Sanitary District Revenue Bond Anticipation Notes of 2020

Dear Dr. Zehraoui and Mr. Gomez:

The purpose of this letter is to provide financial information that will be useful to local officials, administrative personnel, attorneys, the Lender and others following the sale of the Sanitary District Revenue Bond Anticipation Notes of 2020 (the "BANs"). This letter should serve as a resource regarding the closing of the BANs, the distribution of the BAN proceeds and the repayment of the BANs.

Sale Results

The BANs were privately placed on May 21, 2020 with First Merchants Bank (the "Lender"). The Lender offered an interest rate of 1.75%.

Delivery of the BANs

The BAN closing is to be held on June 4, 2020. The amount of BAN proceeds to be deposited to the East Chicago Sanitary District construction account with First Merchants Bank is \$8,300,000.00.

BAN Repayment

The BANs are dated June 4, 2020 and have a maturity date of June 4, 2023. The BANs will bear interest at the annual rate of 1.75%, based on a 360-day year. The amortization schedule is attached. Interest will be payable from the net revenues of the Sanitary District's Sewage Works and are due on January 15th of each year and upon maturity on June 4, 2023 or through optional redemption, whichever occurs sooner. Principal will be payable at maturity or upon redemption.

Distribution of Funds

Bond Resolution No. SD19-22 (the "Bond Resolution"), places requirements on the funds of the Sanitary District and the allocation of the revenues collected. According to Section 10 of the Bond Resolution, the BAN proceeds should be deposited in the East Chicago Sanitary District Sewage Works Construction Account.

All revenues derived from the operation of the Sanitary District and from the collection of sewer rates and charges should be deposited in the Revenue Fund in accordance with Section 11 of the Bond Resolution.

On or before the last day of each month, revenue of the Sanitary District shall be transferred from the Revenue Fund to the Operation and Maintenance Fund. The

Dr. Abderrahman Zehraoui, Director of Utilities
Mr. Valeriano Gomez, Controller
East Chicago Sanitary District
June 3, 2020
Page 4

balance in the Operation and Maintenance Fund should be maintained at a level to pay the expenses of operation, repair and maintenance for the next two months'. Based upon 2019 cash operating expenses, this amount should equal approximately \$810,100 during 2020. This requirement is found in Section 11 of the Bond Resolution.

After the requirement of the Operation and Maintenance Fund is met, revenues should be credited to the Sinking Fund, which consists of a Bond and Interest Account and a Reserve Account. Monthly transfers should be made to the Bond and Interest Account (a) first in an amount equal to 1/6th of the next scheduled principal and interest payment date on the 2015 Bonds, and (b) second, after making the monthly transfer for the 2015 Bonds, then in an amount equal to 1/12th of the next scheduled interest payment on the BANs (see the attached Schedule of Monthly Transfers to Bond and Interest Account). The bank fiscal agency charges may also be paid from the Bond and Interest Account. These requirements are in accordance with Section 12 (b) of the Bond Resolution.

The Reserve Account Reserve Requirement is equal to \$949,062.50 and has been funded prior to closing on the BANs. No additional transfers to this account should be made unless the balance falls below \$949,062.50. This requirement is in accordance with section 12 (c) of the Bond Resolution.

So long as all required payments into the Sinking Fund have been met to date, and funds in an amount sufficient for operation, repair and maintenance for a two (2) month period have been accumulated and reserved for that purpose in the Operation and Maintenance Fund, then any excess Net Revenues may be transferred into a fund for improvements, replacements, additions, and extensions to the Sanitary District (the "Improvement Fund"). Moneys in the Improvement Fund may be transferred to the Sinking Fund to prevent a default on outstanding bonds. Moneys in the Improvement Fund also may be transferred to the Operation and Maintenance Fund to meet unforeseen expenses in the operation and maintenance of the Sanitary District. This is in accordance with Section 13 of the Bond Resolution.

Redemption Provisions

Commencing one year after their date of issuance, the BANs are prepayable by the District in whole or in part, on any date, upon 30 days' notice to the owner of the 2020 BANs, with no premium.

Post Issuance Compliance – Arbitrage Rebate Services

The gross proceeds of the BANs are subject to Internal Revenue Code Section 148 covering calculations and reporting of arbitrage rebate. We would be pleased to assist you in meeting these requirements.

Dr. Abderrahman Zehraoui, Director of Utilities
Mr. Valeriano Gomez, Controller
East Chicago Sanitary District
June 3, 2020
Page 3

We take satisfaction in having the opportunity to be part of this endeavor, and we extend our appreciation to all those who were of assistance. Please feel free to call if you have any questions or need additional information.

Very truly yours,

BAKER TILLY MUNICIPAL ADVISORS, LLC



Andre J. Riley, Director

AJR/bjg

Enclosures

cc: Board of Sanitary Commissioners
Honorable Anthony Copeland, Mayor
Mr. Joseph Allegreti, Attorney At Law
Ms. Kim Anderson, Deputy Controller
Mr. Jim Bennett, Local Advisor
Mr. William Biller, Financial Consultant
Ms. Karen Franklin, Bank of New York Mellon Trust Company, N.A
Ms. Winna Guzman, Director
Mr. Francis Kelley, First Merchants Bank
Mr. Kenneth L. Myers, Compliance Manager
Mr. Jacob McClellan, Bose McKinney & Evans LLP
Ms. Deborah Milne, First Merchants Bank
Mr. Scott Peck, Faegre Drinker Biddle & Reath LLP
Ms. Donna Short, Bank of New York Mellon Trust Company, N.A
Mr. Connor Stroke, First Merchants Bank

EAST CHICAGO (INDIANA) SANITARY DISTRICT

\$8,300,000 SANITARY DISTRICT REVENUE BOND ANTICIPATION NOTES OF 2020

Dated: June 4, 2020

Debt Service Schedule

Date	Bond Balance	Principal	Coupon	Interest	Total Debt Service	Fiscal Total
01/15/2021	\$8,300,000.00			\$89,167.36	\$89,167.36	\$89,167.36
01/15/2022	8,300,000.00			145,250.00	145,250.00	145,250.00
01/15/2023	8,300,000.00			145,250.00	145,250.00	145,250.00
06/04/2023	8,300,000.00	\$8,300,000.00	1.750%	56,082.64	8,356,082.64	8,356,082.64
Total		\$8,300,000.00		\$435,750.00	\$8,735,750.00	\$8,735,750.00

Yield Statistics

Bond Year Dollars	\$24,900.00
Average Life	3.000 Years
Average Coupon	1.7500000%
Net Interest Cost (NIC)	1.7500000%
True Interest Cost (TIC)	1.7447996%
Bond Yield for Arbitrage Purposes	1.7447996%
All Inclusive Cost (AIC)	2.3705907%

IRS Form 8038

Net Interest Cost	1.7500000%
Weighted Average Maturity	3.000 Years

EAST CHICAGO (INDIANA) SANITARY DISTRICT

\$8,300,000 SANITARY DISTRICT REVENUE BOND ANTICIPATION NOTES OF 2020

Dated: June 4, 2020

Pricing Summary

Maturity	Type of Bond	Coupon	Yield	Maturity Value	Price	Dollar Price
06/04/2023	Serial Coupon	1.750%	1.750%	\$8,300,000.00	100.000%	\$8,300,000.00
Total				\$8,300,000.00		\$8,300,000.00

Bid Information

Par Amount of Bonds	\$8,300,000.00
Gross Production	\$8,300,000.00
Bid (100.000%)	8,300,000.00
Total Purchase Price	\$8,300,000.00
Bond Year Dollars	\$24,900.00
Average Life	3.000 Years
Average Coupon	1.7500000%
Net Interest Cost (NIC)	1.7500000%
True Interest Cost (TIC)	1.7447996%

EAST CHICAGO (INDIANA) SANITARY DISTRICT

\$8,300,000 SANITARY DISTRICT REVENUE BOND ANTICIPATION NOTES OF 2020

Dated: June 4, 2020

Proof of Bond Yield @ 1.7447996%

Date	Cashflow	PV Factor	Present Value	Cumulative PV
06/04/2020		1.0000000x		
01/15/2021	\$89,167.36	0.9893920x	\$88,221.47	\$88,221.47
01/15/2022	145,250.00	0.9723524x	141,234.18	229,455.66
01/15/2023	145,250.00	0.9556062x	138,801.81	368,257.46
06/04/2023	8,356,082.64	0.9492178x	7,931,742.54	8,300,000.00
Total	\$8,735,750.00		\$8,300,000.00	

Derivation Of Target Amount

Par Amount of Bonds	\$8,300,000.00
Original Issue Proceeds	\$8,300,000.00

EAST CHICAGO (INDIANA) SANITARY DISTRICT

\$8,300,000 SANITARY DISTRICT REVENUE BOND ANTICIPATION NOTES OF 2020

Dated: June 4, 2020

Derivation Of Form 8038 Yield Statistics

Maturity	Issuance Value	Coupon	Price	Issuance Price	Exponent	Bond Years
06/04/2023	\$8,300,000.00	1.750%	100.000%	8,300,000.00	3.0000000x	\$24,900,000.00
Total	\$8,300,000.00			\$8,300,000.00		\$24,900,000.00

Description of Bonds

Final Maturity Date	6/04/2023
Issue price of entire issue	8,300,000.00
Stated Redemption at Maturity	8,300,000.00
Weighted Average Maturity = Bond Years/Issue Price	3.000 Years
Bond Yield for Arbitrage Purposes	1.7447996%

Uses of Proceeds of Issue

Proceeds used for accrued interest	-
Proceeds used for bond issuance costs (including underwriters' discount)	150,000.00
Proceeds used for credit enhancement	-
Proceeds allocated to reasonably required reserve or replacement fund	-

**EAST CHICAGO (INDIANA) SANITARY DISTRICT
(Sewage Works)**

SCHEDULE OF MONTHLY TRANSFERS TO BOND AND INTEREST ACCOUNT

Transfers Each Month For the Period		2015 Bonds		2015 Bonds	2020 BANS (1)		2020 BANS	Total Monthly Transfer
From	To	Principal	Interest		Principal	Interest		
01/01/20	06/30/20	\$45,834	\$33,043	\$78,877	\$ -	\$12,739 (2)	\$12,739	\$91,616
07/01/20	12/30/20	46,667	32,356	79,023	-	12,739	12,739	91,762
01/01/21	06/30/21	47,500	31,656	79,156	-	12,105	12,105	91,261
07/01/21	12/30/21	48,334	30,943	79,277	-	12,105	12,105	91,382
01/01/22	06/30/22	48,334	30,218	78,552	-	12,105	12,105	90,657
07/01/22	12/30/22	49,167	29,493	78,660	-	12,105	12,105	90,765
01/01/23	06/30/23	50,000	28,756	78,756	-	11,217 (3)	11,217	89,973
07/01/23	12/30/23	50,834	28,006	78,840				78,840
01/01/24	06/30/24	51,667	27,243	78,910				78,910
07/01/24	12/30/24	52,500	26,468	78,968				78,968
01/01/25	06/30/25	53,334	25,648	78,982				78,982
07/01/25	12/30/25	54,167	24,815	78,982				78,982
01/01/26	06/30/26	55,000	23,934	78,934				78,934
07/01/26	12/30/26	55,834	23,041	78,875				78,875
01/01/27	06/30/27	56,667	22,098	78,765				78,765
07/01/27	12/30/27	57,500	21,142	78,642				78,642
01/01/28	06/30/28	59,167	20,136	79,303				79,303
07/01/28	12/30/28	60,000	19,100	79,100				79,100
01/01/29	06/30/29	60,834	17,900	78,734				78,734
07/01/29	12/30/29	62,500	16,684	79,184				79,184
01/01/30	06/30/30	63,334	15,434	78,768				78,768
07/01/30	12/30/30	65,000	14,167	79,167				79,167
01/01/31	06/30/31	65,834	12,867	78,701				78,701
07/01/31	12/30/31	67,500	11,550	79,050				79,050
01/01/32	06/30/32	68,334	10,200	78,534				78,534
07/01/32	12/30/32	70,000	8,834	78,834				78,834
01/01/33	06/30/33	71,667	7,434	79,101				79,101
07/01/33	12/30/33	72,500	6,000	78,500				78,500
01/01/34	06/30/34	74,167	4,550	78,717				78,717
07/01/34	12/30/34	75,834	3,067	78,901				78,901
01/01/35	06/30/35	77,500	1,550	79,050				79,050

(1) Transfer amounts for the 2020 BANS are for interest only and assume the BAN is not redeemed before maturity. If the BAN is redeemed before maturity on June 4, 2023, interest transfers for the 2020 BANS will no longer be necessary.

(2) Transfer amount beginning June 2020 for the 2020 BANS.

(3) There will be five monthly transfers during the period of January - June 2023 leading up to the maturity of the 2020 BANS on June 4, 2023.

STATE BOARD OF ACCOUNTS
302 West Washington Street
Room E418
INDIANAPOLIS, INDIANA 46204-2769

FINANCIAL STATEMENT AUDIT REPORT

OF

CITY OF EAST CHICAGO

LAKE COUNTY, INDIANA

January 1, 2020 to December 31, 2020



FILED
09/14/2021

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SCHEDULE OF OFFICIALS

<u>Office</u>	<u>Official</u>	<u>Term</u>
Controller	Valeriano Gomez	01-01-20 to 12-31-21
Mayor	Anthony Copeland	01-01-20 to 12-31-21
President of the Board of Public Works	Valeriano Gomez	01-01-20 to 12-31-21
President of the Common Council	Robert Garcia Emiliano Perez	01-01-20 to 12-31-20 01-01-21 to 12-31-21



STATE OF INDIANA

AN EQUAL OPPORTUNITY EMPLOYER

STATE BOARD OF ACCOUNTS
302 WEST WASHINGTON STREET
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INDEPENDENT AUDITOR'S REPORT

TO: THE OFFICIALS OF THE CITY OF EAST CHICAGO, LAKE COUNTY, INDIANA

Report on the Financial Statement

We have audited the accompanying financial statement of the City of East Chicago (City), which comprises the financial position and results of operations for the year ended December 31, 2020, and the related notes to the financial statement as listed in the Table of Contents.

Management's Responsibility for the Financial Statement

Management is responsible for the preparation and fair presentation of this financial statement in accordance with the financial reporting provisions of the Indiana State Board of Accounts as allowed by state statute (IC 5-11-1-6). Management is responsible for and has determined that the regulatory basis of accounting, as established by the Indiana State Board of Accounts, is an acceptable basis of presentation. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the financial statement that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on this financial statement based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statement is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statement. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statement, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the City's preparation and fair presentation of the financial statement in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statement.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

INDEPENDENT AUDITOR'S REPORT
(Continued)

Basis for Adverse Opinion on U.S. Generally Accepted Accounting Principles

As discussed in Note 1 to the financial statement, the City prepares its financial statement on the prescribed basis of accounting that demonstrates compliance with the reporting requirements established by the Indiana State Board of Accounts as allowed by state statute (IC 5-11-1-6), which is a basis of accounting other than accounting principles generally accepted in the United States of America.

The effects on the financial statement of the variances between the regulatory basis of accounting described in Note 1 and accounting principles generally accepted in the United States of America, although not reasonably determinable, are presumed to be material.

Adverse Opinion on U.S. Generally Accepted Accounting Principles

In our opinion, because of the significance of the matter discussed in the *Basis for Adverse Opinion on U.S. Generally Accepted Accounting Principles* paragraph, the financial statement referred to above does not present fairly, in accordance with accounting principles generally accepted in the United States of America, the financial position and results of operations of the City for the year ended December 31, 2020.

Opinion on Regulatory Basis of Accounting

In our opinion, the financial statement referred to above presents fairly, in all material respects, the financial position and results of operations of the City for the year ended December 31, 2020, in accordance with the financial reporting provisions of the Indiana State Board of Accounts described in Note 1.


Other Matters

Other Information

Our audit was conducted for the purpose of forming an opinion on the City's financial statement. The Combining Schedule of Receipts, Disbursements, and Cash and Investment Balances - Regulatory Basis, Schedule of Payables and Receivables, Schedule of Leases and Debt, and Schedule of Capital Assets, as listed in the Table of Contents, are presented for additional analysis and are not required parts of the financial statement. They have not been subjected to the auditing procedures applied by us in the audit of the financial statement, and, accordingly, we express no opinion on them.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued a report dated August 19, 2021, on our consideration of the City's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements, and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on the effectiveness of the City's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the City's internal control over financial reporting and compliance.


Paul D. Joyce, CPA
State Examiner

August 19, 2021

FINANCIAL STATEMENT AND ACCOMPANYING NOTES

The financial statement and accompanying notes were approved by management of the City. The financial statement and notes are presented as intended by the City.



CITY OF EAST CHICAGO
STATEMENT OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

Fund	Cash and Investments 01-01-20	Receipts	Disbursements	Cash and Investments 12-31-20
General	\$ 31,326,423	\$ 34,884,116	\$ 32,203,458	\$ 34,007,081
Motor Vehicle Highway	5,276,754	563,665	124,435	5,715,984
Local Road And Street	1,137,288	458,668	316,409	1,279,547
MVH Restricted	639,117	563,665	-	1,202,782
Park Nonreverting Operating	13,469	125	125	13,469
Health Maintenance	291,312	36,122	30,833	296,601
Lakefront TIF (Economic Development)	1,841,905	2,201,591	1,666,072	2,377,424
Building Demolition	10,196	995,266	994,547	10,915
Transportation	2,252,764	1,462,966	1,173,276	2,542,454
CDBG	(91,510)	1,101,478	1,005,452	4,516
Law Enforcement Continuing Ed	84,188	57,684	56,673	85,199
Clerk's Records Perpetuation	23,419	4,635	-	28,054
Unsafe Building	202,944	821,510	764,867	259,587
Casino/Riverboat	11,017,480	9,280,383	11,107,027	9,190,836
Parks And Recreation	1,786,143	3,354,091	2,965,625	2,174,609
LOIT Special Distribution	77,158	-	-	77,158
Redevelopment Capital	1,542,720	2,419,330	2,489,775	1,472,275
Fire Equipment (Not Debt Service)	10,542	-	10,542	-
Co Economic Development Income Tax Capital	1,913,121	3,413,567	2,566,484	2,760,204
Cumulative Capital Improvement	130,801	64,393	-	195,194
Self-Insurance	13,176,621	10,560,283	8,788,836	14,948,068
Police Pension	118,416	3,404,059	3,321,276	201,199
Fire Pension	157,629	2,272,552	2,264,598	165,583
City And Town Court Costs	3,570	15,503	17,045	2,028
LOIT Public Safety	3,575,690	3,724,162	2,665,281	4,634,571
Local Development Agreement	5,699,675	2,795,458	4,051,570	4,443,563
TIF US Gypsum	638,348	1,270,917	757,020	1,152,245
TIF Riley Plaza	44,540	100,002	94,541	50,001
Local Police Forfeitures	38,394	6,463	9,405	35,452
Harborside Apartments	242,582	1,411,456	1,206,704	447,334
TIF Northtown Village Townhomes	72,465	144,087	-	216,552
Home Investment Partnership Program	81,752	175,446	115,303	141,895
Corporation Bond and Interest	1,239,094	2,476,580	2,477,304	1,238,370
City of EC Construction Account	678,639	-	436,878	241,761
TIF Lakeside Garden	462,624	338,618	220,399	580,843
Public Works Revolving	-	8,953,584	8,953,584	-
Local Road and Bridge Grant	1,340,000	-	1,340,000	-
TIF Annex Allocation Area	328,848	282,133	336,940	274,041
Redevelopment Education	252,722	-	-	252,722
CRF-COVID	-	906,154	906,154	-
LHD-COVID	-	-	15,681	(15,681)
CDBG-COVID	-	4,046	4,046	-
General Adult Probation	124,923	7,422	20,663	111,682
Federal Grants	2,753	62,665	29,586	35,832
State Grant	246,783	33,377	-	280,160
Grant Misc	630,171	101,130	76,627	654,674
Police Federal Forfeitures	109,296	553	31,239	78,610
Damage To City Property	72,987	-	-	72,987
Vital Records	365,600	55,901	14,946	406,555
City Court Programs	37,724	59,669	31,560	65,833
EC Petty Cash Accts	2,000	280	280	2,000
Redevelopment Rehab Escrow	17,575	83,871	101,446	-
Lease Rental Payment	935,488	1,878,299	1,995,001	818,786
Communications Revolving	(7,361)	211,787	216,247	(11,821)
Gasoline Revolving	(43,501)	457,435	417,129	(3,195)
EC Redevelopment	471,595	1,061,870	971,659	561,806
Payroll Withholding	2,426	64,495,076	64,493,522	3,980
Health Insurance	10,976	5,947,115	5,943,694	14,397
Misc Employee Ins	65,485	10,805	36	76,254
Worker's Compensation	6,497	283,694	281,963	8,228
City Clerk	497,658	495,466	423,508	569,616
ECSDWW Petty Cash	5,001	257	258	5,000
Sewage Utility Construction	5,227,260	8,328,743	165,350	13,390,653
Sewage Utility Bond and Interest	472,306	1,037,310	946,313	563,303
Sewage Debt Service Reserve	977,187	4,812	-	981,999
Sanitary District Rainy Day	123,145	-	-	123,145
Wastewater Utility-Operating	1,272,369	6,992,618	6,312,739	1,952,248
Wastewater Replacement Reserve	1,852,244	410,000	554,483	1,707,761
Storm Water Utility-Operating	1,215,442	3,504,197	2,982,750	1,736,889
Solid Waste-Operating	10,902,249	10,747,718	10,329,940	11,320,027
Sanitary District Revolving	1,682,703	153,847	-	1,836,550
Utilities Revolving	-	1,181,955	1,181,955	-
Water Utility Meter Deposit	294,163	18,091	16,210	296,044
Water Utility-Operating	519,288	11,359,953	10,860,847	1,018,394
Water Tank Refurbishment	126,499	1,066,560	1,008,921	184,138
Water Utility-Construction	4,939,977	287,950	2,472,685	2,755,242
Change Fund	1,000	-	-	1,000
Water Utility-Debt Reserve	1,682,821	8,343	-	1,691,164
Water Utility-Bond and Interest	3,113,079	3,513,467	3,372,885	3,253,661
EC Marina	344,799	976,700	845,327	476,172
EC Marina Petty Cash Accts	1,210	572	332	1,450
Totals	\$ 125,939,660	\$ 225,364,266	\$ 211,558,266	\$ 139,745,660

The notes to the financial statement are an integral part of this statement.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT

Note 1. Summary of Significant Accounting Policies

A. Reporting Entity

The City was established under the laws of the State of Indiana. The City operates under a Council-Mayor form of government and provides some or all of the following services: public safety (police and fire), highways and streets, health and social services, culture and recreation, public improvements, planning and zoning, general administrative services, water, wastewater, electric, gas, storm water, trash, aviation, and urban redevelopment and housing.

The accompanying financial statement presents the financial information for the City.

B. Basis of Accounting

The financial statement is reported on a regulatory basis of accounting prescribed by the Indiana State Board of Accounts in accordance with state statute (IC 5-11-1-6), which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America. The basis of accounting involves the reporting of only cash and investments and the changes therein resulting from cash inflows (receipts) and cash outflows (disbursements) reported in the period in which they occurred.

The regulatory basis of accounting differs from accounting principles generally accepted in the United States of America, in that receipts are recognized when received in cash, rather than when earned, and disbursements are recognized when paid, rather than when a liability is incurred.

C. Cash and Investments

Investments are stated at cost. Any changes in fair value of the investments are reported as receipts in the year of the sale of the investment.

D. Receipts

Receipts are presented in the aggregate on the face of the financial statement. The aggregate receipts include the following sources:

Taxes. Amounts received from one or more of the following: property tax, certified shares (local option tax), property tax replacement credit (local option tax), county option income tax, wheel tax, innkeeper's tax, food and beverage tax, county economic development income tax, boat and trailer excise tax, county adjusted gross income tax, and other taxes that are set by the City.

Licenses and permits. Amounts received from businesses, occupations, or nonbusinesses that must be licensed before doing business within the government's jurisdiction, or permits levied according to the benefits presumably conferred by the permit. Examples of licenses and permits include the following: peddler licenses, animal licenses, auctioneer licenses, building and planning permits, demolition permits, electrical permits, sign permits, and gun permits.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Intergovernmental receipts. Amounts received from other governments in the form of operating grants, entitlements, or payments in lieu of taxes. Examples of intergovernmental receipts include, but are not limited to, the following: federal grants, state grants, cigarette tax distributions received from the state, motor vehicle highway distributions received from the state, local road and street distributions received from the state, financial institution tax received from the state, auto excise surtax received from the state, commercial vehicle excise tax received from the state, major moves distributions received from the state, and riverboat receipts received from the county.

Charges for services. Amounts received for services including, but not limited to, the following: planning commission charges, building department charges, copies of public records, copy machines charges, accident report copies, gun permit applications, 911 telephone services, recycling fees, dog pound fees, emergency medical service fees, park rental fees, swimming pool receipts, cable TV receipts, ordinance violations, fines and fees, bond forfeitures, court costs, and court receipts.

Fines and forfeits. Amounts received from fines and penalties imposed for the commission of statutory offenses, violation of lawful administrative rules and regulations (fines), and for the neglect of official duty and monies derived from confiscating deposits held as performance guarantees (forfeitures).

Utility fees. Amounts received from charges for current services.

Penalties. Amounts received from late payment fees.

Other receipts. Amounts received from various sources, including, but not limited to, the following: net proceeds from borrowings; interfund loan activity; transfers authorized by statute, ordinance, resolution, or court order; internal service receipts; and fiduciary receipts.

E. Disbursements

Disbursements are presented in the aggregate on the face of the financial statement. The aggregate disbursements include the following uses:

Personal services. Amounts disbursed for salaries, wages, and related employee benefits provided for all persons employed. In those units where sick leave, vacation leave, overtime compensation, and other such benefits are appropriated separately, such payments would also be included.

Supplies. Amounts disbursed for articles and commodities that are entirely consumed and materially altered when used and/or show rapid depreciation after use for a short period of time. Examples of supplies include, but are not limited to, the following: office supplies, operating supplies, and repair and maintenance supplies.

Other services and charges. Amounts disbursed for services including, but not limited to, the following: professional services, communication and transportation, printing and advertising, insurance, utility services, repairs and maintenance, and rental charges.

Debt service - principal and interest. Amounts disbursed for fixed obligations resulting from financial transactions previously entered into by the City. It includes all expenditures for the reduction of the principal and interest of the City's general obligation indebtedness.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Capital outlay. Amounts disbursed for land, infrastructure, buildings, improvements, and machinery and equipment having an appreciable and calculable period of usefulness.

Utility operating expenses. Amounts disbursed for operating the utilities.

Other disbursements. Amounts disbursed for various other purposes including, but not limited to, the following: interfund loan payments; loans made to other funds; internal service disbursements; and transfers out that are authorized by statute, ordinance, resolution, or court order.

F. Interfund Transfers

The City may, from time to time, make transfers from one fund to another. These transfers, if any, are included as a part of the receipts and disbursements of the affected funds and as a part of total receipts and disbursements. The transfers are used for cash flow purposes as provided by various statutory provisions.

G. Fund Accounting

Separate funds are established, maintained, and reported by the City. Each fund is used to account for amounts received from and used for specific sources and uses as determined by various regulations. Restrictions on some funds are set by statute while other funds are internally restricted by the City. The amounts accounted for in a specific fund may only be available for use for certain, legally-restricted purposes. Additionally, some funds are used to account for assets held by the City in a trustee capacity as an agent of individuals, private organizations, other funds, or other governmental units, and, therefore, the funds cannot be used for any expenditures of the unit itself.

Note 2. Budgets

The operating budget is initially prepared and approved at the local level. The fiscal officer of the City submits a proposed operating budget to the governing board for the following calendar year. The budget is advertised as required by law. Prior to adopting the budget, the governing board conducts public hearings and obtains taxpayer comments. Prior to November 1, the governing board approves the budget for the next year. The budget for funds for which property taxes are levied or highway use taxes are received is subject to final approval by the Indiana Department of Local Government Finance.

Note 3. Property Taxes

Property taxes levied are collected by the County Treasurer and are scheduled to be distributed to the City in June and December; however, situations can arise which would delay the distributions. State statute (IC 6-1.1-17-16) requires the Indiana Department of Local Government Finance to establish property tax rates and levies by December 31 of the year preceding the budget year or January 15 of the budget year if the City is issuing debt after December 1 or intends on filing a shortfall appeal. These rates were based upon the assessed valuations adjusted for various tax credits from the preceding year's lien date of January 1. Taxable property is assessed at 100 percent of the true tax value (determined in accordance with rules and regulations adopted by the Indiana Department of Local Government Finance). Taxes may be paid in two equal installments which normally become delinquent if not paid by May 10 and November 10, respectively.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Note 4. *Deposits and Investments*

Deposits, made in accordance with state statute (IC 5-13), with financial institutions in the State of Indiana, at year end, should be entirely insured by the Federal Depository Insurance Corporation or by the Indiana Public Deposit Insurance Fund. This includes any deposit accounts issued or offered by a qualifying financial institution.

State statutes authorize the City to invest in securities including, but not limited to, the following: federal government securities, repurchase agreements, and certain money market mutual funds. Certain other statutory restrictions apply to all investments made by local governmental units.

Note 5. *Risk Management*

The City may be exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; job-related illnesses or injuries to employees; medical benefits to employees, retirees, and dependents; and natural disasters.

These risks can be mitigated through the purchase of insurance, establishment of a self-insurance fund, and/or participation in a risk pool. The purchase of insurance transfers the risk to an independent third-party. The establishment of a self-insurance fund allows the City to set aside money for claim settlements. The self-insurance fund would be included in the financial statement. The purpose of participation in a risk pool is to provide a medium for the funding and administration of the risks.

Note 6. *Pension Plans*

A. *Public Employees' Retirement Fund*

Plan Description

The Indiana Public Employees' Retirement Fund Defined Benefit Plan (PERF DB) is a cost-sharing multiple-employer defined benefit plan and provides retirement, disability, and survivor benefits to plan members. PERF DB is administered through the Indiana Public Retirement System (INPRS) Board in accordance with state statutes (IC 5-10.2 and IC 5-10.3) and administrative code (35 IAC 1.2), which govern most requirements of the system and give the City authority to contribute to the plan.

The Public Employees' Hybrid Plan (PERF Hybrid) consists of two components: PERF DB, the employer-funded monthly defined benefit component, and the Public Employees' Hybrid Members Defined Contribution Account, the defined contribution component.

The Retirement Savings Plan for Public Employees (My Choice) is a multiple-employer defined contribution plan. It is administered through the INPRS Board in accordance with state statutes (IC 5-10.2 and IC 5-10.3) and administrative code (35 IAC 1.2), which govern most requirements of the system and give the City authority to contribute to the plan.

New employees hired have a one-time election to join either the PERF Hybrid or the My Choice.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Financial Report

INPRS issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole and for its participants. That report may be obtained by contacting:

Indiana Public Retirement System
One North Capitol, Suite 001
Indianapolis, IN 46204
Ph. (844) 464-6777

Contributions

Members' contributions are set by state statute at 3 percent of compensation for both the defined contribution component of PERF Hybrid and My Choice. The employer may elect to make the contribution on behalf of the member of the defined contribution component of PERF Hybrid and My Choice members may receive additional employer contribution in lieu of the PERF DB. Contributions to the PERF DB are determined by INPRS Board based on actuarial valuation.

B. 1925 Police Officers' Pension Plan

Plan Description

The 1925 Police Officers' Pension Plan is a single-employer defined benefit pension plan. The plan is administered by the local pension board as authorized by state statute (IC 36-8-6). The plan provides retirement, disability, and death benefits to plan members and beneficiaries. The plan was established by the plan administrator, as provided by state statute. The plan administrator does not issue a publicly available financial report that includes financial statements and required supplementary information of the plan.

Funding Policy

The contribution requirements of plan members for the 1925 Police Officers' Pension Plan are established by state statute.

On Behalf Payments

The 1925 Police Officers' Pension Plan is funded by the State of Indiana through the Indiana Public Retirement System as provided under Indiana Code 5-10.3-11.

C. 1937 Firefighters' Pension Plan

Plan Description

The 1937 Firefighters' Pension Plan is a single-employer defined benefit pension plan. The plan is administered by the local pension board as authorized by state statute (IC 36-8-7). The plan provides retirement, disability, and death benefits to plan members and beneficiaries. The plan was established by the plan administrator, as provided by state statute. The plan administrator does not issue a publicly available financial report that includes financial statements and required supplementary information of the plan.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Funding Policy

The contribution requirements of plan members for the 1937 Firefighters' Pension Plan are established by state statute.

On Behalf Payments

The 1937 Firefighters' Pension Plan is funded by the State of Indiana through the Indiana Public Retirement System as provided under Indiana Code 5-10.3-11.

D. 1977 Police Officers' and Firefighters' Pension and Disability Fund

Plan Description

The 1977 Police Officers' and Firefighters' Pension and Disability Fund is a cost-sharing multiple-employer defined benefit pension plan administered by the Indiana Public Retirement System (INPRS) for all police officers and firefighters hired after April 30, 1977.

State statute (IC 36-8-8) regulates the operations of the system, including benefits, vesting, and requirements for contributions by employers and by employees. Covered employees may retire at age 52 with 20 years of service. An employee with 20 years of service may leave service, but, will not receive benefits until reaching age 52. The plan also provides for death and disability benefits.

Financial Report

INPRS issues a publicly available financial report that includes financial statements and required supplementary information for the plan as a whole and for its participants. That report may be obtained by contacting:

Indiana Public Retirement System
One North Capitol, Suite 001
Indianapolis, IN 46204
Ph. (888) 526-1687

Contributions

The contribution requirements of plan members and the City are established by the Board of Trustees of INPRS based on actuarial valuation. Employers may pay all or part of the member contribution for the member.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)**Note 8. Deficit Fund Balances**

The following funds have deficit fund balances at December 31, 2020:

<u>Fund Name</u>	<u>Previous Year Balance</u>	<u>Current Year Balance</u>
LHD-COVID	\$ -	\$ (15,681)
Communications Revolving	(7,361)	(11,821)
Gasoline Revolving	(43,501)	(3,195)

The reasons for the deficit fund balances include some City funds created for reimbursable grants and others as internal service funds. The reimbursements for expenditures made by these funds were not received by December 31, 2020.

In addition, the Water Utility - Operating fund has outstanding temporary loans to other City and Water Utility Funds, totaling \$5,000,000 at December 31, 2020. Without the temporary loans, the Water Utility - Operating fund would have had an overdrawn cash balance of \$3,981,606 at December 31, 2020.

Note 9. Holding Corporation

The City has entered into a capital lease with the East Chicago Municipal Building Corporation (the lessor). The lessor was organized as a not-for-profit corporation pursuant to state statute for the purpose of financing and constructing or reconstructing facilities for lease to the City. The lessor has been determined to be a related-party of the City. Lease payments during the year 2020 totaled \$1,980,606.

Note 10. Subsequent Events*Short-Term Debt - Loans Between Funds*

Due to delays in collecting revenue from water customer billings, the City made temporary loans between funds during 2020. These loans were not repaid during 2020. As of December 31, 2020, three loans to the Water Utility - Operating fund totaling \$5,000,000 were still outstanding. They will be repaid by June 30, 2021.

Note 11. Other Postemployment Benefits

The City provides health benefits to eligible retirees and their spouses. These benefits pose a liability to the City for this year and in future years. Information regarding the benefits can be obtained by contacting the City.

Note 12. Contingent Liabilities and Lawsuits

The City has been named as defendant in several pending lawsuits of which the outcome and the amount of potential damages has not been estimated.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Note 13. Tax Increment Receipts Pledged

The City has pledged a portion of tax incremental finance property tax receipts to repay \$9,065,040 in tax increment finance revenue bonds issued in 1999 to finance the acquisition of processing and production equipment for a high-capacity wallboard manufacturing facility (U.S. Gypsum Company). The bonds are payable solely from the incremental property tax generated by the allocation area. Incremental property taxes were projected to produce 100 percent of the debt service requirements over the life of the bonds. The tax incremental finance property taxes received in 2020 were not enough to cover the 2020 payments due.

The City has pledged a portion of tax incremental finance property tax receipts to repay \$1,750,000 in tax increment finance revenue bonds issued in 2007 to finance the costs of converting an existing retail structure located in Riley Plaza into a supermarket facility. The bonds are payable solely from the incremental property tax generated by the allocation area. Incremental property taxes were projected to produce 100 percent of the debt service requirements over the life of the bonds. The tax incremental finance property tax receipts received in 2020 were not enough to cover the 2020 payments due.

The City has pledged a portion of tax incremental finance property tax receipts to repay \$3,000,000 in tax increment finance revenue bonds issued in 2015 to finance the acquisition and rehabilitation of a vacant industrial warehouse facility into the light industrial operations of Hoist Lifttruck Manufacturing. The bonds are payable solely from the incremental property tax generated by the allocation area. Incremental property taxes were projected to produce 100 percent of the debt service requirements over the life of the bonds. The 2020 tax incremental finance property tax receipts were not enough to cover the 2020 payments due. Hoist Lifttruck Manufacturing provided the City with the necessary funds to cover the 2020 payment shortfalls.

The City has pledged a portion of tax incremental finance property tax receipts to repay \$1,640,000 in tax increment finance revenue bonds issued in 2020 to finance economic development within Lake Front Allocation Area #2 - Chrome, LLC Project. The bonds are payable solely from the incremental property tax generated by the allocation area. Incremental property taxes are projected to produce 100 percent of the debt service requirements over the life of the bonds. Payments will begin in 2023.

Note 14. Indiana Harbor Revitalization Project

The Community Builders, Inc. (TCB), Hispanic Housing Development Corp. (HHDC), and EDAW combined to form the Indiana Harbor Community Master Development Team, which was jointly selected by the East Chicago Board of Public Works, East Chicago Housing Authority, and the East Chicago Redevelopment Commission.

On March 1, 2006, a Master Development Agreement was entered into for a Master Developer to oversee and carry out the redevelopment (the revitalization) of a certain portion of the City known as the Indiana Harbor Community. This area was designated by the City's Redevelopment Commission as a Tax Increment Financing (TIF) District in 2002. As part of the agreement, the Master Developer is to plan, coordinate, and implement all aspects of the revitalization. The revitalization contemplates a comprehensive redevelopment of the revitalization area, including the development or redevelopment of housing, commercial and retail space, public space, public facilities, and industrial facilities.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

To achieve the revitalization, the City's Redevelopment Commission transferred ownership of 21 parcels of property to Northtown Village Townhomes Limited Partnership (Northtown) for the sum of \$10 in 2008. Northtown is a wholly owned subsidiary of The Community Builders, Inc., one of the three entities which comprise the Indiana Harbor Community Master Development Team.

The Redevelopment Commission also loaned Northtown \$3,000,000 to be used to finance construction of 75 unit townhomes consisting of two, three, and four bedroom rental units comprised of ten separate buildings. The loan was made in installments over a three-year period. Northtown was loaned \$619,558 in October 2007 and \$1,380,442 in November 2008 from the Economic Development Commission Fund, which receipts the tax increment financing property tax revenues generated from the TIF District. The final installment was paid to Northtown on February 6, 2009, from grants awarded to the City in 2007 from the East Chicago Urban Enterprise Association, Inc., and the Gary/Hammond/East Chicago Empowerment Zone. The Phase I loan bears interest at 1.75 percent compounded annually. The unpaid principal, as well as any accrued and unpaid interest, will be due and payable no later than December 31, 2048.

Northtown completed the 75 unit development and all units were fully occupied as of March 30, 2010, with plans underway for a Phase II development. Phase II will consist of 50 additional units. To undertake this project the Northtown retained \$1,200,000 of funds available for repayment on the \$3,000,000 loan for Phase I, and the Redevelopment Commission provided an additional \$500,000 from the Economic Development Commission Fund. A new loan agreement was established to evidence the \$1,700,000 loan made by the Redevelopment Commission to Northtown as of June 30, 2010. This loan bears interest at 1.25 percent, compounding annually. The unpaid principal, as well as any accrued and unpaid interest, will be due and payable no later than December 31, 2050.

On June 30, 2010, the Redevelopment Commission loaned Northtown \$953,000 also bearing interest at 1.25 percent, compounding annually. The unpaid principal, as well as any accrued and unpaid interest, will be due and payable no later than December 31, 2050. The Redevelopment Commission received the loan funds from the U.S. Department of Housing and Urban Development through the Neighborhood Stabilization Program (NSP).

The loan activity between the City's Redevelopment Commission and Northtown is as follows:

	Balance 01-01-19	New Loans	Repayments	Balance 12-31-19	Unpaid Interest
Phase I	\$ 1,800,000	\$ -	\$ -	\$ 1,800,000	\$ 372,355
Phase II	<u>2,653,000</u>	<u>-</u>	<u>-</u>	<u>2,653,000</u>	<u>161,984</u>
Totals	<u>\$ 4,453,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 4,453,000</u>	<u>\$ 534,339</u>

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

Note 15. Settlements

Consent Decree

An Agreed Judgment resolving the case of the Indiana Department of Environment Management (IDEM) vs. The East Chicago Sanitary District (District) was approved and entered by the Judge of the Lake Circuit Court on October 1, 2007. The Consent Decree contains both specific and general tasks and obligations and goals which are to be accomplished within prescribed deadlines. The Consent Decree provides for the payment of stipulated penalties in the event of the District's failure to comply with specified wastewater treatment plant performance standards or to achieve facility improvement programs within the time limits imposed.

The major component of the Agreed Judgment is the District's obligation to revise and implement a long-term combined sewer overflow control plan (Long-Term Plan). The process includes submission of a Use Attainability Analysis which determines a financial capability assessment of the District user charge payers and the cost effectiveness of treatment plant and system improvements, which would reduce Combined Sewer Overflows (CSO) into the Grand Calumet River. The Long-Term Plan has been submitted to the IDEM and reviewed by the United States Environmental Protection Agency (EPA) and was approved.

The Long-Term Plan, as most recently configured, proposed spending approximately \$12.2 million on treatment plant and system improvements to be raised through a Revenue Bond issued in the total amount of \$12.94 million. The Long-Term Plan called for the construction of improvements in two phases, the first in 2014 and 2015, with the second originally planned to commence in 2016. Phase 1 was financed under a Bond Anticipation Note (BAN), with the Bond itself being issued at the end of 2015. The District sought and won approval from the City Council for a user rate increase in 2014 to support financing for the project.

In order to take advantage of economies in construction staging, some elements of Phase 2 were completed in Phase 1. However, discovery of unforeseen subsurface issues and other considerations required a restructuring of the Long-Term Plan for Phase 2 and the addition of a number of elements. IDEM also has suggested the EPA approval may require an additional expenditure over years in order to reduce the number of CSO events. A new engineering firm of record was engaged, and the resulting cost of Phase 2 was upwardly adjusted to a total of between \$12 and 13 million. Upon issuance of the 2015 Bond, just over \$6 million of the proceeds were used to satisfy the BAN for Phase 1, leaving approximately \$6 million remaining and available for Phase 2.

In 2018, a Request for Proposals for a Guaranteed Cost Saving Contract (GCS) was issued for Phase 2, and Kokosing Industrial was selected as the general contractor for the project. Under the revised scope of work necessary to complete Phase 2, it was believed an additional \$6 million to \$7 million dollars was needed to complete the project. The District engaged the Municipal Advisory and accounting firm of Baker Tilly to prepare a cost of service study to set the stage for a new user rate increase, and to advise on the most favorable alternative for financing. The District had planned to receive revenue bond proceeds financed by a sewer user charge increase in late 2019, with construction of Phase 2 commencing in the Spring of 2020. To that end the District prepared a cost of service study, adopted amended sewer user charges sufficient to pay bond debt service, and sought the necessary approval from the Common Council in order for the charges to go into effect. The Common Council failed to adopt the ordinance establishing those rates.

CITY OF EAST CHICAGO
NOTES TO FINANCIAL STATEMENT
(Continued)

In the 2020 session, the General Assembly enacted HB 1131 amending IC 36-9-25-11.3, allowing the District to seek sewer user increases/amendments by filing a rate case with the Indiana Utility Regulatory Commission (IURC) as an alternative to obtaining approval from the local legislative body. The District has employed professional services to seek that remedy from the IURC. In the meantime, the estimated cost of the project has increased to \$13,500,000, requiring \$8,500,000 of financing. A bond anticipation note (BAN) was secured on June 4, 2020, to provide funds for the project. Upon securing the BAN proceeds, ECSD entered into an Agreement for the construction of the LTCP Phase II Project on July 23, 2020, with Kokosing Industrial and the Notice to Proceed for the project was issued on September 8, 2020. Kokosing Industrial has 725 days from Notice to Proceed placing completion of this phase in September 2022.

On May 28, 2021 the District submitted a request to amend its Long-Term CSO Control Plan (LTCP) to IDEM by December 31, 2021

USS Lead Superfund

The USS Lead Superfund site is located within the City of East Chicago. The lead refinery was constructed in 1906. The DuPont facility, located east of USS Lead operated from 1910 to 1949. The site includes part of the former USS Lead facility along with nearby commercial, municipal, and residential areas. The primary contaminants of concern are lead and arsenic. The site is separated into three zones, which include a public housing complex and residential properties. Zone 1 is a neighborhood that includes the West Calumet Housing Complex and Carrie Gosch Elementary School. Zones 2 and 3 are residential neighborhoods. Construction of the residential began in 1939 and were completed in 1959. The Carrie Gosch Elementary School was dedicated in 1959. The West Calumet Housing Complex was constructed between 1970 and 1973. The USS Lead ceased operation in 1992.

The RCRA referred the residential areas adjacent to the USS Lead facility to Superfund in 2004. In 2006, the EPA began testing for lead, contamination in yards and published notices stating that lead is highly toxic and can cause behavioral problems, learning disabilities, seizures, death, and other health effects. Currently, the West Calumet Housing Complex has been closed and residents relocated. The Carrie Gosch Elementary School is also closed.

Two lawsuits arising from this situation have been filed naming the City, the Mayor, BP Products, DuPont, Atlantic Richfield, the East Chicago Housing Authority, and its director. The complaint alleges that the defendants concealed the dangers of the contaminated land in which they resided, along with the theories of conspiracy, personal injury, breach of contract, and implied warranty, fraud, and misrepresentation. Additional claims allege violation of the 14th Amendment, the Civil Rights Act, and the Equal Protection Clause. In one case, the plaintiffs have requested the conditional class certification of each resident living in the West Calumet area of the City. The City is prepared to contest all claims.

In 2017, the City received tort claim notices for an additional one hundred (100) individuals claiming injury and damages arising from this situation. Although the City's exposure could exceed \$1 million dollars if it does not prevail, the case has been vigorously defended. The City has obtained dismissals of some of the constitutional claims made. This allows, in some instances, for only state law, tort claims to proceed which is governed by the Indiana Tort Claims Act where damages are capped. As of this writing, there have been no notable developments in the status of the pending cases.

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OTHER INFORMATION - UNAUDITED

The City's Annual Financial Report information can be found on the Indiana Gateway for Government Units website: <https://gateway.ifionline.org/>.

Differences may be noted between the financial information presented in the financial statement contained in this report and the financial information presented in the City's Annual Financial Report referenced above. These differences, if any, are due to adjustments made to the financial information during the course of the audit. This is a common occurrence in any financial statement audit. The financial information presented in this report is audited information, and the accuracy of such information can be determined by reading the opinion given in the Independent Auditor's Report.

The other information presented was approved by management of the City. It is presented as intended by the City.

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	General	Motor Vehicle Highway	Local Road And Street	MVH Restricted	Park Nonreverting Operating	Health Maintenance
Cash and investments - beginning	\$ 31,326,423	\$ 5,276,754	\$ 1,137,288	\$ 639,117	\$ 13,469	\$ 291,312
Receipts:						
Taxes	32,180,747	-	-	-	-	-
Licenses and permits	776,335	-	-	-	-	-
Intergovernmental receipts	1,093,652	563,665	458,668	563,665	-	36,122
Charges for services	356,766	-	-	-	125	-
Fines and forfeits	52,278	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	424,338	-	-	-	-	-
Total receipts	34,884,116	563,665	458,668	563,665	125	36,122
Disbursements:						
Personal services	20,962,845	-	-	-	-	-
Supplies	342,060	-	2,436	-	-	11,293
Other services and charges	7,295,605	124,435	96,595	-	125	19,540
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	1,334,267	-	217,378	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	2,268,681	-	-	-	-	-
Total disbursements	32,203,458	124,435	316,409	-	125	30,833
Excess (deficiency) of receipts over disbursements	2,680,658	439,230	142,259	563,665	-	5,289
Cash and investments - ending	\$ 34,007,081	\$ 5,715,984	\$ 1,279,547	\$ 1,202,782	\$ 13,469	\$ 296,601

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Lakefront TIF (Economic Development)	Building Demolition	Transportation	CDBG	Law Enforcement Continuing Ed	Clerk's Records Perpetuation
Cash and investments - beginning	\$ 1,841,905	\$ 10,196	\$ 2,252,764	\$ (91,510)	\$ 84,188	\$ 23,419
Receipts:						
Taxes	2,201,503	-	210,081	-	-	-
Licenses and permits	-	-	-	-	20,693	-
Intergovernmental receipts	-	990,179	1,249,112	956,670	-	-
Charges for services	-	-	-	-	34,259	-
Fines and forfeits	-	-	-	-	2,732	4,635
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	88	5,087	3,773	144,808	-	-
Total receipts	2,201,591	995,266	1,462,966	1,101,478	57,684	4,635
Disbursements:						
Personal services	-	-	974,213	253,838	-	-
Supplies	-	-	69,403	980	6,086	-
Other services and charges	400,000	744,547	102,053	750,634	44,847	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	274,115	-	27,607	-	5,740	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	991,957	250,000	-	-	-	-
Total disbursements	1,666,072	994,547	1,173,276	1,005,452	56,673	-
Excess (deficiency) of receipts over disbursements	535,519	719	289,690	96,026	1,011	4,635
Cash and investments - ending	\$ 2,377,424	\$ 10,915	\$ 2,542,454	\$ 4,516	\$ 85,199	\$ 28,054

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Unsafe Building	Casino/Riverboat	Parks And Recreation	LOIT Special Distribution	Redevelopment Capital	Fire Equipment (Not Debt Service)
Cash and investments - beginning	\$ 202,944	\$ 11,017,480	\$ 1,786,143	\$ 77,158	\$ 1,542,720	\$ 10,542
Receipts:						
Taxes	-	-	2,643,232	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	9,011,470	75,333	-	-	-
Charges for services	-	-	607,730	-	-	-
Fines and forfeits	37,425	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	784,085	268,913	27,796	-	2,419,330	-
Total receipts	821,510	9,280,383	3,354,091	-	2,419,330	-
Disbursements:						
Personal services	-	-	637,324	-	-	-
Supplies	-	107,544	61,393	-	-	-
Other services and charges	764,867	7,484,977	1,307,101	-	-	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	-	2,488,134	235,908	-	2,357,636	10,542
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	1,026,372	723,899	-	132,139	-
Total disbursements	764,867	11,107,027	2,965,625	-	2,489,775	10,542
Excess (deficiency) of receipts over disbursements	56,643	(1,826,644)	388,466	-	(70,445)	(10,542)
Cash and investments - ending	\$ 259,587	\$ 9,190,836	\$ 2,174,609	\$ 77,158	\$ 1,472,275	\$ -

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Co Economic Development Income Tax Capital	Cumulative Capital Improvement	Self-Insurance	Police Pension	Fire Pension	City And Town Court Costs
Cash and investments - beginning	\$ 1,913,121	\$ 130,801	\$ 13,176,621	\$ 118,416	\$ 157,629	\$ 3,570
Receipts:						
Taxes	3,413,567	-	-	-	41,327	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	64,393	-	3,401,996	2,230,366	-
Charges for services	-	-	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	-	-	10,560,283	2,063	859	15,503
Total receipts	3,413,567	64,393	10,560,283	3,404,059	2,272,552	15,503
Disbursements:						
Personal services	-	-	-	-	-	-
Supplies	-	-	-	-	-	-
Other services and charges	-	-	1,701	11,475	14,111	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	89,906	-	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	2,476,578	-	8,787,135	3,309,801	2,250,487	17,045
Total disbursements	2,566,484	-	8,788,836	3,321,276	2,264,598	17,045
Excess (deficiency) of receipts over disbursements	847,083	64,393	1,771,447	82,783	7,954	(1,542)
Cash and investments - ending	\$ 2,760,204	\$ 195,194	\$ 14,948,068	\$ 201,199	\$ 165,583	\$ 2,028

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	LOIT Public Safety	Local Development Agreement	TIF US Gypsum	TIF Riley Plaza	Local Police Forfeitures	Harborside Apartments
Cash and investments - beginning	\$ 3,575,690	\$ 5,699,675	\$ 638,348	\$ 44,540	\$ 38,394	\$ 242,582
Receipts:						
Taxes	-	-	1,270,917	100,002	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	3,724,162	-	-	-	-	-
Charges for services	-	-	-	-	-	1,209,799
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	-	2,795,458	-	-	6,463	201,657
Total receipts	3,724,162	2,795,458	1,270,917	100,002	6,463	1,411,456
Disbursements:						
Personal services	2,065,526	-	-	-	-	-
Supplies	-	-	-	-	-	82,545
Other services and charges	-	565,454	-	-	-	1,121,239
Debt service - principal and interest	-	-	757,020	94,541	-	-
Capital outlay	599,755	3,486,116	-	-	9,405	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	-	-	-	2,920
Total disbursements	2,665,281	4,051,570	757,020	94,541	9,405	1,206,704
Excess (deficiency) of receipts over disbursements	1,058,881	(1,256,112)	513,897	5,461	(2,942)	204,752
Cash and investments - ending	\$ 4,634,571	\$ 4,443,563	\$ 1,152,245	\$ 50,001	\$ 35,452	\$ 447,334

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	TIF Northtown Village Townhomes	Home Investment Partnership Program	Corporation Bond and Interest	City of EC Construction Account	TIF Lakeside Garden	Public Works Revolving
Cash and investments - beginning	\$ 72,465	\$ 81,752	\$ 1,239,094	\$ 678,639	\$ 462,624	\$ -
Receipts:						
Taxes	144,087	-	-	-	338,618	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	97,811	-	-	-	-
Charges for services	-	1,400	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	-	76,235	2,476,580	-	-	8,953,584
Total receipts	144,087	175,446	2,476,580	-	338,618	8,953,584
Disbursements:						
Personal services	-	22,795	-	-	-	4,995,190
Supplies	-	-	-	-	-	790,818
Other services and charges	-	72,062	1,929	-	220,399	3,167,444
Debt service - principal and interest	-	-	2,475,375	-	-	-
Capital outlay	-	20,446	-	436,878	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	-	-	-	132
Total disbursements	-	115,303	2,477,304	436,878	220,399	8,953,584
Excess (deficiency) of receipts over disbursements	144,087	60,143	(724)	(436,878)	118,219	-
Cash and investments - ending	\$ 216,552	\$ 141,895	\$ 1,238,370	\$ 241,761	\$ 580,843	\$ -

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Local Road and Bridge Grant	TIF Annex Allocation Area	Redevelopment Education	CRF-COVID	LHD-COVID	CDBG-COVID
Cash and investments - beginning	\$ 1,340,000	\$ 328,848	\$ 252,722	\$ -	\$ -	\$ -
Receipts:						
Taxes	-	282,133	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	-	-	906,154	-	4,046
Charges for services	-	-	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	-	-	-	-	-	-
Total receipts	-	282,133	-	906,154	-	4,046
Disbursements:						
Personal services	-	-	-	906,154	10,344	1,046
Supplies	-	-	-	-	-	-
Other services and charges	-	2,200	-	-	5,337	3,000
Debt service - principal and interest	-	334,740	-	-	-	-
Capital outlay	1,340,000	-	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	-	-	-	-
Total disbursements	1,340,000	336,940	-	906,154	15,681	4,046
Excess (deficiency) of receipts over disbursements	(1,340,000)	(54,807)	-	-	(15,681)	-
Cash and investments - ending	\$ -	\$ 274,041	\$ 252,722	\$ -	\$ (15,681)	\$ -

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	General Adult Probation	Federal Grants	State Grant	Grant Misc	Police Federal Forfeitures	Damage To City Property
Cash and investments - beginning	\$ 124,923	\$ 2,753	\$ 246,783	\$ 630,171	\$ 109,296	\$ 72,987
Receipts:						
Taxes	-	-	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	62,246	33,377	-	-	-
Charges for services	-	-	-	-	-	-
Fines and forfeits	7,422	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	-	419	-	101,130	553	-
Total receipts	7,422	62,665	33,377	101,130	553	-
Disbursements:						
Personal services	-	-	-	-	-	-
Supplies	5,465	-	-	946	-	-
Other services and charges	15,198	12,230	-	75,681	-	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	-	17,356	-	-	26,239	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	-	-	-	5,000	-
Total disbursements	20,663	29,586	-	76,627	31,239	-
Excess (deficiency) of receipts over disbursements	(13,241)	33,079	33,377	24,503	(30,686)	-
Cash and investments - ending	\$ 111,682	\$ 35,832	\$ 280,160	\$ 654,674	\$ 78,610	\$ 72,987

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Vital Records	City Court Programs	EC Petty Cash Accts	Redevelopment Rehab Escrow	Lease Rental Payment	Communications Revolving
Cash and investments - beginning	\$ 365,600	\$ 37,724	\$ 2,000	\$ 17,575	\$ 935,488	\$ (7,361)
Receipts:						
Taxes	-	-	-	-	1,833,904	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	-	-	-	44,395	-
Charges for services	51,318	-	-	-	-	-
Fines and forfeits	-	22,141	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	4,583	37,528	280	83,871	-	211,787
Total receipts	55,901	59,669	280	83,871	1,878,299	211,787
Disbursements:						
Personal services	-	-	-	-	-	-
Supplies	5,242	1,576	-	-	-	-
Other services and charges	5,705	16,885	280	-	14,395	216,247
Debt service - principal and interest	-	-	-	-	1,980,606	-
Capital outlay	-	221	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	3,999	12,878	-	101,446	-	-
Total disbursements	14,946	31,560	280	101,446	1,995,001	216,247
Excess (deficiency) of receipts over disbursements	40,955	28,109	-	(17,575)	(116,702)	(4,460)
Cash and investments - ending	\$ 406,555	\$ 65,833	\$ 2,000	\$ -	\$ 818,786	\$ (11,821)

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Gasoline Revolving	EC Redevelopment	Payroll Withholding	Health Insurance	Misc Employee Ins	Worker's Compensation
Cash and investments - beginning	\$ (43,501)	\$ 471,595	\$ 2,426	\$ 10,976	\$ 65,485	\$ 6,497
Receipts:						
Taxes	-	418,440	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	11,595	-	-	-	-
Charges for services	-	35,420	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	457,435	596,415	64,495,076	5,947,115	10,805	283,694
Total receipts	457,435	1,061,870	64,495,076	5,947,115	10,805	283,694
Disbursements:						
Personal services	-	354,623	-	-	-	-
Supplies	417,129	2,516	-	-	-	-
Other services and charges	-	146,030	-	299,882	36	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	-	-	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	-	468,490	64,493,522	5,643,812	-	281,963
Total disbursements	417,129	971,659	64,493,522	5,943,694	36	281,963
Excess (deficiency) of receipts over disbursements	40,306	90,211	1,554	3,421	10,769	1,731
Cash and investments - ending	\$ (3,195)	\$ 561,806	\$ 3,980	\$ 14,397	\$ 76,254	\$ 8,228

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	City Clerk	ECSDWW Petty Cash	Sewage Utility Construction	Sewage Utility Bond and Interest	Sewage Debt Service Reserve	Sanitary District Rainy Day
Cash and investments - beginning	\$ 497,658	\$ 5,001	\$ 5,227,260	\$ 472,306	\$ 977,187	\$ 123,145
Receipts:						
Taxes	-	-	-	-	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	-	-	-	-	-
Charges for services	-	-	-	-	-	-
Fines and forfeits	-	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	-	-	-	-	-	-
Other receipts	495,466	257	8,328,743	1,037,310	4,812	-
Total receipts	495,466	257	8,328,743	1,037,310	4,812	-
Disbursements:						
Personal services	-	-	-	-	-	-
Supplies	-	-	-	-	-	-
Other services and charges	-	258	165,350	750	-	-
Debt service - principal and interest	-	-	-	945,563	-	-
Capital outlay	-	-	-	-	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	423,508	-	-	-	-	-
Total disbursements	423,508	258	165,350	946,313	-	-
Excess (deficiency) of receipts over disbursements	71,958	(1)	8,163,393	90,997	4,812	-
Cash and investments - ending	\$ 569,616	\$ 5,000	\$ 13,390,653	\$ 563,303	\$ 981,999	\$ 123,145

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Wastewater Utility-Operating	Wastewater Replacement Reserve	Storm Water Utility-Operating	Solid Waste-Operating	Sanitary District Revolving	Utilities Revolving
Cash and investments - beginning	\$ 1,272,369	\$ 1,852,244	\$ 1,215,442	\$ 10,902,249	\$ 1,682,703	\$ -
Receipts:						
Taxes	-	-	-	10,337,777	-	-
Licenses and permits	-	-	-	-	-	-
Intergovernmental receipts	-	-	-	65,798	-	-
Charges for services	6,912,512	-	1,498,788	269,174	-	-
Fines and forfeits	25,500	-	-	-	-	-
Utility fees	-	-	-	-	-	-
Penalties	33,150	-	-	-	-	-
Other receipts	21,456	410,000	2,005,409	74,969	153,847	1,181,955
Total receipts	6,992,618	410,000	3,504,197	10,747,718	153,847	1,181,955
Disbursements:						
Personal services	2,065,535	-	708,822	27,711	-	1,181,955
Supplies	158,368	-	7,095	17,940	-	-
Other services and charges	1,946,859	-	266,833	462,354	-	-
Debt service - principal and interest	-	-	-	-	-	-
Capital outlay	239	554,483	-	1,799,755	-	-
Utility operating expenses	-	-	-	-	-	-
Other disbursements	2,141,738	-	2,000,000	8,022,180	-	-
Total disbursements	6,312,739	554,483	2,982,750	10,329,940	-	1,181,955
Excess (deficiency) of receipts over disbursements	679,879	(144,483)	521,447	417,778	153,847	-
Cash and investments - ending	\$ 1,952,248	\$ 1,707,761	\$ 1,736,889	\$ 11,320,027	\$ 1,836,550	\$ -

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Water Utility Meter Deposit	Water Utility-Operating	Water Tank Refurbishment	Water Utility-Construction	Change Fund
Cash and investments - beginning	\$ 294,163	\$ 519,288	\$ 126,499	\$ 4,939,977	\$ 1,000
Receipts:					
Taxes	-	-	-	-	-
Licenses and permits	-	-	-	-	-
Intergovernmental receipts	-	-	-	-	-
Charges for services	-	-	-	-	-
Fines and forfeits	-	-	-	-	-
Utility fees	-	5,970,554	-	-	-
Penalties	-	21,512	-	-	-
Other receipts	18,091	5,367,887	1,066,560	287,950	-
Total receipts	18,091	11,359,953	1,066,560	287,950	-
Disbursements:					
Personal services	-	960,916	-	-	-
Supplies	-	-	-	-	-
Other services and charges	-	59,019	-	-	-
Debt service - principal and interest	-	-	-	-	-
Capital outlay	-	153,786	-	2,472,685	-
Utility operating expenses	-	4,091,866	8,921	-	-
Other disbursements	16,210	5,595,260	1,000,000	-	-
Total disbursements	16,210	10,860,847	1,008,921	2,472,685	-
Excess (deficiency) of receipts over disbursements	1,881	499,106	57,639	(2,184,735)	-
Cash and investments - ending	\$ 296,044	\$ 1,018,394	\$ 184,138	\$ 2,755,242	\$ 1,000

CITY OF EAST CHICAGO
COMBINING SCHEDULE OF RECEIPTS, DISBURSEMENTS,
AND CASH AND INVESTMENT BALANCES -
REGULATORY BASIS
For the Year Ended December 31, 2020

	Water Utility-Debt Reserve	Water Utility-Bond and Interest	EC Marina	EC Marina Petty Cash Accts	Totals
Cash and investments - beginning	\$ 1,682,821	\$ 3,113,079	\$ 344,799	\$ 1,210	\$ 125,939,660
Receipts:					
Taxes	-	-	-	-	55,416,335
Licenses and permits	-	-	-	-	797,028
Intergovernmental receipts	-	-	-	-	25,644,875
Charges for services	-	-	967,409	-	11,944,700
Fines and forfeits	-	-	-	-	152,133
Utility fees	-	-	-	-	5,970,554
Penalties	-	-	-	-	54,662
Other receipts	8,343	3,513,467	9,291	572	125,383,979
Total receipts	8,343	3,513,467	976,700	572	225,364,266
Disbursements:					
Personal services	-	-	499,418	-	36,628,255
Supplies	-	-	67,243	-	2,158,078
Other services and charges	-	-	274,504	332	28,300,505
Debt service - principal and interest	-	3,372,885	-	-	9,960,730
Capital outlay	-	-	-	-	17,958,597
Utility operating expenses	-	-	-	-	4,100,787
Other disbursements	-	-	4,162	-	112,451,314
Total disbursements	-	3,372,885	845,327	332	211,558,266
Excess (deficiency) of receipts over disbursements	8,343	140,582	131,373	240	13,806,000
Cash and investments - ending	\$ 1,691,164	\$ 3,253,661	\$ 476,172	\$ 1,450	\$ 139,745,660

CITY OF EAST CHICAGO
SCHEDULE OF PAYABLES AND RECEIVABLES
December 31, 2020

Government or Enterprise	Accounts Payable	Accounts Receivable
Governmental activities	\$ 4,048,699	\$ 2,635,169
Sanitary District	1,018,745	572,737
Water	419,542	625,252
Marina	<u>23,947</u>	<u>-</u>
Totals	<u>\$ 5,510,933</u>	<u>\$ 3,833,158</u>

CITY OF EAST CHICAGO
SCHEDULE OF LEASES AND DEBT
December 31, 2020

Lessor	Purpose	Annual Lease Payment	Lease Beginning Date	Lease Ending Date
Governmental activities: East Chicago Municipal Building Corporation	Public Safety Facility	\$ 1,745,000	1/5/2017	1/5/2024
Total of annual lease payments		<u>\$ 1,745,000</u>		

Type	Description of Debt	Ending Principal Balance	Principal and Interest Due Within One Year
Governmental activities:			
Revenue bonds	Redevelopment Tax Increment Financing Bonds 1999 USG Project	\$ 536,711	\$ 3,019,000
Revenue bonds	Taxable Economic Development Revenue Bond Series 2007A Riley Plaza Project	955,000	134,400
Revenue bonds	Taxable Economic Development Revenue Bonds Series 2015 (Hoist Lift Mfg.)	2,360,000	339,098
Revenue bonds	EC General Obligation Bonds Series 2015 Community Centers	1,220,000	1,238,300
Revenue bonds	Economic Development Bonds Series 2020 (Chrome LLC Project)	<u>1,640,000</u>	-
Total governmental activities		<u>6,711,711</u>	<u>4,730,798</u>
Sanitary District:			
Revenue bonds	Sanitary District Revenue Bonds Series 2015 Improvements to Wastewater Plant	10,750,000	949,063
Revenue bonds	Sanitary District Revenue Bond Anticipation Notes of 2020 To Finance Construction and Non-Construction Costs	<u>8,300,000</u>	<u>89,167</u>
Total Sanitary District		<u>19,050,000</u>	<u>1,038,230</u>
Water:			
Revenue bonds	State Revolving Fund (SRF) Loan 2002 Water Utility Improvements	385,000	134,353
Revenue bonds	State Revolving Fund (SRF) Loan 2006 New Water Filtration Plant	7,535,000	1,253,686
Revenue bonds	State Revolving Fund (SRF) Loan 2009 New Water Filtration Plant	14,730,000	1,853,400
Revenue bonds	State Revolving Fund (SRF) Loan 2017 Meter Replacement Modeling Software Engineering Costs	3,848,000	84,784
Revenue bonds	State Revolving Fund (SRF) Loan 2018A Lead Replacement Costs Bond Issuance Costs	3,100,000	28,059
Revenue bonds	State Revolving Fund (SRF) Loan 2018B Two Water Storage Tanks Meter Installation Fire Hydrants Water Filling Station	<u>11,050,000</u>	<u>99,984</u>
Total Water		<u>40,648,000</u>	<u>3,454,266</u>
Totals		<u>\$ 66,409,711</u>	<u>\$ 9,223,294</u>

CITY OF EAST CHICAGO
SCHEDULE OF CAPITAL ASSETS
December 31, 2020

Capital assets are reported at actual or estimated historical cost based on appraisals or deflated current replacement cost. Contributed or donated assets are reported at estimated fair value at the time received.

	Ending Balance
Governmental activities:	
Land	\$ 5,402,094
Infrastructure	40,475,326
Buildings	32,980,761
Improvements other than buildings	3,058,146
Machinery, equipment, and vehicles	4,868,221
Construction in progress	<u>54,506,763</u>
Total governmental activities	<u>141,291,311</u>
Water:	
Land	249,859
Buildings	98,560
Improvements other than buildings	8,125,315
Machinery, equipment, and vehicles	128,354
Construction in progress	<u>70,397,502</u>
Total Water	<u>78,999,590</u>
Sanitary District:	
Land	885,268
Buildings	11,839,908
Improvements other than buildings	8,094,441
Machinery, equipment, and vehicles	5,724,391
Construction in progress	<u>6,798,687</u>
Total Sanitary District	<u>33,342,695</u>
Marina:	
Land	1,020,000
Buildings	4,581,865
Improvements other than buildings	226,915
Machinery, equipment, and vehicles	9,075
Construction in progress	<u>1,487,146</u>
Total Marina	<u>7,325,001</u>
Total capital assets	<u>\$ 260,958,597</u>

OTHER REPORTS

In addition to this report, other reports may have been issued for the City. All reports can be found on the Indiana State Board of Accounts' website: <http://www.in.gov/sboa/>.

Sponsored by Mayor Anthony Copeland

**COMMON COUNCIL OF THE CITY OF EAST CHICAGO
ORDINANCE NO.15-0023_____**

**An Ordinance Enacting Proposed Amendments to the System of User Rates and Charges
for the Support of the Operation and Maintenance of the East Chicago Sanitary District**

WHEREAS, the Common Council ("Council") of the City of East Chicago, Indiana ("City") has been informed of the determination by the Board of Commissioners ("ECSD Board") of the East Chicago Sanitary District ("District") that it is necessary to secure additional funds for the operation and maintenance of the City wastewater treatment and disposal facilities and the City collection system of pumps, sewers and related appurtenances; and

WHEREAS, the Council has received the following record of recent actions taken by the ECSD Board which:

a. has determined that it is necessary, being mindful of the City's significant and varied water resources, and the need to protect and enhance the ability of the City to safely and efficiently treat and discharge its wastewater, to improve, reconstruct, replace or upgrade substantial portions of the City waste water system and collection system in order to provide an environmentally responsible, healthful, efficient and effective means of waste water treatment, all as required by the laws of the United States and the State of Indiana; and

b. has filed a long-term control plan ("LTCP") with the Indiana Department of Environmental Management and U.S. Environmental Protection Agency, Region 5 ("USEPA") as required by law, and those authorities have required the District to undertake construction of improvements to pump stations, the waste water treatment plant, and collection system improvements designed to provide future control of combined sewer overflows and other operational issues;

c. commissioned and compiled a Cost of Service Study through H.J. Umbaugh & Associates Certified Public Accountants, LLP analyzing the costs, both in the recent past and for anticipated future years of providing the minimum amount of funds necessary for the operation and maintenance of the District Waste Water operations and maintenance together with anticipated capital, debt service and LTCP needs and collection system maintenance and improvements; and

d. considered the adoption of a system of new and updated user fees and charges which justly and equitably distribute the cost for the treatment and disposal of sewage and other waste discharged into the sewerage system of the District together with collection system maintenance and improvements among the various classes of users in the City of East Chicago, all as required by I.C. §36-9-25-11 (a); and

e. adopted and approved Resolution Number SD 2015-12 on November 2, 2015, which proposed the adoption of the new user fee system of rates and charges which was attached to and made a part of said Resolution as Exhibit "A," intending such new rates and charges to supersede and supplant those rates and charges now in effect previously adopted in City Ordinance No. 12-0037; and

f. desiring to make said new system of fees and charges effective in the City by obtaining the adoption of same in the manner specified by I.C. §36-9-25-11, scheduled public hearing upon such proposed amendments on November 2, 2015 at 6:00 p.m. at the regular public meeting of the Board in the Council Chamber, East Chicago City Hall, 4525 Indianapolis Boulevard, East Chicago, Indiana 46312, and gave due notice thereof by publication in the manner required by law; and

g. conducted said public hearing on November 2, 2015 concerning the proposed system as required by the provisions of I.C. §36-9-25-11, and having received and heard remonstrance's either at said hearing or otherwise, at the conclusion of said hearing adopted Resolution No. SD 15-12 amending and confirming the new system of sanitary and waste water rates and charges first proposed in Resolution No. SD 15-11, and recommended to the Council the final adoption and enactment of the new user fee system of rates and charges which was attached to and contained in Exhibit "A" to said Resolution No. SD 15-12; and

WHEREAS, the Council has carefully evaluated the materials prepared by the ECSD Board in connection with the proposed new rate system and has had the opportunity to receive further information and to pose questions concerning the proposed wastewater rate system; and

WHEREAS, the Council has concluded that the adoption of the new system of wastewater rates and charges proposed is in the best interest of all of the residents of the City, that the expense of proper maintenance, planning and development for the wastewater treatment and disposal system and the collection system, and the completion of the LTCP require adequate resources which are not otherwise obtainable, and that failure to address the wastewater treatment and disposal needs of the City will expose it to worsening water quality, overflows, legal challenges by governmental authorities and even higher costs to its residents; and

WHEREAS, the Council desires to approve said newly adopted system of rates and charges for the Sanitary District Wastewater Division and wishes to spread its action upon the public record through this ordinance.

THEREFORE, BE IT ORDAINED by the Common Council of the City of East Chicago, Indiana that:

SECTION ONE: Effective as of Midnight, December 31, 2015, Sections Three, Four and Five, only, of Ordinance No. 12-0037 adopted on

December 26, 2012, which established the system of rates and charges for the East Chicago Sanitary District Wastewater Division, are hereby repealed. The remaining sections of that Ordinance No. 12-0037 remain in full force and effect.

SECTION TWO: Effective 12:00 a.m., January 1, 2016, the following Schedule of User Fee Rates and Charges for the East Chicago Sanitary District Wastewater Division, shall be effective within the boundaries of the City of East Chicago, Indiana:

**EAST CHICAGO SANITARY DISTRICT
BOARD OF COMMISSIONERS
SCHEDULE OF USER FEE RATES AND CHARGES**

**PHASE I - EFFECTIVE JANUARY 1, 2016
PHASE II – EFFECTIVE SEPTEMBER 1, 2016**

Section 1. Application – This schedule shall apply to every parcel of real estate within the boundaries of the City of East Chicago, Indiana, which is connected with and uses the sewage works of the District by or through any part of the sewerage system. This schedule applies to owners of property that is partially or wholly exempt from taxation, as well as owners of property subject to full taxation.

Section 2. Definitions – For the purposes of this schedule, the terms following shall have the specified meaning:

City – The City of East Chicago, Indiana, and all of the lands within the corporate boundaries thereof.

District – The East Chicago Sanitary District Board of Commissioners.

User – The owner or owners of a parcel of real estate within the boundaries of the City of East Chicago, Indiana, which is connected with and uses the sewage works of the District by or through any part of the sewerage system. This schedule applies to owners of property that is partially or wholly exempt from taxation, as well as owners of property subject to full taxation.

Section 3. Establishment of Rates (PHASE I) – Each user shall pay to the District, commencing January 1, 2016, and continuing until further action of the District and City Council, the total of the following applicable charges per month:

Billing Charge (per bill): \$ 3.33

Base Rates (per month):

Meter Size
(Diameter)

5/8" \$ 4.70

3/4" 7.05

1" 11.74

1 1/2" 27.23

2"	46.95
3"	107.99
4"	187.81
6"	427.27
8"	760.64
10"/12"	1,187.91

Treatment Rate (per 1,000 gallons per month):

First 100,000 gallons	\$ 2.11
Over 100,000 gallons	3.50

Pretreatment Charge:

Base charge per month	\$ 632.70
Monitoring event charge (per event)	566.10

Excess Strength Charges:

Chemical Oxygen Demand (COD)	
-	
per lb. in excess of 250 mg/l	\$ 0.26
Total Suspended Solids (TSS) -	0.83
per lb. in excess of 100 mg/l	

Establishment of Rates (PHASE II) - Each user shall pay to the District, commencing September 1, 2016, and continuing until further action of the District and City Council, the total of the following applicable charges per month:

Billing Charge (per bill):	\$ 3.69
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Base Rates (per month):

Meter Size (Diameter)	
5/8"	\$ 5.21
3/4"	7.82
1"	13.02
1 1/2"	30.20
2"	52.07
3"	119.76
4"	208.29
6"	473.85
8"	843.56

10"/12" 1,317.40

Treatment Rate (per 1,000 gallons per month):

First 100,000 gallons	\$ 2.34
Over 100,000 gallons	3.88

Pretreatment Charge:

Base charge per month	\$ 701.67
Monitoring event charge (per event)	627.81

Excess Strength Charges:

Chemical Oxygen Demand (COD)	
-	
per lb. in excess of 250 mg/l	\$ 0.28
Total Suspended Solids (TSS) -	
per lb. in excess of 100 mg/l	0.92

Section 4. Enforcement – If a fee established hereunder is not paid within thirty (30) days after it is due, the amount, together with a penalty of ten percent (10%) and a reasonable attorney's fee, may be recovered by the Board from the delinquent user or owner of the property served in a civil action in the name of the municipality. Fees assessed against real property under this section also constitute a lien against the property assessed. The lien attaches at the time of the filing of the notice of lien in the county recorder's office. The lien is superior to all other liens except tax liens, and shall be enforced and foreclosed in the same manner as is provided for liens under I.C. §36-9-23-33 and I.C. §36-9-23-34. A fee assessed against real property under this section constitutes a lien against the property assessed only when the fee is delinquent for no more than three (3) years from the day after the fee is due (I.C. §36-9-25-11). This paragraph is not intended to limit the legal and equitable rights of the District to obtain appropriate enforcement of the sums due by any other lawful means.

Section 5. Conversion--The above stated treatment rate, applied to measurement of volume of water by cubic feet, shall be \$1.75 per 100 cubic feet for the first 13,368 cu.ft. and \$2.90 for each 100 cubic feet over 13,368 cu. ft.

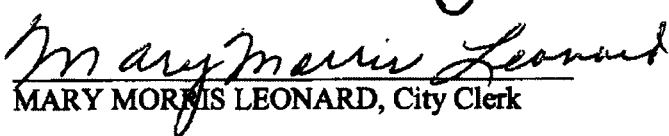
SECTION THREE: All ordinances or portions thereof in effect prior to the effective date and in conflict with the provisions of this ordinance are hereby repealed.

ALL OF WHICH is PASSED and ADOPTED by the Common Council of the City of East Chicago, Indiana on this 23rd day of November, 2015.



PRESIDING OFFICER

ATTEST:



MARY MORRIS LEONARD, City Clerk

PRESENTED by me to the Mayor of the City of East Chicago on the 24th day of November, 2015 at the hour of _____.



MARY MORRIS LEONARD, City Clerk

APPROVED, EXECUTED and RETURNED by me to the Common Council of the City of East Chicago, Indiana on this 25th day of NOVEMBER, 2015.



ANTHONY COPELAND, Mayor

ATTEST:

MARY MORRIS LEONARD, City Clerk

NOV 02 2015

RESOLUTION NO. SD19-22

A RESOLUTION AUTHORIZING THE ACQUISITION, CONSTRUCTION, INSTALLATION AND EQUIPPING BY THE EAST CHICAGO SANITARY DISTRICT OF CERTAIN IMPROVEMENTS AND EXTENSIONS TO THE DISTRICT'S SEWAGE WORKS, THE ISSUANCE AND SALE OF REVENUE BONDS TO PROVIDE FUNDS FOR THE PAYMENT OF THE COSTS THEREOF, THE ISSUANCE AND SALE OF BOND ANTICIPATION NOTES IN ANTICIPATION OF THE ISSUANCE AND SALE OF SUCH BONDS, AND THE COLLECTION, SEGREGATION AND DISTRIBUTION OF THE REVENUES OF SUCH SEWAGE WORKS AND OTHER RELATED MATTERS

WHEREAS, the East Chicago Sanitary District (the "District") is a special taxing district created pursuant to the provisions of Indiana Code 36-9-25, as amended (the "Act"), and has heretofore established and constructed and currently owns and operates a sewage works by and through its Board of Sanitary Commissioners (the "Board"), which is the governing body of the District, for the collection and treatment of sewage and other wastes (the "Sewage Works"), pursuant to the provisions of the Act; and

WHEREAS, the Board hereby finds that certain improvements and extensions to the Sewage Works are necessary; and Butler Fairman & Seufert, of Indianapolis, Indiana, the consulting engineers employed by the District (the "Consulting Engineers"), have prepared and filed plans, specifications and detailed descriptions and estimates of the costs of the necessary improvements and extensions to the Sewage Works, which plans, specifications, descriptions and estimates, to the extent required by law, have been duly submitted to and approved or will be approved by all governmental authorities having jurisdiction thereover (the improvements and extensions to the Sewage Works as described in the Consulting Engineers' plans and specifications and below in Section 2 hereof are referred to herein as the "Project"), including, without limitation, the Indiana Department of Environmental Management (the "Department"); and

WHEREAS, on October 3, 2019, the Board adopted a Declaratory Resolution declaring that it is necessary for the public health and welfare and would be of public utility and benefit to construct the Project as more fully described in said Declaratory Resolution and confirmed in the Confirmatory Resolution adopted by the Board on November 7, 2019; and

WHEREAS, the Board further finds that the estimates prepared and delivered by the Consulting Engineers with respect to the costs of acquisition, construction, installation and equipping of such improvements and extensions to the Sewage Works, and including all authorized costs relating thereto, including the costs of issuance of bonds and, if necessary, bond anticipation notes (the "BANs") on account of the financing thereof, will be in the estimated amount of Thirteen Million Five Hundred Thousand Dollars (\$13,500,000); and

WHEREAS, the District intends to utilize approximately Five Million Two Hundred Thousand Dollars (\$5,200,000) of funds on hand to pay a portion of the Project, with the remainder of the Project to be financed by sanitary district revenue bonds as hereinafter described; and

WHEREAS, the District desires to authorize the issuance of the BANs, if necessary, to provide interim financing for a portion of the Project in the maximum aggregate principal amount not to exceed Eight Million Three Hundred Thousand Dollars (\$8,300,000) and the issuance of sanitary district revenue bonds, in one or more series, payable from the Net Revenues (as hereinafter defined) of the Sewage Works, in the maximum aggregate principal amount of Eight Million Three Hundred Thousand Dollars (\$8,300,000) issued to finance a portion of the aforementioned costs of the Project and to refund the BANs, if issued; and

WHEREAS, pursuant to Resolution No. SD15-10, adopted by the Board on October 19, 2015 (the "2015 Resolution"), the District has heretofore issued its sanitary district revenue bonds designated "Sanitary District Revenue Bonds, Series 2015," currently outstanding in the aggregate principal amount of Eleven Million Two Hundred Ninety-Five Thousand Dollars (\$11,295,000), and with a final maturity date of July 15, 2035 (the "2015 Bonds"); and

WHEREAS, the 2015 Resolution permits the issuance of additional bonds ranking on a parity with the outstanding 2015 Bonds, provided that certain conditions can be met, and the District finds that the finances of the Sewage Works will enable the District to meet the conditions for the issuance of additional parity bonds and that, accordingly, the revenue bonds authorized herein shall constitute a first charge on the Net Revenues of the Sewage Works, on a parity with the 2015 Bonds; and

WHEREAS, the Board now finds that all conditions precedent to the adoption of a resolution authorizing the issuance of one or more series of revenue bonds and BANs, if necessary, to provide the necessary funds to be applied to the costs of a portion of the Project and all authorized costs relating thereto, and the refunding of the BANs, if issued, have been complied with in accordance with the provisions of the 2015 Resolution, the Act and other applicable laws; and

WHEREAS, the Board consequently seeks to authorize the issuance of revenue bonds and BANs to finance the acquisition, construction, installation and equipping of a portion of the Project pursuant to the Act and other applicable laws and the sale of such revenue bonds to the Indiana Bond Bank (the "Bond Bank") pursuant to the provisions of Indiana Code 5-1.5, the Indiana Finance Authority (the "Authority") pursuant to the provisions of Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10, or at public sale pursuant to the provisions of Indiana Code 5-1-11, and the sale of such BANs pursuant to the provisions of the Act and other applicable laws, subject to and dependent upon the terms and conditions hereinafter set forth; and

WHEREAS, the District expects to enter into a Financial Assistance Agreement (as hereinafter defined) with the Authority, pertaining to the Project and the financing thereof;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SANITARY COMMISSIONERS OF THE EAST CHICAGO SANITARY DISTRICT, AS FOLLOWS:

Section 1. Acquisition, Construction, Installation and Equipping of the Project. The District, acting by and through the Board and as the owner and operator of the Sewage Works for the collection and treatment of sewage and other wastes, hereby orders, authorizes and directs the Board to acquire any and all necessary property and to proceed with the acquisition,

construction, installation and equipping of improvements and extensions to the Sewage Works, pursuant to the Act and in accordance with the plans, specifications and cost estimates heretofore prepared and filed with the Board by the Consulting Engineers, which plans, specifications and cost estimates are hereby adopted and approved and, by reference, incorporated fully into this Resolution, and two copies of which are now on file in the office of the District and are open for public inspection. The actions of the Board in connection with the acquisition of any and all necessary property and the acquisition, construction, installation, equipping and financing of such improvements and extensions to the Sewage Works are hereby authorized, approved, ratified and confirmed.

Where used in this Resolution, the term "District" shall be construed also to include any department, board, commission or officer or officers of the District or of any District department, board or commission. The terms "Sewage Works," "sewage works," "works" and similar terms used in this Resolution shall be construed to mean and include the existing structures and property of the Treatment Works, as defined in the Financial Assistance Agreement, and all enlargements, improvements, extensions and additions thereto, and replacements thereof, now or subsequently constructed or acquired, whether from the proceeds of the bonds and BANs authorized herein or otherwise. Such improvements and extensions shall be constructed and the bonds and BANs herein authorized shall be issued pursuant to the provisions of this Resolution, the Act and other applicable laws.

Section 2. Description of the Project. The Project is more fully described in, and shall be in accordance with the Preliminary Engineering Report and the Plans and Specifications (each as defined in the Financial Assistance Agreement) approved by the Department. In summary, the Project consists of various improvement projects within the District, including, without limitation, the acquisition, construction, installation and equipping of improvements at the 145th Street Pump Station, the Alder Street Pump Station, the Roxanna Pump Station, the wastewater treatment plant and the combined sewer overflow (CSO) lagoon, together with all improvements related thereto.

The District, acting by and through the Board, shall proceed with the acquisition, construction, installation and equipping of the Project and shall enter into all contracts necessary or appropriate for such purpose, in conformity with and subject to the requirements and conditions set forth in this Resolution and in the Act.

Section 3. The Bonds. In accordance with the Act and for the purpose of providing funds with which to pay the costs of a portion of the Project, together with all authorized costs relating thereto, including the costs of issuance of the Bonds, as hereinafter defined, on account thereof, and refunding the BANs, if any, described below, the District shall issue its sanitary district revenue bonds, in one or more series, in an aggregate principal amount not to exceed Eight Million Three Hundred Thousand Dollars (\$8,300,000) (the "Bonds"). The principal of and redemption premium, if any, and interest on the Bonds shall be payable solely out of the Sinking Fund referred to below.

Any other provisions of this Resolution to the contrary notwithstanding, the Bonds shall be issued on a parity with the 2015 Bonds, and none of the provisions of this Resolution shall be construed to affect the rights of the holders of the 2015 Bonds. The District is authorized to employ Baker Tilly Municipal Advisors, LLC, as municipal advisor to the District (the

"Municipal Advisor"), or any other certified public accountant or firm of certified public accountants to perform any and all computations necessary to confirm the preliminary evidence and findings demonstrating compliance with the conditions set forth in the 2015 Resolution for the issuance of additional revenue bonds on parity with the 2015 Bonds. The District shall not issue the Bonds without first receiving a certificate from the Municipal Advisor or other certified public accountant or firm of certified public accountants in form and substance satisfactory to the Controller (the "Controller") of the City of East Chicago, Indiana (the "City"), and Faegre Baker Daniels LLP, Indianapolis, Indiana, bond counsel for the District, and to the effect that the District and the Sewage Works are in complete compliance with the conditions set forth in the 2015 Resolution for the issuance of additional revenue bonds on parity with the 2015 Bonds.

The Bonds to be issued to finance a portion of the Project shall be designated as the "East Chicago Sanitary District Sanitary District Revenue Bonds, Series 20____" (with the blank to be filled in with the last two digits of the calendar year in which such series of the Bonds is issued, with an appropriate series designation in the event more than one series of Bonds is expected to be issued in such calendar year). Each series of the Bonds shall be issued as fully registered bonds in denomination or denominations of Five Thousand Dollars (\$5,000) and any integral multiples thereof not exceeding the aggregate principal amount of such Bonds maturing in any one year, or in the event that any series of the Bonds is sold to the Bond Bank or to the Authority pursuant to Section 9 of this Resolution, the Bonds of such series shall be in multiples of One Dollar (\$1) or such other denomination as is acceptable to the Bond Bank or the Authority, as applicable. The Bonds shall be numbered consecutively from ____R-1 upward (with the blank to be filled in with the last two digits of the calendar year in which such series of the Bonds is issued, with an appropriate series designation in the event more than one series of Bonds is expected to be issued in such calendar year). The Bonds shall bear interest at a rate or rates not exceeding five percent (5.0%) per annum (or at the rate provided in the QE Purchase Agreement (as hereinafter defined) with respect to any series of the Bonds that is sold to the Bond Bank, or as provided in the Financial Assistance Agreement with respect to any series of the Bonds that is sold to the Authority), the exact rate or rates to be determined by negotiation with the Bond Bank or the Authority or by bidding. Said interest rate or rates on the Bonds shall be in multiples of one-eighth (1/8) or one-hundredth (1/100) of one percent (1%). Interest on each series of the Bonds shall be calculated on the basis of twelve (12) thirty (30)-day months for a three hundred sixty (360)-day year and shall be payable semiannually on January 15 and July 15 of each year (each, an "Interest Payment Date"), commencing on the first January 15 or July 15 subsequent to the issuance of such series of the Bonds, or such later date as may be determined (i) by the Controller, with the advice of the Municipal Advisor to the District, if such series of the Bonds is sold by public bidding; or (ii) by negotiation with the Bond Bank or the Authority (if the latter, as provided in the Financial Assistance Agreement between the District and the Authority (the "Financial Assistance Agreement") with respect to such series of the Bonds), until principal is fully paid. The principal of each series of the Bonds shall mature serially and semiannually on January 15 and July 15 of each year, commencing not earlier than January 15, 2020 (or commencing on such other date as provided in the Financial Assistance Agreement, if such series of the Bonds is sold to the Authority), and ending not later than July 15, 2046. The Bonds will mature in such amounts that will produce, on an aggregate basis, as level annual debt service as practicable, except as otherwise provided in the Financial Assistance Agreement if the Bonds are sold to the Authority, and in the years and amounts to be determined by negotiation with the Bond Bank or the Authority, or by the Controller with the advice of the District's Municipal Advisor, if the Bonds are sold by public bidding.

The Bonds shall bear an original issue date which shall be the date of delivery of the Bonds or the first day of the month in which the Bonds are delivered, as determined by the Controller (unless otherwise provided in the QE Purchase Agreement in the event the Bonds are sold to the Bond Bank or unless otherwise provided in the Financial Assistance Agreement in the event the Bonds are sold to the Authority), and each Bond shall also bear the date of its authentication. Any Bond authenticated on or before the last day of the calendar month immediately preceding the first Interest Payment Date shall pay interest from its original issue date (unless otherwise provided in (i) the QE Purchase Agreement or (ii) the Financial Assistance Agreement, in the event the Bonds are sold to the Bond Bank or the Authority, respectively). Any Bond authenticated thereafter shall pay interest from the Interest Payment Date next preceding the date of authentication of such Bond to which interest thereon has been paid or duly provided for, unless such Bond is authenticated after the last day of the calendar month immediately preceding an Interest Payment Date and on or before such Interest Payment Date, in which case interest thereon shall be paid from such Interest Payment Date.

In the event that the Bonds or the BANs of any series are sold to the Authority or any other purchaser who so agrees pursuant to Section 9 of this Resolution, it is understood that principal shall not be payable and interest shall not accrue on such series of the Bonds or the BANs until such principal amount has been advanced pursuant to requests made by the District to the Authority or to any such other purchaser, with advances to be allocable to the Bonds in order of maturity. If the Bonds of any series are sold to the Authority, to the extent that (a) the total principal amount of such series of the Bonds is not paid by the purchaser or drawn down by the District or (b) proceeds remain in the Construction Account established under Section 10 of this Resolution and are not applied to the Project (or any modifications or additions thereto approved by the Department and the Authority), the District shall reduce the principal amount of such Bonds' maturities to effect such reduction in a manner that will still achieve as level an annual debt service as practicable as described in this Section 3 subject to and upon the terms set forth in the Financial Assistance Agreement.

The Controller is hereby authorized to appoint a registrar and a paying agent for any series of the Bonds or BANs (the "Registrar" and the "Paying Agent" and, in both such capacities, the "Registrar and Paying Agent"). The Registrar and Paying Agent shall be charged with and shall by appropriate agreement undertake the performance of all of the duties and responsibilities customarily associated with each such position, including, without limitation, the authentication of the Bonds and BANs. The Controller is authorized and directed to enter into such agreements and understandings with the Registrar and Paying Agent and any subsequent Registrar and Paying Agent as will enable and facilitate the performance of its duties and responsibilities, and is authorized and directed to pay such fees as the Registrar and Paying Agent may reasonably charge for its services in such capacity, and such fees may be paid from the Sinking Fund previously established and continued herein.

If the Bonds or the BANs are registered in the name of the Authority, the Bond Bank or any other purchaser that does not object to such designation, the Controller shall be designated as the Registrar and Paying Agent and shall be charged with the performance of all of the duties and responsibilities of Registrar and Paying Agent.

The Registrar and Paying Agent, if not the Controller, may at any time resign as Registrar and Paying Agent upon giving thirty (30) days' notice in writing to the District and by first-class

mail to each registered owner of the Bonds or BANs then outstanding, and such resignation will take effect at the end of such thirty (30) days or upon the earlier appointment of a successor Registrar and Paying Agent by the District. Any such notice to the District may be served personally or sent by certified mail. The Registrar and Paying Agent may also be removed at any time as Registrar and Paying Agent by the District, in which event the District may appoint a successor Registrar and Paying Agent. The District shall notify each registered owner of the Bonds or BANs then outstanding by first-class mail of the removal of the Registrar and Paying Agent. Notices to registered owners of the Bonds or BANs shall be deemed to be given when mailed by first-class mail to the addresses of such registered owners as they appear on the registration books kept by the Registrar. Any predecessor Registrar and Paying Agent shall deliver all of the Bonds or BANs and cash in its possession with respect thereto, together with the registration books, to the successor Registrar and Paying Agent. The Controller is hereby authorized to act on behalf of the District with regard to any of the aforementioned actions of the District relating to the resignation or removal of the Registrar and Paying Agent and appointment of a successor Registrar and Paying Agent.

Principal of and any redemption premium on the Bonds, and principal and interest on the BANs, shall be payable at the principal corporate trust office of the Paying Agent. Interest on the Bonds shall be paid by check or draft mailed or delivered by the Paying Agent to the registered owner thereof at the address as it appears on the registration books kept by the Registrar as of the last day of the calendar month immediately preceding the Interest Payment Date or at such other address as may be provided to the Paying Agent in writing by such registered owner. Notwithstanding anything in this Resolution to the contrary, so long as The Depository Trust Company, New York, New York ("DTC"), or its nominee, or any successor thereto, is the registered owner of any series of the Bonds or BANs, the principal of and premium, if any, and interest on such series of the Bonds or BANs will be paid directly to DTC or successor depository by wire transfer on the payment date in same-day funds by the Paying Agent. Notwithstanding the foregoing, principal of and interest on the Bonds or BANs, if registered in the name of the Authority or the Bond Bank, shall be paid by wire transfer to a financial institution if and as directed by the Authority or the Bond Bank, as the case may be, on the due date of such payment or, if such date is a day when financial institutions are not open for business, on the business day immediately preceding such due date. So long as the Authority or the Bond Bank is the registered owner of the Bonds or BANs, the Bonds or BANs shall be presented for payment as directed by the Authority or the Bond Bank, as applicable. All payments on the Bonds and the BANs shall be made in any coin or currency of the United States of America which, on the dates of such payments, shall be legal tender for the payment of public or private debt.

Each Bond or BAN shall be transferable or exchangeable only on the books of the District maintained for such purpose at the principal corporate trust office of the Registrar, by the registered owner thereof in person, or by his or her attorney duly authorized in writing, upon surrender of such Bond or BAN together with a written instrument of transfer or exchange satisfactory to the Registrar duly executed by the registered owner or his or her attorney duly authorized in writing, and thereupon a new fully registered Bond or Bonds or BAN or BANs in the same aggregate principal amount and of the same maturity and series shall be executed and delivered in the name of the transferee or transferees or the registered owner, as the case may be, in exchange therefor. Each Bond or BAN may be transferred or exchanged without cost to the registered owner, except for any tax or other governmental charge which may be required to be

paid with respect to such transfer or exchange. The Registrar shall not be obligated to make any transfer or exchange of any Bond or BAN (i) during the fifteen (15) days immediately preceding an Interest Payment Date or (ii) after the mailing of notice calling such Bond or BAN for redemption. The District, the Registrar and the Paying Agent may treat and consider the person in whose name any Bond or BAN is registered as the absolute owner thereof for all purposes including the purpose of receiving payment of, or on account of, the principal thereof, and redemption premium, if any, and interest thereon.

In the event any Bond or BAN is mutilated, lost, stolen or destroyed, the District may cause to be executed and the Registrar may authenticate a new Bond or BAN of like date, maturity, series and denomination as the mutilated, lost, stolen or destroyed Bond or BAN, which new Bond or BAN shall be marked in a manner to distinguish it from the Bond or BAN for which it was issued; provided, that in the case of any mutilated Bond or BAN, such mutilated Bond or BAN shall first be surrendered to the Registrar, and in the case of any lost, stolen or destroyed Bond or BAN there shall be first furnished to the Registrar evidence of such loss, theft or destruction satisfactory to the District and the Registrar, together with indemnity satisfactory to them. In the event that any such mutilated, lost, stolen or destroyed Bond or BAN shall have matured or been called for redemption, instead of causing to be issued a duplicate Bond or BAN, the Registrar and Paying Agent may pay the same upon surrender of the mutilated Bond or BAN or upon satisfactory indemnity and proof of loss, theft or destruction in the case of a lost, stolen or destroyed Bond or BAN. The District and the Registrar and Paying Agent may charge the owner of any such Bond or BAN with their reasonable fees and expenses in connection with the above. Every substitute Bond or BAN issued by reason of any Bond or BAN being lost, stolen or destroyed shall, with respect to such Bond or BAN, constitute a substitute contractual obligation of the District pursuant to this Resolution, whether or not the lost, stolen or destroyed Bond or BAN shall be found at any time, and shall be entitled to all the benefits of this Resolution, equally and proportionately with any and all other Bonds or BANs duly issued hereunder.

In the event that any Bond or BAN is not presented for payment or redemption on the date established therefor, the District may deposit in trust with the Paying Agent an amount sufficient to pay such Bond or BAN or the redemption price thereof, as appropriate, and thereafter the owner of such Bond or BAN shall look only to the funds so deposited in trust with the Paying Agent for payment and the District shall have no further obligation or liability with respect thereto.

Any series of the Bonds or BANs may, in compliance with all applicable laws, be issued and held in book-entry form on the books of the central depository system, DTC, its successors, or any successor central depository system appointed by the District from time to time (the "Clearing Agency"). The District and the Registrar may, in connection therewith, do or perform or cause to be done or performed any acts or things not adverse to the rights of the holders of such series of the Bonds or BANs, as are necessary or appropriate to accomplish or recognize such book-entry form Bonds or BANs.

During any time that a series of the Bonds or BANs is held in book-entry form on the books of a Clearing Agency (a) any such Bonds or BANs may be registered upon the books kept by the Registrar in the name of such Clearing Agency, or any nominee thereof, including Cede & Co., as nominee of DTC; (b) the Clearing Agency in whose name such Bonds or BANs are so

registered shall be, and the District and the Registrar and Paying Agent may deem and treat such Clearing Agency as, the absolute owner and holder of such Bonds or BANs for all purposes of this Resolution, including, without limitation, the receiving of payment of the principal of and premium, if any, and interest on such Bonds or BANs, the receiving of notice, and the giving of consent; (c) neither the District nor the Registrar and Paying Agent shall have any responsibility or obligation hereunder to any direct or indirect participant, within the meaning of Section 17A of the Securities Exchange Act of 1934, as amended, of such Clearing Agency, or any person on behalf of which, or otherwise in respect of which, any such participant holds any interest in any Bonds or BANs, including, without limitation, any responsibility or obligation hereunder to maintain accurate records of any interest in any Bonds or BANs or any responsibility or obligation hereunder with respect to the receiving of payment of principal of or premium, if any, or interest on any Bonds or BANs, the receiving of notice, or the giving of consent; (d) the Clearing Agency is not required to present any Bonds or BANs called for partial redemption prior to receiving payment so long as the Registrar and Paying Agent and the Clearing Agency have agreed to the method for noting such partial redemption; and (e) payment of the principal of and premium, if any, and interest on any Bonds or BANs may be made by wire transfer or other method acceptable to the Clearing Agency, as indicated in a Certificate of the Controller to such effect.

If either (i) the District receives notice from the Clearing Agency which is currently the registered owner of any series of the Bonds or BANs to the effect that such Clearing Agency is unable or unwilling to discharge its responsibility as a Clearing Agency for such Bonds or BANs or (ii) the District elects to discontinue its use of such Clearing Agency as a Clearing Agency for such Bonds or BANs, then the District and the Registrar and Paying Agent each shall do or perform or cause to be done or performed all acts or things, not adverse to the rights of the holders of such Bonds or BANs, as are necessary or appropriate to discontinue use of such Clearing Agency as a Clearing Agency for such Bonds or BANs and to transfer the ownership of each of such Bonds or BANs to such person or persons, including any other Clearing Agency, as the holder of such Bonds or BANs may direct in accordance with this Resolution. Any expenses of such discontinuance and transfer, including expenses of printing new certificates to evidence such Bonds or BANs, shall be paid by the District.

During any time that any series of the Bonds or BANs is held in book-entry form on the books of a Clearing Agency, the Registrar and Paying Agent shall be entitled to request and rely upon a certificate or other written representation from the Clearing Agency or any participant or indirect participant with respect to the identity of any beneficial owners of such Bonds or BANs as of a record date selected by the Registrar and Paying Agent. For purposes of determining whether the consent, advice, direction or demand of a registered owner of such Bonds or BANs has been obtained, the Registrar and Paying Agent shall be entitled to treat the beneficial owners of such Bonds or BANs as the holders of such Bonds or BANs.

During any time that any series of the Bonds or BANs is held in book-entry form on the books of a Clearing Agency, the District is authorized to enter into a Blanket Letter of Representations agreement with the Clearing Agency, and the provisions of any such Blanket Letter of Representations or any successor agreement shall control on the matters set forth herein

Section 4. The BANs. In anticipation of the issuance and sale of the Bonds authorized hercin, and to provide interim financing to apply to the costs of a portion of the Project, the

District is hereby authorized to have prepared and to issue and sell negotiable BANs of the District to an eligible purchaser of the BANs under Indiana Code 5-1-14-5, the Bond Bank or the Authority, pursuant to a Bond Anticipation Note Purchase Agreement (the "BAN Purchase Agreement") entered into between the District and the purchaser of the BANs, in one or more series, in an aggregate principal amount not to exceed Eight Million Three Hundred Thousand Dollars (\$8,300,000), to be designated "East Chicago Sanitary District Sanitary District Revenue Bond Anticipation Notes of 20__" (with the blank to be filled in with the last two digits of the calendar year in which such series of the BANs is issued, with an appropriate series designation in the event more than one series of BANs is expected to be issued in such calendar year). The BANs shall be issued pursuant to Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10 if sold to the Authority, pursuant to Indiana Code 5-1.5-8-6.1 if sold to the Bond Bank, or pursuant to Indiana Code 5-1-14-5 if sold to an eligible purchaser thereunder. If the BANs are sold to the Authority, the Financial Assistance Agreement shall serve as the BAN Purchase Agreement. The BANs shall be issued in fully registered form, shall be numbered consecutively from __R-1 (with the blank to be filled in with the last two digits of the calendar year in which such series of the BANs is issued, with an appropriate series designation in the event more than one series of BANs is expected to be issued in such calendar year) upwards, shall be in multiples of One Dollar (\$1), shall be dated as of the date of issuance of the BANs, and shall bear interest at a rate or rates not exceeding four percent (4.0%) per annum (or at such rate as provided in the QE Purchase Agreement if the BANs are sold to the Bond Bank or as provided in the Financial Assistance Agreement if the BANs are sold to the Authority), the exact rate or rates of interest to be determined by negotiations with the purchaser of the BANs and payable as provided in the BAN Purchase Agreement. The initial BANs delivered will mature on the date provided in the BAN Purchase Agreement. The BANs may be subject to renewal or extension, subject to the limitations set forth below, at an interest rate or rates not to exceed four percent (4.0%) per annum (or at such rate as provided in the QE Purchase Agreement if the BANs are sold to the Bond Bank or as provided in the Financial Assistance Agreement if the BANs are sold to the Authority) with the exact rate or rates to be negotiated with the purchaser of such BANs. The term of the BANs and all renewal BANs may not exceed five (5) years from the date of delivery of the initial BANs.

The principal of the BANs shall be refunded and retired out of the proceeds from the issuance and sale hereunder of the Bonds. The principal of the BANs, and the principal of and interest on the BANs prepaid in accordance with Section 5 hereof, shall be refunded by the issuance of the Bonds pursuant to, and in the manner prescribed by, the Act. The interest on the BANs shall be payable either from the Net Revenues of the Sewage Works, subject to the prior lien thereof of the 2015 Bonds, or from proceeds from the issuance and sale hereunder of the Bonds.

Section 5. Optional Prepayment of BANs; Optional Redemption of the Bonds.

(a) Optional Prepayment of BANs. The BANs are prepayable by the District, in whole or in part, upon such terms as determined by the Controller based on the advice of the District's Municipal Advisor, to be set forth in a written certificate of the Controller prior to the issuance of the BANs, upon seven (7) days' written notice to the owner of the BANs. In the case of prepayment, the principal and accrued interest due on the BANs shall be paid only from proceeds of the Bonds, except that such principal and interest due on the BANs may also be paid from other revenues and funds legally available therefor, if any, including federal or state funds available for

application to the Project; provided, however, that such funds are not pledged to the payment of the BANs.

(b) Optional Redemption of the Bonds. Each series of the Bonds shall be subject to redemption at the option of the District, upon such terms as determined by the Controller based on the advice of the District's Municipal Advisor, to be set forth in a written certificate of the Controller prior to the issuance of such series of the Bonds, provided that the redemption premium shall not exceed two percent (2%) of the par amount of the Bonds to be redeemed; provided, however, if any Bonds are sold to the SRF Program (as hereinafter defined) and registered in the name of the Authority, such Bonds shall not be redeemable at the option of the District unless and until consented by the Authority.

Official notice of such redemption of the Bonds shall be mailed by the Registrar and Paying Agent by certified or registered mail at least thirty (30) days (or, at least sixty (60) days, with respect to any series of the Bonds sold to the Authority) prior to the scheduled redemption date to each of the registered owners of the Bonds called for redemption (unless waived by any such registered owner) at the address shown on the registration books of the Registrar and Paying Agent, or at such other address as is furnished in writing by such registered owner to the Registrar; provided, however, that failure to give such notice by mailing, or any defect therein, with respect to any Bond shall not affect the validity of the proceedings for the redemption of any other Bonds. The notice shall specify the redemption price, the date and place of redemption, and the registration numbers (and, in case of partial redemption, the respective principal amounts) of the Bonds called for redemption. The place of redemption may be at the principal corporate trust office of the Registrar and Paying Agent or as otherwise determined by the District. Interest on the Bonds (or portions thereof) so called for redemption shall cease to accrue on the redemption date fixed in such notice, if sufficient funds are available at the place of redemption to pay the redemption price on the redemption date and when such Bonds (or portions thereof) are presented for payment. Any Bond redeemed in part may be exchanged for a Bond or Bonds of the same maturity in authorized denominations equal to the remaining principal amount thereof.

In addition to the foregoing notice, the District may also direct that further notice of redemption of Bonds be given, including, without limitation, and at the option of the District, notice described in paragraph (i) below given by the Registrar and Paying Agent to the parties described in paragraphs (ii) and (iii) below. No defect in any such further notice and no failure to give all or any portion of any such further notice shall in any manner defeat the effectiveness of any call for redemption of Bonds so long as notice thereof is mailed as prescribed above.

(i) If so directed by the District, each further notice of redemption given hereunder shall contain the information required above for an official notice of redemption plus (1) the CUSIP numbers of all Bonds being redeemed; (2) the date of issue of the Bonds as originally issued; (3) the rate of interest borne by each Bond being redeemed; (4) the maturity date of each Bond being redeemed; and (5) any other descriptive information needed to identify accurately the Bonds being redeemed.

(ii) If so directed by the District, each further notice of redemption shall be sent at least thirty-five (35) days before the redemption date by registered or certified mail or overnight delivery service to all registered securities depositories then in the

business of holding substantial amounts of obligations of types comprising the Bonds and to one or more national information services that disseminate notices of redemption of obligations such as the Bonds.

(iii) If so directed by the District, each such further notice shall be published one time in The Bond Buyer of New York, New York or, if the Registrar believes such publication is impractical or unlikely to reach a substantial number of the holders of the Bonds, in some other financial newspaper or journal which regularly carries notices of redemption of other obligations similar to the Bonds, such publication to be made at least thirty (30) days prior to the date fixed for redemption.

Upon the payment of the redemption price of the Bonds (or portions thereof) being redeemed and if so directed by the District, each check or other transfer of funds issued for such purpose shall bear the CUSIP number identifying, by issue and maturity, the Bonds (or portions thereof) being redeemed with the proceeds of such check or other transfer.

(c) Term Bonds. All or a portion of the Bonds may be aggregated into one or more term bonds payable from mandatory sinking fund redemption payments (the "Term Bonds") required to be made as set forth below. The Term Bonds shall have a stated maturity or maturities of January 15 and July 15 in the years consistent with the maturity schedule for the Bonds, and shall be subject to mandatory sinking fund redemption prior to maturity at a redemption price equal to one hundred percent (100%) of the principal amount thereof, plus accrued interest to the redemption date, but without premium, on January 15 and July 15 of the years and in the principal amounts consistent with the maturity schedule for the Bonds.

The Registrar and Paying Agent shall credit against any mandatory sinking fund redemption requirement for a Term Bond of a particular maturity, any Bonds of such maturity delivered to the Registrar and Paying Agent for cancellation or purchased for cancellation by the District and canceled by the Registrar and Paying Agent and not theretofore applied as a credit against any mandatory sinking fund redemption requirement. Each Bond so delivered or purchased shall be credited by the Registrar and Paying Agent at one hundred percent (100%) of the principal amount thereof against the mandatory sinking fund redemption requirements for the applicable Term Bond in inverse order of mandatory sinking fund redemption (or final maturity) dates, and the principal amount of such Term Bond to be redeemed on such mandatory sinking fund redemption dates by operation of the mandatory sinking fund requirements shall be reduced accordingly; provided, however, the Registrar and Paying Agent shall only credit Bonds against the mandatory sinking fund requirements to the extent such Bonds are received on or before forty-five (45) days preceding the applicable mandatory sinking fund redemption date.

The Registrar shall determine by lot (treating each \$5,000 (or other authorized denomination) principal amount of each Bond as a separate Bond for such purpose) the Bonds within a Term Bond of a particular maturity to be redeemed pursuant to mandatory sinking fund redemption requirements on January 15 and July 15 of each year. With respect to optional redemption of Term Bonds, an amount equal to the principal amount of the Term Bonds redeemed will be credited toward the latest scheduled mandatory sinking fund payment or payments with respect to such Term Bonds unless otherwise directed by the District.

Notice of any such mandatory sinking fund redemption shall be given in the same manner as notice of optional redemption is required to be given pursuant to this Section 5. In the event any of the Bonds are issued as Term Bonds, the form of Bond described in Section 8 hereof shall be modified accordingly. Any reference to payment of principal on Bonds shall include payment of scheduled mandatory sinking fund redemption payments

Section 6. Execution and Authentication of the Bonds and BANs. The Bonds and the BANs shall be executed in the name of the District by the manual or facsimile signature of the Mayor of the City (the "Mayor") and attested by the manual or facsimile signature of the Controller, who shall cause the seal of the City or a facsimile thereof to be affixed to each of the Bonds and the BANs. The Bonds and the BANs shall be authenticated by the manual signature of the Registrar, and no Bond or BAN shall be valid or become obligatory for any purpose until the certificate of authentication thereon has been so executed. In case any official whose signature appears on any Bond or BAN shall cease to be such official before the delivery of such Bond or BAN, the signature of such official shall nevertheless be valid and sufficient for all purposes, the same as if such official had been in office at the time of such delivery. Subject to the provisions of this Resolution regarding the registration of the Bonds and BANs, the Bonds and BANs shall be fully negotiable instruments under the laws of the State of Indiana.

Section 7. Security and Sources of Payment for the Bonds. The Bonds, as and to the extent paid for and delivered to the purchaser or purchasers thereof, together with any bonds hereafter issued on a parity therewith (to be referred to hereinafter collectively as the "bonds," unless the context otherwise requires), as to both principal and interest, shall be valid and binding special and limited revenue obligations of the District, payable solely from and secured by an irrevocable pledge of and constituting a charge upon all of the "Net Revenues" (herein defined as gross revenues, inclusive of System Development Charges (as defined below), of the Sewage Works after the deduction only for the payment of the reasonable expenses of operation, repair and maintenance, but excluding transfers for payment in lieu of property taxes ("PILOTs") of the Sewage Works of the District) of the Sewage Works, including all such Net Revenues from the existing works, the Project and all additions and improvements thereto and replacements thereof subsequently constructed or acquired, to be set aside into the Sinking Fund as herein provided. For purposes of this Resolution, "System Development Charges" shall mean the proceeds and balances from any non-recurring charges such as tap fees, subsequent connector fees, capacity or contribution fees, and other similar one-time charges that are available for deposit under this Resolution; provided, however, that any System Development Charges that are enacted under Indiana Code 36-9-25 shall be considered as Net Revenues of the Sewage Works. The Bonds shall rank on a parity basis with the 2015 Bonds. The District shall not be obligated to pay the Bonds or the interest thereon except from the Net Revenues of the Sewage Works, and the Bonds shall not constitute an indebtedness of the District within the meaning of the provisions and limitations of the constitution of the State of Indiana.

Section 8. Form of the Bonds. The form and tenor of the Bonds shall be substantially as set forth in Appendix A attached hereto and incorporated herein as if set forth at this place (with all blanks to be filled in properly and all necessary additions, modifications and deletions to be made prior to the delivery thereof).

Section 9. Issuance, Sale and Delivery of the Bonds and the BANs. (a) Generally. The Controller is hereby authorized and directed to have the Bonds and the BANs prepared, and the

Mayor and the Controller are each hereby authorized and directed to execute and attest, respectively, the Bonds and the BANs in the form and manner herein provided. The Controller is hereby authorized and directed to deliver the Bonds and the BANs to the purchaser or purchasers thereof after sale made in accordance with the provisions of the Act and this Resolution, provided that at the time of said delivery the Controller shall collect the full amount which the purchaser or purchasers have agreed to pay therefor, which shall be not less than ninety-nine percent (99.0%) of the par amount of the Bonds (or such higher percentage of the par value of the Bonds as the Controller, with the advice of the Municipal Advisor of the District, shall determine), plus accrued interest thereon to the date of delivery, if any, and in the case of the BANs, shall not be less than ninety-nine percent (99.0%) of the par amount of the BANs. The District may receive payment for the Bonds and BANs in installments. The proceeds derived from the sale of the Bonds (or the BANs, if such BANs are issued), shall be and are hereby set aside for application to the costs of the Project, including all authorized costs relating thereto, and the respective costs of issuance of the Bonds and the BANs. The authorized officers of the District are hereby authorized and directed to draw all proper and necessary warrants and to do whatever other acts and things that may be necessary or appropriate to carry out the provisions of this Resolution.

(b) Issuance, Sale and Delivery of the BANs. The District, having satisfied all the statutory requirements for the issuance of the Bonds, may elect to issue its BAN or BANs to an eligible purchaser under Indiana Code 5-1-14-5, the Bond Bank or the Authority pursuant to the BAN Purchase Agreement, to be entered into between the District and the purchaser of the BANs. The Board hereby authorizes the issuance and execution of the BAN or BANs in lieu of initially issuing Bonds to provide interim construction financing for the Project until permanent financing becomes available. It shall not be necessary for the District to repeat the procedures for the issuance of its Bonds, as the procedures followed before the issuance of the BAN or BANs are for all purposes sufficient to authorize the issuance of the Bonds and the use of the proceeds to repay the BAN or BANs. The President of the Board (the "Board President"), the Mayor and/or the Controller are, and each of them is, hereby authorized and directed to execute the BAN Purchase Agreement in such form or substance as they shall approve acting upon the advice of counsel. The Board President, the Mayor and the Controller may also take such other action or deliver such other certificates as are necessary or desirable in connection with the issuance of the BANs or the Bonds and the other documents needed for the financing as they deem necessary or desirable in connection therewith.

(c) Issuance, Sale and Delivery of the Bonds. (i) Public Sale. Any series of the Bonds may, in the discretion of the Controller, based upon the advice of the District's Municipal Advisor, be sold by public sale. In the event any series of the Bonds is sold by public sale, prior to the sale of such series of the Bonds, the Controller shall cause to be published a notice of intent to sell bonds two (2) times at least one (1) week apart in either The Times or the Post-Tribune, each of which is a newspaper of general circulation published in Lake County, Indiana, that circulates in the District (there being no newspaper published in the District), and the Court & Commercial Record, a newspaper of general circulation published in Indianapolis, Indiana. The notice of such sale or a summary thereof may also be published in The Bond Buyer, a financial journal published in the City and State of New York and/or in other publications, in the discretion of the Controller. The notice must state that any person interested in submitting a bid for such series of the Bonds may furnish in writing, at the address set forth in the notice, the person's name, address and telephone number, and that any such person may also furnish a telex

number. The notice must also state: (i) the amount of the Bonds to be offered; (ii) the denominations; (iii) the dates of maturity; (iv) the maximum rate or rates of interest; (v) the place of sale; and (vi) the time within which the name, address and telephone number must be furnished, which time must not be less than seven (7) days after the last publication of the notice. Each person so registered shall be notified of the date and time bids will be received not less than twenty-four (24) hours before the date and time of sale. The notification shall be made by telephone at the number furnished by the person, and also by telex if the person furnishes a telex number. Such notice may also include such other information as the Controller shall deem necessary.

Such notice shall provide, among other things, that each bid shall be accompanied by a certified or cashier's check or a financial surety bond from an insurance company in the amount of one percent (1%) of the principal amount of such series of the Bonds to guarantee performance on the part of the bidder; that if the Bonds are awarded to a bidder who has submitted a financial surety bond to the District, then such bidder must submit the required amount of the good faith deposit to the District in the form of a certified or cashier's check (or a wire transfer consisting of immediately available funds to the District as instructed by the District) not later than 3:00 p.m. (local time) on the next business day following the award by the District; that if such check or wire transfer is not received by that time, the financial surety bond may be drawn upon by the District to satisfy the deposit requirements; and that in the event the successful bidder shall fail or refuse to accept delivery of and pay for the Bonds as soon as the Bonds are ready for delivery, or at the time fixed in the notice of intent to sell bonds, then such check and the proceeds thereof shall become the property of the District and shall be considered as the District's liquidated damages on account of such default.

All bids for Bonds sold at public sale shall be sealed and shall be presented to the Controller at the Controller's office, and the Controller shall continue to receive all bids offered until the time fixed for the sale of the Bonds, at which time and place the Controller shall open and consider each bid. Bidders for the Bonds shall be required to name the rate or rates of interest which the Bonds are to bear, not exceeding five percent (5.0%) per annum. Such interest rate or rates shall be in multiples of one-eighth (1/8) or one-hundredth (1/100) of one percent (1%). Bids specifying more than one interest rate shall also specify the amount and maturities of the series of Bonds bearing each rate, and all Bonds of a series maturing on the same date shall bear the same rate of interest. The interest rate on a series of Bonds of a given maturity must be at least as great as the interest rate on such series of Bonds of any earlier maturity. Subject to the provisions set forth below, the Controller shall award the Bonds to the bidder offering the lowest net interest cost to the District, to be determined by computing the total interest on all of the Bonds from the date thereof to their maturities and deducting therefrom the premium bid, if any, or adding thereto the amount of any discount. No bid for less than ninety-nine percent (99.0%) of the par value of the Bonds (or such higher percentage of the par value of the Bonds as the Controller, with the advice of the Municipal Advisor to the District, shall determine prior to the publication of the notice of intent to sell), plus accrued interest at the rate or rates named to the date of delivery, will be considered. The Controller shall have full right to reject any and all bids. In the event no acceptable bid is received at the time fixed for the sale of the Bonds, the Controller shall be authorized to continue to receive bids from day to day thereafter for a period not to exceed thirty (30) days, without readvertising, pursuant to Indiana law.

The Controller is hereby authorized to determine, in the Controller's discretion, to sell the Bonds pursuant to the general provisions of Indiana Code 5-1-11 (rather than Section 2(b) thereof), and in the event of such a determination, those portions of this Section 9 which conflict with such provisions shall be deemed inapplicable.

(ii) Sale to the Bond Bank. Any series of the Bonds may, in the discretion of the Controller, based upon the advice of the District's Municipal Advisor, be sold to the Bond Bank. In the event of such determination, Bonds shall be sold to the Bond Bank in such denomination or denominations as the Bond Bank may request, and pursuant to a qualified entity purchase agreement (the "QE Purchase Agreement") between the District and the Bond Bank, hereby authorized to be entered into and executed by the Board President on behalf of the District, and attested by the Secretary of the Board, subsequent to the date of the adoption of this Resolution. Such QE Purchase Agreement may set forth the definitive terms and conditions for such sale, but all of such terms and conditions must be consistent with the terms and conditions of this Resolution, including, without limitation, the interest rate or rates on the Bonds which shall not exceed the maximum rate of interest for the Bonds authorized pursuant to this Resolution. Bonds sold to the Bond Bank shall be accompanied by all documentation required by the Bond Bank pursuant to the provisions of Indiana Code 5-1.5 and the QE Purchase Agreement, including, without limitation, an approving opinion of nationally recognized bond counsel, certification and guarantee of signatures and certification as to no litigation pending, as of the date of delivery of the Bonds to the Bond Bank, challenging the validity or issuance of the Bonds. In the event the Controller determines to sell the Bonds to the Bond Bank, the submission of an application to the Bond Bank, the entry by the District into the QE Purchase Agreement, and the execution and delivery of the QE Purchase Agreement on behalf of the District by the Board President in accordance with this Resolution are hereby authorized, approved and ratified.

(iii) Sale to the Authority. Any series of the Bonds may, in the discretion of the Controller, based upon the advice of the District's Municipal Advisor, be sold to the Authority. The Board President and the Controller are hereby authorized to submit an application to the Authority for participation in the wastewater loan program (the "SRF Program") under Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10. The Financial Assistance Agreement for the Bonds and the Project shall be executed by the District and the Authority. The substantially final form of Financial Assistance Agreement attached hereto as Appendix B and incorporated herein as if set forth in this place is hereby approved by the Board, and the Board President and the Secretary of the Board are hereby authorized to execute and attest, respectively, the same on behalf of the District and to approve any changes in form or substance to the Financial Assistance Agreement, such approval to be conclusively evidenced by their execution. The Financial Assistance Agreement may set forth the definitive terms and conditions for such sale including the purchase price and interest rate, but all of such terms and conditions must be consistent with the terms and conditions of this Resolution, including, without limitation, the interest rates on the Bonds which shall not exceed the maximum rate of interest for the Bonds authorized pursuant to this Resolution. Bonds sold to the Authority shall be accompanied by all documentation required by the Authority pursuant to Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10, and the Financial Assistance Agreement, including, without limitation, an approving opinion of a nationally recognized bond counsel, certification and guarantee of signatures and certification as to no litigation pending, as of the date of delivery of the Bonds to the Authority, challenging the validity or issuance of the

Bonds. In the event the Controller determines to sell the Bonds to the Authority, the entry by the District into the Financial Assistance Agreement, the execution of the Financial Assistance Agreement by the Board President, and, if required, the entry by the District into a purchase agreement or any other agreement with the Authority and the execution thereof by the Board President, in accordance with this Resolution are hereby authorized, approved and ratified.

Notwithstanding anything contained herein, the District may accept any other forms of financial assistance, as and if available, from the SRF Program (including without limitation (1) any forgivable loans, grants or other assistance whether available as an alternative to any Bond related provision otherwise provided for herein or as a supplement or addition thereto and (2) one or more series or combination of series of Bonds and/or BANs). If required by the SRF Program to be eligible for such financial assistance, one or more of the series of the Bonds or BANs issued hereunder may be issued on a basis such that the payment of the principal of or interest on (or both) such series of Bonds is junior and subordinate to the payment of the principal of and interest on other series of Bonds issued hereunder (and/or any other revenue bonds secured by a pledge of Net Revenues, whether now outstanding or hereafter issued), all as provided by the terms of such series of Bonds as modified pursuant to this authorization. Such financial assistance, if any, shall be as provided in the Financial Assistance Agreement and the Bonds of each series of Bonds and the BANs of each series of BANs issued hereunder (including any modification made pursuant to the authorization in this paragraph to the form of Bond otherwise contained herein).

(d) Credit Enhancement; Opinion of Bond Counsel. Prior to the delivery of the Bonds and the BANs, the Controller (i) shall be authorized to investigate, negotiate and obtain bond insurance, other forms of credit enhancement and/or credit ratings on Bonds (and the BANs, if issued) and (ii) shall obtain a legal opinion as to the validity of the Bonds (and the BANs, if issued) from Faegre Baker Daniels LLP, Indianapolis, Indiana, bond counsel for the District, with such opinion or opinions to be furnished to the purchaser or purchasers of the Bonds or to the purchaser of the BANs at the expense of the District. The costs of obtaining any such insurance, other credit enhancement and/or credit ratings, together with bond counsel's fee in preparing and delivering such opinion or opinions and in the performance of related services in connection with the issuance, sale and delivery of the Bonds and the BANs, shall be considered as a part of the cost of the Bonds or the BANs, as applicable, and shall be paid out of the proceeds of the Bonds and BANs, respectively.

Section 10. Disposition of Proceeds of the Bonds and BANs and Other Moneys. The proceeds from the sale of the BANs (or, if and to the extent the BANs are not issued, the Bonds) shall be deposited in a bank or banks which are legally qualified depositories for the funds of the District, in the special account to be designated as "East Chicago Sanitary District 2019 Sewage Works Construction Account" (the "Construction Account"). Amounts in the Construction Account shall be expended only for the purpose of paying the costs of the Project, refunding the BANs, if issued, paying the costs of issuance of the Bonds and the BANs, if the BANs are issued, or as otherwise permitted or required by the Act. Any balance or balances remaining unexpended in the Construction Account after completion of the Project, which are not required to meet unpaid obligations incurred in connection with the acquisition, construction, installation or equipping of the Project, shall be used solely for one or more of the purposes permitted under the provisions of Indiana Code 5-1-13, as amended, or be applied upon the terms forth in the Financial Assistance Agreement.

Notwithstanding the provisions of this Section 10, if BANs are issued, then the proceeds of the Bonds relating thereto shall be used to refund the BANs or to pay additional Project costs and are hereby pledged for such purposes, and any proceeds of the Bonds remaining after the BANs have been paid in full and after completion of the Project shall be used solely for one or more of the purposes permitted under the provisions of Indiana Code 5-1-13, as amended.

If the Bonds are sold to the Authority, to the extent that (i) the total principal amount of the Bonds is not paid by the purchaser or drawn down by the District or (ii) proceeds remain in the Construction Account and are not applied to the Project (or any modifications or additions thereto approved by the Department and the Authority), the District shall reduce the principal amount of the Bonds' maturities to effect such reduction in a manner that will still achieve as level an annual debt service as practicable as described in Section 3 of this Resolution subject to and upon the terms forth in the Financial Assistance Agreement.

Pursuant to the Act, the owners of the Bonds and the BANs shall be entitled to a lien on the proceeds of the Bonds and the BANs, respectively, until such proceeds are applied as required by this Resolution and by Indiana law.

Section 11. Segregation and Application of Sewage Works Revenues. All revenues derived from the operation of the Sewage Works and from the collection of sewage rates and charges (including any System Development Charges that are not considered Net Revenues) shall be deposited in a fund previously established and designated as the Revenue Fund, and shall be segregated and kept separate and apart from all other funds and bank accounts of the District. Out of said revenues the proper and reasonable expenses of operation, repair and maintenance of the Sewage Works shall be paid, the principal and interest of all bonds and fiscal agency charges of bank paying agents shall be paid, and the costs of replacements, extensions, additions and improvements shall be paid as hereinafter provided.

On the last day of each calendar month there shall be credited from the Revenue Fund to the Operation and Maintenance Fund previously established and continued hereby, a sufficient amount of the revenues of the Sewage Works so that the balance in said fund shall be sufficient to pay the expenses of operation, repair and maintenance of the works for the then next succeeding two (2) calendar months. The moneys credited to this fund shall be used for the payment of the reasonable and proper operation, repair and maintenance expenses of the Sewage Works on a day-to-day basis, but none of the moneys in the Operation and Maintenance Fund shall be used for PILOTs, depreciation, replacements, improvements, extensions or additions. Any balance in said fund in excess of the expected expenses of operation, repair and maintenance for the next succeeding calendar month may be transferred to the Sinking Fund if necessary to prevent a default in the payment of principal or interest on outstanding bonds of the Sewage Works.

Section 12. Sinking Fund. (a) There shall be deposited from the Revenue Fund into the Sinking Fund previously established and continued hereby for the payment of the interest on and principal of revenue bonds which by their terms are payable from the Net Revenues of the Sewage Works, and the payment of any fiscal agency charges in connection with the payment of such bonds and interest thereon, a sufficient amount of the Net Revenues of said Sewage Works to meet the requirements of the Bond and Interest Account and the Reserve Account previously established and continued hereby in said Sinking Fund. Such payments shall continue until the

balance in the Bond and Interest Account, plus the balance in the Reserve Account, equals the principal of and interest on all of the then outstanding bonds of the Sewage Works to the final maturity thereof.

(b) Bond and Interest Account. There shall be transferred, on or before the last day of each calendar month, from the Revenue Fund and credited to the Bond and Interest Account, an amount equal to the sum of one-sixth ($1/6$) of the interest on all then outstanding bonds of the Sewage Works payable on the then next succeeding Interest Payment Date, and one-sixth ($1/6$) of the amount of principal payable on all then outstanding bonds of the Sewage Works payable on the then next succeeding principal payment date, until the amount of interest and principal payable on the next succeeding respective interest and principal payment dates shall have been so credited; provided that such fractional amounts shall be appropriately increased, if necessary, to provide for the first interest and first principal payments on the Bonds. There shall similarly be credited to the Bond and Interest Account any amount necessary to pay the bank fiscal agency charges, if any, for paying the principal of and interest on outstanding bonds of the Sewage Works as the same become payable. The District shall, from the sums deposited in the Sinking Fund and credited to the Bond and Interest Account, remit promptly to the registered owners of the outstanding bonds of the Sewage Works or to the bank fiscal agency sufficient moneys to pay the principal and interest on the due dates thereof together with the amount of any bank fiscal agency charges.

(c) Reserve Account. On the date of delivery of each series of the Bonds, or any other bonds payable from the Reserve Account, funds on hand of the Sewage Works, proceeds of the Bonds or such other bonds or a combination thereof may be deposited into the Reserve Account. Subject to the provisions of the 2015 Resolution, the balance to be maintained in the Reserve Account shall equal but not exceed an amount (the "Reserve Requirement") equal to the least of (i) maximum annual debt service on the Bonds, the 2015 Bonds and any other bonds payable from the Reserve Account, (ii) one hundred twenty-five percent (125%) of average annual debt service on the Bonds, the 2015 Bonds and any other bonds payable from the Reserve Account, or (iii) ten percent (10%) of the proceeds of the Bonds, the 2015 Bonds and any other bonds payable from the Reserve Account. If the initial deposit into the Reserve Account does not equal the Reserve Requirement, or if no deposit is made, the District shall deposit a sum of Net Revenues into the Reserve Account on the last day of each calendar month until the balance equals the Reserve Requirement. The monthly deposits shall be equal in amount and sufficient to accumulate the Reserve Requirement within five (5) years of the date of delivery of the Bonds. The Reserve Account shall constitute the margin for safety and protection against default in the payment of principal of and interest on the Bonds and any other bonds payable from the Reserve Account, and the moneys in the Reserve Account shall be used to pay current principal and interest on the Bonds and any other bonds payable from the Reserve Account to the extent that moneys in the Bond and Interest Account are insufficient for that purpose. Any deficiency in the balance maintained in the Reserve Account shall be made up from the next available Net Revenues remaining after credits into the Bond and Interest Account. Any moneys in the Reserve Account in excess of the Reserve Requirement shall either be transferred to the Sewage Works Improvement Fund or be used for the purchase of outstanding bonds or installments of principal of fully registered bonds at a price not exceeding par and accrued interest, and redemption premium, if any.

In the event the Bonds are sold to the Authority, notwithstanding the foregoing, the Reserve Requirement shall be the combined maximum annual debt service on the Bonds and any parity bonds hereafter issued. In such event, on each January 2 subsequent to the delivery of the Bonds, beginning with the January 2 immediately succeeding completion of the Project, the Controller shall decrease, if necessary, the amount on deposit in the Reserve Account so that the remaining amount on deposit equals the Reserve Requirement, provided that the District shall provide to the Authority fifteen (15) days prior written notice of any such intended transfer from the Reserve Account. In the event additional bonds payable from the Net Revenues of the Sewage Works are hereafter issued on a parity with the Bonds, the Reserve Requirement shall be proportionately increased to equal maximum annual debt service on the Bonds and all bonds hereafter issued on a parity therewith; provided, that, if nationally recognized bond counsel is unable to provide an opinion that interest on such proposed additional parity bonds is excludable from gross income for federal income tax purposes as a result of the determination of the Reserve Requirement in the manner provided in this paragraph, then the District may, in order to allow such opinion to be issued, establish a separate reasonably required reserve fund that secures only the proposed parity bonds and shall expressly provide in the authorizing resolution for such proposed parity bonds that the moneys deposited in the Reserve Account hereby as a margin of safety for the payment of principal of and interest on the Bonds do not secure such proposed parity bonds.

The District may at any time and from time to time fund all or any part of the Reserve Account by depositing in the Reserve Account one or more debt service reserve surety bonds or insurance policies (each, a "Reserve Account Credit Instrument"), each of which is issued by an insurance company rated at the time of deposit in the highest rating category by Standard & Poor's Corporation and Moody's Investors Service. As long as any Reserve Account Credit Instrument is in full force and effect, any valuation of the Reserve Account shall treat the maximum amount available under such Reserve Account Credit Instrument as its value. If the Reserve Account Credit Instrument is provided subsequent to the initial cash contribution to the Reserve Fund, and the Bonds are purchased by the Authority, the use of a Reserve Account Credit Instrument shall be consented to by the Authority.

Prior to applying any funds held in any debt service reserve accounts securing any obligations payable out of the revenues of the sewage works of the District to the payment of such obligation, the District shall cause all funds held in the Sinking Fund (or any like fund or account from which debt service has been structured to be paid) to be applied in full before any such reserve accounts are so applied.

(d) Depository Agreements. The Sinking Fund, containing the Bond and Interest Account and the Reserve Account, and/or the Construction Account may be held by a financial institution acceptable to the Authority, pursuant to terms acceptable to the Authority. If the Sinking Fund and the accounts therein are held in trust, the District shall transfer the monthly required amounts of Net Revenues to the Bond and Interest Account and the Reserve Account, and the financial institution holding such funds in trust shall be instructed to pay the required payments in accordance with the payment schedules for the District's outstanding bonds. The Board hereby authorizes the Board President and/or the Controller to execute and deliver an agreement with a financial institution to reflect this trust arrangement for the Sinking Fund and/or the Construction Account.

Section 13. Improvement Fund. On the last day of each calendar month, after meeting the requirements for operation, repair and maintenance, and the Sinking Fund, all available Net Revenues shall be credited to the Improvement Fund previously established and continued hereby. Said fund shall be used for improvements, replacements, additions and extensions of the Sewage Works, or to make payments representing PILOTs. The District reserves the right to transfer PILOTs from the Improvement Fund no more frequently than semiannually in accordance with the Act, and only if all required transfers have been made to the Sinking Fund and the accounts of the Sinking Fund contain the required balances as of the date the PILOTs are paid. In no event shall any PILOTs be treated as an expense of operation and maintenance, nor in any case shall it be payable from the Operation and Maintenance Fund or the Sinking Fund. Moneys in the Improvement Fund shall be transferred to the Sinking Fund if necessary to prevent a default in the payment of principal and interest on the then outstanding bonds or if necessary to eliminate any deficiencies in credits to or minimum balance in the Reserve Account of the Sinking Fund. Moneys in the Improvement Fund also may be transferred to the Operation and Maintenance Fund to meet unforeseen contingencies in the operation, repair and maintenance of the Sewage Works.

Section 14. Investment of Funds. All of the amounts in the funds and accounts created pursuant to this Resolution shall be deposited in lawful depositories of the State of Indiana, and shall be continuously held and secured or invested as provided by the laws of the State of Indiana relating to the depositing, securing, holding and investing of public funds, including particularly Indiana Code 5-13, as amended and supplemented, including pursuant to Indiana Code 5-1.2-1 through Indiana Code 5-1.2-4 and Indiana Code 5-1.2-10. The amounts in the Sinking Fund shall be deposited in and maintained as a separate account or accounts from all other bank accounts of the District. The Operation and Maintenance Fund and the Improvement Fund may be maintained in a single account, or accounts, but such account or accounts shall likewise be maintained separate and apart from all other bank accounts of the District and apart from the Sinking Fund account or accounts. In no event shall any of the Net Revenues of the Sewage Works be transferred or used for any purpose not authorized by this Resolution so long as any of the bonds of the Sewage Works issued pursuant to the provisions of this Resolution shall be outstanding. Investment income earned on moneys in the funds and accounts established by this Resolution shall become a part of the funds and accounts invested (except as otherwise provided in Section 12 hereof) and shall be used only as provided in this Resolution and the 2015 Resolution. Nothing in this Section 14 or elsewhere in this Resolution shall be construed to require that separate bank accounts be established and maintained for the Funds and Accounts continued by this Resolution except that (a) the Sinking Fund and Construction Account shall be maintained as a separate bank account from the other Funds and Accounts of the Sewage Works and (b) the other Funds and Accounts of the Sewage Works shall be maintained as a separate bank account from the other funds and accounts of the District.

Section 15. Books of Record and Accounts. The District shall keep proper books of records and accounts, separate from all of its other records and accounts, in which complete and correct entries shall be made showing all revenues collected from said works and deposited in said funds, and all disbursements made therefrom on account of the operation of the works, and to meet the requirements of the Sinking Fund, and all other financial transactions relating to said works. There shall be prepared and furnished, upon written request, to any owner of the Bonds or BANs at the time then outstanding, not more than ninety (90) days after the close of each fiscal year, complete financial statements of the works, covering the preceding fiscal year.

Copies of all such statements and reports shall be kept on file in the office of the Controller. Any owner or owners of the Bonds or BANs then outstanding shall have the right at all reasonable times to inspect the works and all records, accounts and data of the District relating thereto. Such inspections may be made by representatives duly authorized by written instrument.

If the Bonds or BANs are sold to the Bond Bank or the Authority, the District shall establish and maintain the books and other financial records of the Project (including the establishment of a separate account or subaccount for the Project) and the Sewage Works in accordance with (i) generally accepted accounting standards for utilities, on an accrual basis, as promulgated by the Government Accounting Standards Board, and (ii) the rules, regulations and guidance of the State Board of Accounts.

Section 16. Rates and Charges. The District covenants and agrees that it shall, by resolution of the Board and to the fullest extent permitted by law, establish and maintain just and equitable rates or charges for the use of and the services rendered by said works, to be paid by the owner of each and every lot, parcel of real estate or building that is connected with and uses said sewage works by or through any part of the sewage works system of the District, or that in any way uses or is served by such works, at a level adequate to produce and maintain sufficient revenue (including user and other charges, fees, income or revenues available to the District) (provided that System Development Charges shall be excluded, to the extent permitted by law, when determining if such rates and charges are sufficient so long as the Bonds are outstanding and owned by the Authority as part of the SRF Program) to provide for the proper Operation and Maintenance (as defined in the Financial Assistance Agreement) of the works, to comply with and satisfy all covenants contained in this Resolution and the Financial Assistance Agreement, and for the payment of the sums required to be paid into the Sinking Fund by the Act and this Resolution.

Such rates or charges shall, if necessary, be changed and readjusted from time to time so that the revenues therefrom shall always be sufficient to meet the expenses of Operation and Maintenance of the Sewage Works and the requirements of the Sinking Fund. The rates or charges so established shall apply to any and all use of such works by and service rendered to the District and all departments thereof and shall be paid by the District as the charges accrue.

Section 17. Defeasance. If, when the Bonds or BANs issued hereunder (or portions thereof) shall have become due and payable in accordance with their terms or shall have been duly called for redemption or irrevocable instructions to call the Bonds or BANs (or portions thereof) for redemption shall have been given, and the whole amount of the principal, the interest and the premium, if any, so due and payable upon all of the Bonds or BANs (or portions thereof) then outstanding shall be paid; or (i) sufficient moneys, or (ii) direct obligations of, or obligations the principal of and interest on which are unconditionally guaranteed by, the United States of America, the principal of and the interest on which when due will provide sufficient moneys, or (iii) time certificates of deposit fully secured as to both principal and interest by obligations of the kind described in (ii) above of a bank or banks the principal of and interest on which when due will provide sufficient moneys, shall be held in trust for such purpose, and provision shall also be made for paying all fees and expenses for the redemption, then and in that case the Bonds or BANs, as applicable (or portions thereof), issued hereunder shall no longer be deemed outstanding or entitled to the pledge of the Net Revenues of the District's Sewage Works.

Section 18. Additional BANs and Bonds. The District will issue no other bonds or obligations of any kind or nature payable from or enjoying a lien on the Net Revenues of the Sewage Works having priority over the Bonds herein authorized.

The District reserves the right to authorize and issue additional BANs at any time ranking on a parity with the BANs so long as the interest is payable only on the same date(s) as that provided in the BAN Purchase Agreement and the principal is payable solely from the Bond proceeds. The District also reserves the right to authorize and issue additional bonds, payable out of the Net Revenues of its Sewage Works, ranking on a parity with the 2015 Bonds and with the Bonds authorized by this Resolution, for the purpose of financing the cost of future additions, extensions and improvements to the Sewage Works, or to refund obligations, subject to the following conditions:

(a) All required payments into the Sinking Fund shall have been made in accordance with the provisions of this Resolution, and the interest on and principal of all bonds payable from the revenues of the Sewage Works shall have been paid to date in accordance with the terms thereof.

(b) As of the date of issuance of such additional bonds, the balance in the Reserve Account shall equal (i) not less than the Reserve Requirement (not including the increase necessitated by the additional bonds) or (ii) if the additional bonds are to be issued within five (5) years of the date of the issuance of the Bonds, the balance in the Reserve Account equals the amount of aggregate monthly deposits to be made thereto in accordance with Section 12(c) of this Resolution, and the Reserve Requirement is proportionately increased in accordance with the provisions of Section 12(c) of this Resolution and the District covenants to make equal monthly deposits into the Sinking Fund over a sixty (60) month period sufficient to equal the increased Reserve Requirement.

(c) (i) The Net Revenues of the Sewage Works in the fiscal year immediately preceding the issuance of any such bonds ranking on a parity with the Bonds shall be not less than one hundred twenty-five percent (125%) of the maximum annual interest and principal requirements of the then outstanding bonds payable from the Net Revenues of the Sewage Works and the additional parity bonds proposed to be issued; or (ii) prior to the issuance of said parity bonds, the sewage rates and charges shall be increased sufficiently so that said increased rates and charges applied to the previous fiscal year's operations would have produced Net Revenues for said year equal to not less than one hundred twenty-five percent (125%) of the maximum annual interest and principal requirements of the then outstanding bonds payable from the Net Revenues of the Sewage Works and the additional parity bonds proposed to be issued. For purposes of the calculation required by this subsection for any parity bonds proposed to be issued, any PILOTs in a particular year by the District shall not be included in such calculation. For purposes of this subsection, the records of the Sewage Works shall be analyzed and all showings shall be prepared by a certified public accountant or nationally recognized firm of professionals experienced in analyzing financial records of municipal utilities retained by the District for that purpose. In addition, for purposes of this subsection with respect to any parity bonds hereafter issued, while the Bonds remain outstanding and owned by the Authority as part of its SRF Program, Net Revenues may not include any revenues from the System Development Charges unless the Authority provides its consent to include all or some portion of the System

Development Charges as part of the Net Revenues or otherwise consents to the issuance of such parity bonds without satisfying this subsection (c).

(d) The principal of said additional parity bonds shall be payable on January 15 and July 15 and the interest on said additional parity bonds shall be payable semiannually on January 15 and July 15 in the years in which such principal and interest are payable.

(e) If the Bonds are sold to the Authority, (i) the District has obtained the consent of the Authority, (ii) the District has faithfully performed and is in compliance with each of its obligations, agreements and covenants contained in the Financial Assistance Agreement and this Resolution, and (iii) the District is in compliance with its National Pollutant Discharge Elimination System permits, except for non-compliance for which the bonds are to be issued, including refunding bonds issued prior to, but part of, the overall plan to eliminate such non-compliance.

Section 19. Additional Covenants of the District. For the purpose of further safeguarding the interests of the owners of the Bonds and BANs, it is specifically provided as follows:

(a) All contracts let by the District in connection with the construction of said additions and improvements to the Sewage Works shall be let after due advertisement as required by the laws of the State of Indiana, and all contractors shall be required to furnish surety bonds in an amount equal to one hundred percent (100%) of the amount of such contracts, to insure the completion of said contracts in accordance with their terms, and such contractors shall also be required to carry such employer's liability and public liability insurance as are required under the laws of the State of Indiana in the case of public contracts, and shall be governed in all respects by the laws of the State of Indiana relating to public contracts.

(b) Said additions and improvements shall be constructed under the supervision and subject to the approval of the Consulting Engineers or such other competent engineer as shall be designated by the Board. All estimates for work done or material furnished shall first be checked by the Consulting Engineers and approved by the Board.

(c) The District shall at all times maintain its Sewage Works in good condition and operate the same in an efficient manner and at a reasonable cost.

(d) So long as any of the Bonds or BANs are outstanding, the District shall maintain insurance coverage (which must be acceptable to the Authority if the Authority owns the Bonds or the BANs), including fidelity bonds, to protect the sewage works and its operations on the insurable parts of said works of a kind and in an amount such as would normally be carried by private companies engaged in a similar type of business. All insurance shall be placed with responsible insurance companies qualified to do business under the laws of the State of Indiana. All insurance proceeds and condemnation awards shall be used in replacing or restoring the property destroyed, damaged or taken; alternatively, they may be applied as Net Revenues of the works, but only with the consent of the Authority, if the Bonds or BANs have been sold to the Authority.

(e) So long as any of the Bonds or BANs are outstanding, the District shall not mortgage, pledge or otherwise encumber such works, or any part thereof, nor shall it sell, lease or otherwise dispose of any portion thereof except to replace equipment which may become worn out or obsolete.

(f) If the Authority purchases the Bonds as part of any of its SRF Program, so long as the Bonds are outstanding and owned by the Authority, and, except as otherwise specifically provided in Section 18 hereof, the District shall not without the prior written consent of the Authority (i) enter into any lease, contract or agreement or incur any other liabilities in connection with the sewage works other than for normal operating expenditures or (ii) borrow any money (including without limitation any loan from other utilities operated by the District) in connection with the sewage works.

(g) Except as hereinbefore provided in Section 18 of this Resolution, so long as any of the Bonds are outstanding, no additional bonds or other obligations pledging any portion of the revenues of said sewage works shall be authorized, executed or issued by the District except such as shall be made subordinate and junior in all respects to the Bonds, unless all of the Bonds are redeemed, retired or defeased pursuant to Section 17 hereof coincidentally with the delivery of such additional bonds or other obligations.

(h) The District shall take all action or proceedings necessary and proper to require connection of all property where liquid and solid waste, sewage, night soil or industrial waste is produced with available sanitary sewers. The District shall, insofar as possible, cause all such sanitary sewers to be connected with said sewage works.

(i) The provisions of this Resolution shall constitute a contract by and between the District and the owners of the Bonds and BANs, and after the issuance of said Bonds and BANs, subject to the rights of the District under Section 23 hereof, this Resolution shall not be repealed or amended in any respect which will adversely affect the rights of the owners of said Bonds and BANs, nor shall the Board adopt any law, ordinance or resolution which in any way adversely affects the rights of such owners so long as any of said Bonds or BANs or the interest thereon remains unpaid. Except with respect to amendments described in Section 23(a) through (g) hereof, however, this Resolution may be amended without the consent of the owners of the Bonds or the BANs (i) if, among other things, the Board determines, in its sole discretion, that such amendment would not adversely affect the owners of the Bonds or the BANs, respectively, and (ii) as otherwise permitted pursuant to Section 23 hereof; provided, however, that if the Bonds or BANs are sold to the Authority, the District shall obtain the prior written consent of the Authority.

(j) The provisions of this Resolution shall be construed to create a trust in the proceeds of the sale of the Bonds and BANs for the uses and purposes herein set forth, and the owners of the Bonds and BANs shall retain a lien on such respective proceeds until the same are applied in accordance with the provisions of this Resolution and of the Act. The provisions of this Resolution shall also be construed to create a trust in the portion of the Net Revenues herein directed to be set apart and paid into the Sinking Fund for the uses and purposes of said fund as in this Resolution set forth. The owner of said Bonds and BANs shall have all of the rights, remedies and privileges set forth in the provisions of the Act, including the right to have a receiver appointed to administer said Sewage Works in the event of default in the payment of the

principal of or interest on any of the Bonds or BANs or in the event of default in respect to any of the provisions of this Resolution or the Act.

(k) So long as any of the BANs or Bonds are outstanding, no moneys derived from the revenues of the sewage works shall be transferred to the General Fund of the District or be used for any purpose not connected with the sewage works other than to pay PILOTs as permitted hereunder.

(l) For purposes of this Section 19, the term "lease" shall include any lease, contract or other instrument conferring a right upon the District to use property in exchange for a periodic payment made from the revenues of the sewage works, whether the District desires to cause such to be, or by its terms (or its intended effects) is to be, (i) payable as rent, (ii) booked as an expense or an expenditure, or (iii) classified for accounting or other purposes as a capital lease, financing lease, operating lease, non-appropriation leases, installment purchase agreement or lease, or otherwise (including any combination thereof).

Section 20. Permitted Actions Relating to Preservation of Exclusion of Interest from Federal Gross Income. (a) The Controller is hereby authorized to invest moneys pursuant to the provisions of this Resolution and Indiana Code 5-1-14-3 at a restricted yield (subject to applicable requirements of federal law to insure that any such investment is acquired for fair market value) to the extent necessary or advisable to preserve the exclusion from gross income of interest on the Bonds and BANs, or the tax exempt status of interest on the Bonds and BANs, under federal law.

(b) The Controller shall keep full and accurate records of investment earnings and income from moneys held in the funds and accounts created or referenced herein. In order to comply with the provisions of this Resolution, the Controller is hereby authorized and directed to employ consultants or attorneys from time to time to advise the District as to requirements of federal law to preserve the tax exclusion or exemption.

Section 21. Tax Covenants. In order to preserve the exclusion of interest on the Bonds and BANs from gross income for federal income tax purposes and as an inducement to purchasers of the Bonds and BANs, the District represents, covenants and agrees that:

(a) No person or entity or any combination thereof, other than the City, the District or any other governmental unit ("Governmental Unit") within the meaning of Section 141(b)(6) and Section 150(a)(2) of the Internal Revenue Code of 1986, as amended (the "Code"), will use more than ten percent (10%) of the proceeds of the Bonds or BANs or property financed or refinanced by the Bond or BAN proceeds other than as a member of the general public. No person or entity or combination thereof, other than the District or any other Governmental Unit will own property financed or refinanced by more than ten percent (10%) of the Bond or BAN proceeds or will have actual or beneficial use of such property pursuant to a lease, a management or incentive payment contract, an arrangement such as a take-or-pay or other type of output contract or any other type of arrangement that differentiates that person's or entity's use of such property from the use by the public at large, except pursuant to a management or similar contract which satisfies the requirements of IRS Revenue Procedure 2017-13.

(b) No Bond or BAN proceeds will be loaned to any entity or person. No Bond or BAN proceeds will be transferred, directly or indirectly, or deemed transferred to a nongovernmental person in any manner that would in substance constitute a loan of the Bond or BAN proceeds.

(c) The District will not take, or cause or permit to be taken by it or by any party under its control, or fail to take or cause or permit to fail to be taken by it or by any party under its control, any action with respect to the Bonds or BANs that would result in the loss of the exclusion from gross income for federal income tax purposes of interest on the Bonds or BANs pursuant to Section 103 of the Code, nor will the District act in any other manner which would adversely affect such exclusion. The District further covenants that it will not make any investment or do any other act or thing during the period that any Bond or BAN is outstanding hereunder which would cause any Bond or BAN to be an "arbitrage bond" within the meaning of Section 148 of the Code and the regulations applicable thereto as in effect on the date of delivery of the Bonds or BANs.

(d) The District will, to the extent necessary to preserve the exclusion of interest on the Bonds and BANs from gross income for federal income tax purposes, rebate all required arbitrage profits on Bond and BAN proceeds or other moneys treated as Bond or BAN proceeds to the federal government and will set aside such moneys in a Rebate Account to be held by the Controller in trust for such purpose.

Section 22. Compliance with Tax Sections. Notwithstanding any other provisions of this Resolution, the covenants and authorizations contained in this Resolution ("Tax Sections") which are designed to preserve the tax exempt status of interest on the Bonds and BANs or the exclusion of interest on the Bonds and BANs from gross income under federal law ("Tax Exemption") need not be complied with if the District receives an opinion of nationally recognized bond counsel that any Tax Section is unnecessary to preserve the Tax Exemption. In addition, the District is authorized to issue one or more series of Bonds or BANs, the interest on which is not excludable from gross income under federal law, in which case the Tax Sections of this Resolution shall not apply to such series of Bonds or BANs.

Section 23. Supplemental Resolutions. Without notice to or consent of the owners of the bonds or BANs herein authorized, the District may, from time to time and at any time, adopt a resolution or resolutions supplemental hereto (which supplemental resolution or resolutions shall thereafter form a part hereof) for any of the following purposes:

(i) To cure any ambiguity or formal defect or omission in this Resolution or in any supplemental resolution or to make any other change authorized herein;

(ii) To grant to or confer upon the owners of the Bonds and BANs any additional benefits, rights, remedies, powers, authority or security that may lawfully be granted to or conferred upon the owners of the Bonds and BANs or to make any change which, in the judgment of the District, is not to the prejudice of the owners of the Bonds or BANs;

(iii) To modify, amend or supplement this Resolution to permit the qualification of the Bonds or BANs for sale under the securities laws of the United States

of America or of any of the states of the United States of America or to obtain or maintain bond insurance or other credit enhancement with respect to payments of principal of and interest on Bonds or BANs;

(iv) To provide for the refunding or advance refunding of the Bonds;

(v) To procure a rating on the Bonds from a nationally recognized securities rating agency or agencies designated in such supplemental resolution if such supplemental resolution will not adversely affect the owners of the Bonds or any other bonds ranking on a parity with such Bonds; or

(vi) To accomplish any other purpose which, in the judgment of the District, does not adversely affect the interests of the owners of the Bonds or BANs;

provided, however, that if the Bonds or BANs are sold to the Authority, the District shall obtain the prior written consent of the Authority.

Subject to the terms and provisions contained in this Section 23 and Section 19(i) of this Resolution, and not otherwise, the owners of not less than sixty-six and two-thirds percent (66-2/3%) in aggregate principal amount of the Bonds issued pursuant to this Resolution and then outstanding shall have the right, from time to time, anything contained in this Resolution to the contrary notwithstanding, to consent to and approve the adoption by the District of such resolution or resolutions supplemental hereto as shall be deemed necessary or desirable by the District for the purpose of modifying, altering, amending, adding to or rescinding in any particular any of the terms or provisions contained in this Resolution, or in any supplemental resolution; provided, however, that if the Bonds or BANs are sold to the Authority, the District shall obtain the prior written consent of the Authority; and provided, further, that nothing herein contained shall permit or be construed as permitting:

(a) An extension of the maturity of the principal of or interest on any Bond issued pursuant to this Resolution; or

(b) A reduction in the principal amount of any Bond or the redemption premium or the rate of interest thereon; or

(c) The creation of a lien upon or a pledge of the Net Revenues of the sewage works ranking prior to the pledge thereof created by this Resolution; or

(d) A preference or priority of any Bond or Bonds issued pursuant to this Resolution over any other Bond or Bonds issued pursuant to the provisions of this Resolution; or

(e) A reduction in the aggregate principal amount of the Bonds required for consent to such supplemental resolution; or

(f) A reduction in the Reserve Requirement; or

(g) The extension of mandatory sinking fund redemption dates, if any.

If the owners of not less than sixty-six and two-thirds percent (66-2/3%) in aggregate principal amount of the Bonds outstanding at the time of adoption of such supplemental resolution shall have consented to and approved the adoption thereof by written instrument to be maintained on file in the office of the District, no owner of any Bond issued pursuant to this Resolution shall have any right to object to the adoption of such supplemental resolution or to object to any of the terms and provisions contained therein or the operation thereof, or in any manner to question the propriety of the adoption thereof, or to enjoin or restrain the District or its officers from adopting the same, or from taking any action pursuant to the provisions thereof. Upon the adoption of any supplemental resolution pursuant to the provisions of this Section 23, this Resolution shall be, and shall be deemed, modified and amended in accordance therewith, and the respective rights, duties and obligations under this Resolution of the District and all owners of Bonds issued pursuant to the provisions of this Resolution then outstanding, shall thereafter be determined, exercised and enforced in accordance with this Resolution, subject in all respects to such modifications and amendments. Notwithstanding anything contained in the foregoing provisions of this Resolution, the rights and obligations of the District and of the owners of the Bonds authorized by this Resolution, and the terms and provisions of the Bonds and this Resolution, or any supplemental resolution, may be modified or altered in any respect with the consent of the District and the consent of the owners of all the Bonds issued pursuant to this Resolution then outstanding.

Section 24. Official Statement. Any series of the Bonds may be offered and sold pursuant to an Official Statement or other offering document with respect to such Bonds (the "Official Statement"), to be made available and distributed in such manner, at such times, for such periods and in such number of copies as may be required pursuant to Rule 15c2-12 promulgated by the United States Securities and Exchange Commission (the "Rule") and any and all applicable rules and regulations of the Municipal Securities Rulemaking Board. The District hereby authorizes the Controller (a) to authorize and approve a Preliminary Official Statement, as the same may be appropriately confirmed, modified and amended for distribution as the Preliminary Official Statement of the District; (b) on behalf of the District, to designate the Preliminary Official Statement a "final" Official Statement with respect to such Bonds, subject to completion as permitted by and otherwise pursuant to the Rule; and (c) to authorize and approve the Preliminary Official Statement to be placed into final form and to enter into such agreements or arrangements as may be necessary or advisable in order to provide for the distribution of a sufficient number of copies of the Official Statement under the Rule. The Board President and the Secretary of the Board are further authorized to execute and attest, respectively, an agreement in connection with the offering of such Bonds in accordance with the Rule by which the District agrees to undertake such continuing disclosure obligations as may be required under the Rule.

Section 25. Repeal of Conflicting Resolutions. All resolutions and orders, or parts thereof, in conflict with the provisions of this Resolution, are, to the extent of such conflict, hereby repealed; provided, however, that this Resolution shall not be deemed in any way to repeal, amend, alter or modify any of the 2015 Resolution, nor be construed as adversely affecting the rights of any of the owners of the outstanding 2015 Bonds.

Section 26. Rates and Charges. The estimate of rates and charges which will be needed and charged to the general classes of users of property to be served by the Sewage Works in order to provide sufficient moneys to make payments of principal of and interest on the Bonds, along with the other payments identified in this Resolution, is set forth in the Board's existing

Rate Resolution, as amended to the date hereof, and as said Rate Resolution may be hereafter further amended.

Section 27. Payments on Holidays. If the date of making any payment or the last date for performance of any act or the exercising of any right, as provided in this Resolution, shall be a legal holiday or a day on which banking institutions in the District or the town or city in which the Registrar and Paying Agent is located are typically closed, such payment may be made or act performed or right exercised on the next succeeding day not a legal holiday or a day on which such banking institutions are typically closed, with the same force and effect as if done on the nominal date provided in this Resolution, and no interest shall accrue for the period after such nominal date. Notwithstanding the foregoing, with respect to any Bonds sold to the Authority pursuant to Section 9 of this Resolution, if the date for making any payment is a day when financial institutions are not open for business, such payment shall be made on the business day immediately preceding such payment date.

Section 28. Separability. If any section, paragraph or provision of this Resolution shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph or provision shall not affect any of the remaining provisions of this Resolution.

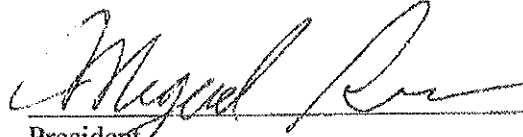
Section 29. Captions. The captions in this Resolution are inserted only as a matter of convenience and reference, and such captions are not intended and shall not be construed to define, limit, establish, interpret or describe the scope, intent or effect of any provision of this Resolution.

Section 30. Effectiveness. This Resolution shall be in full force and effect from and after its passage.

* * * * *


Adopted this 7th day of November, 2019.

BOARD OF SANITARY
COMMISSIONERS OF THE
EAST CHICAGO SANITARY DISTRICT



President

Vice President



Member

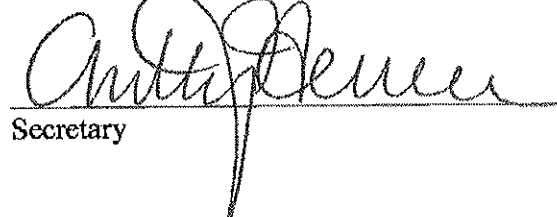


Member



Member

ATTEST:



Secretary

APPENDIX A

[Form of Bond]

UNITED STATES OF AMERICA
STATE OF INDIANA, COUNTY OF LAKE
EAST CHICAGO SANITARY DISTRICT
SANITARY DISTRICT REVENUE BOND, SERIES 20__

No. __ R-__

[Maturity Date]	Interest Rate	Original Date	Authentication Date	[CUSIP No.]
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Registered Owner:

Principal Amount: \$

The East Chicago Sanitary District (the "District"), in Lake County, State of Indiana, for value received, hereby promises to pay to the Registered Owner specified above, or registered assigns, upon surrender hereof, solely out of the special revenue fund hereinafter referred to, the Principal Amount stated above, [on the Maturity Date stated above] [or so much thereof as may be advanced from time to time and be outstanding as evidenced by the records of the registered owner making payment for this Bond, on January 15 and July 15 in the years and in the amounts as set forth on Schedule A attached hereto] (unless this bond be subject to and shall have been called for redemption prior to maturity as hereinafter provided), and to pay interest hereon until the Principal Amount is fully paid at the Interest Rate per annum specified above from the interest payment date to which interest has been paid next preceding the Authentication Date of this bond unless this bond is authenticated after the last day of the month immediately preceding an interest payment date and on or before such interest payment date, in which case it shall bear interest from such interest payment date, or unless this bond is authenticated on or before _____, 20__, in which case it shall bear interest from the Original Date specified above, which such interest is payable semiannually on January 15 and July 15 of each year, commencing _____ 15, 20__. Interest shall be calculated on the basis of twelve (12) thirty (30)-day months for a three hundred sixty (360)-day year.

The principal of this bond is payable at the principal office of _____ in the _____ of _____, Indiana, as Registrar and Paying Agent (which term shall include any successor registrar and paying agent). All payments of interest hereon will be paid by check or draft mailed or delivered by the Paying Agent to the Registered Owner hereof at the address as it appears on the registration books of the Registrar as of the last day of the calendar month immediately preceding the applicable interest payment date or at such other address as is furnished to the Paying Agent in writing by such Registered Owner. All payments on this bond

shall be made in any coin or currency of the United States of America which, on the dates of such payments, shall be legal tender for the payment of public and private debts.

[Notwithstanding the foregoing, if payment of principal or interest is made to a depository, payment shall be by wire transfer on the payment date in same day funds.] [Notwithstanding the foregoing paragraph, so long as this bond is registered in the name of the Indiana Finance Authority (the "Authority"), principal of and interest on this bond shall be paid by wire transfer to a financial institution designated by the Authority on the due date of such payment or, if such date is a day when financial institutions are not open for business, on the business day immediately preceding such due date. So long as the Authority is the registered owner of this bond, this bond shall be presented for payment as directed by the Authority.]

[So long as the Authority is the registered owner of this bond, it is understood that the principal hereof shall not be payable and interest hereon shall not accrue until such principal amount has been advanced pursuant to a request made by the District to the Authority.]

This bond and the other bonds of this issue, together with the interest payable hereon and thereon, are payable solely from and secured by an irrevocable pledge of and constitute a charge upon all of the Net Revenues (herein defined as the gross revenues, inclusive of System Development Charges (as defined in the hereinafter-defined Resolution), after the deduction only for the payment of the reasonable expenses of operation, repair and maintenance of the sewage works of the District (the "Sewage Works"), but excluding transfers for PILOTs (as defined in the Resolution)) of the Sewage Works, including the existing works, [the improvements and extensions acquired or constructed out of the proceeds of this bond and the issue of which it is a part,] and all additions and improvements thereto subsequently acquired or constructed. This bond and the other bonds of this issue rank on a parity basis with the 2015 Bonds, as defined in the Resolution. The District shall not be obligated to pay the principal of or interest on this bond except from the special fund, entitled the "Sinking Fund" (heretofore created by resolution of the District and continued under the Resolution), provided from the Net Revenues of such sewage works, and neither this bond nor any of the bonds of the issue of which this bond is a part shall constitute an indebtedness of the District within the meaning of the provisions and limitations of the constitution of the State of Indiana.

This bond is one of an authorized issue of bonds of the East Chicago Sanitary District, of like tenor and effect, except as to series, numbering, interest rate and date of maturity, in the total amount not to exceed _____ Dollars (\$ _____) numbered from ___ R-1 upward, issued for the purpose of providing funds to pay the cost of certain improvements and extensions to the sewage works of the District (the "Sewage Works"), [and to refund notes issued in anticipation of bonds,] and all expenses necessarily incurred in connection with the issuance of such bonds, as authorized by a resolution adopted by the Board of the District on the ____ day of _____, 2019, entitled "A resolution authorizing the acquisition, construction, installation and equipping by the East Chicago Sanitary District, of certain improvements and extensions to the District's sewage works, the issuance and sale of revenue bonds to provide funds for the payment of the costs thereof, the issuance and sale of bond anticipation notes in anticipation of the issuance and sale of such bonds, and the collection, segregation and distribution of the revenues of such sewage works and other related matters" (the

"Resolution"), and in strict compliance with the provisions of Indiana Code, Title 36, Article 9, Chapter 25, and the laws amendatory thereof and supplemental thereto (collectively, the "Act").

Reference is hereby made to the Resolution for a description of the nature and extent of the rights, duties and obligations of the owner of the bonds and the District and the terms on which this bond is issued, and to all the provisions of the Resolution to which the owner hereof by the acceptance of this bond assents. [Reference is hereby made to the Financial Assistance Agreement between the District and the Authority as to certain terms and covenants pertaining to the sewage works project and this bond (the "Financial Assistance Agreement").]

This bond is issuable only in fully registered form in the denomination of _____ Dollars (\$_____) or any integral multiple thereof not exceeding the aggregate principal amount of the bonds of this issue maturing in any one year[, unless this bond is of a series of bonds sold to the Bond Bank or the Authority, in which case it may be of such denomination as directed].

Pursuant to the provisions of the Act and the Resolution, the principal of and interest on this bond and all other bonds of this issue, together with the 2015 Bonds and any bonds hereafter issued on a parity herewith and therewith, are secured by and are payable solely from the Sinking Fund heretofore created, and continued by the Resolution, to be provided from the Net Revenues of the Sewage Works, including the existing works, the improvements and extensions acquired or constructed out of the proceeds of this bond and the issue of which it is a part, and all additions and improvements thereto and replacements thereof subsequently constructed and acquired. This bond does not and shall not constitute an indebtedness of the District within the meaning of the provisions and limitations of the constitution of the State of Indiana, and the District is not and shall not be obligated to pay this bond or the interest thereon except from such special fund provided from such Net Revenues.

The District irrevocably pledges the entire Net Revenues of the Sewage Works to the extent necessary for such purposes, to the prompt payment of the principal of and interest on the bonds of this issue authorized pursuant to the Resolution, including this bond and any bonds hereafter issued on a parity herewith. The District covenants that it will to the fullest extent permitted by law cause to be fixed, maintained and collected such rates and charges for services rendered by such works as are sufficient in each year for the payment of the proper and reasonable expenses of Operation and Maintenance [(as defined in the Financial Assistance Agreement)] of said works, to comply with and satisfy all covenants contained in the Resolution [and the Financial Assistance Agreement], and for the payment of the sums required to be paid into said Sinking Fund under the provisions of said Act and said Resolution. In the event the District, or the proper officers thereof, shall fail or refuse to so fix, maintain and collect such rates or charges, or if there be a default in the payment of the principal of or interest on this bond, the Registered Owner of this bond shall have all of the rights and remedies provided for in the Act, including the right to have a receiver appointed to administer the works and to charge and collect rates sufficient to provide for the payment of the principal of and interest on this bond.

The District further covenants that it will set aside and pay into its Sinking Fund a sufficient amount of the Net Revenues of the Sewage Works to meet (a) the interest on all bonds payable from the revenues of the Sewage Works, as such interest shall fall due, (b) the necessary fiscal agency charges for paying all bonds and interest, (c) the principal of all bonds payable

from the revenues of the Sewage Works, and (d) an additional amount as a margin of safety to create the reserve required by the Resolution.

The District reserves the right pursuant to the terms and conditions of the Resolution to authorize and issue additional bonds hereafter payable out of the New Revenues of the Sewage Works, ranking on a parity herewith or junior hereto for the purpose of financing future extensions and improvements to the Sewage Works or to refund outstanding sanitary district revenue bonds.

The bonds of this issue maturing on or after _____ 15, 20____, are subject to redemption prior to maturity, at the option of the District, in whole or in part, on _____ 15, 20____, or at any time thereafter, in inverse order of maturity and by lot within any such maturity or maturities by the Registrar at a redemption price expressed as a percentage of the principal amount of each bond to be redeemed in accordance with the following schedule, plus accrued interest to the date of redemption [(provided, however, if the bonds are sold to the SRF Program (as defined in the Resolution) and registered in the name of the Authority, such bonds shall not be redeemable at the option of the District unless and until consented by the Authority)]:

Redemption Period
(Both Dates Inclusive)

Redemption Price

Notice of any such redemption shall be sent by registered or certified mail to the Registered Owner of this bond at least [thirty (30)] [sixty (60)] days prior to the date fixed for redemption, unless such notice is waived by the Registered Owner. The notice shall specify the redemption price, the date and place of redemption, and the registration numbers (and in case of partial redemption, the respective principal amounts) of the bonds called for redemption. Interest on bonds so called for redemption shall cease to accrue on the redemption date fixed in such notice, so long as sufficient funds are available at the place of redemption to pay the redemption price on the redemption date or when presented for payment.

If this bond or a portion hereof shall have become due and payable in accordance with its terms or this bond or a portion hereof shall have been duly called for redemption or irrevocable instructions to call this bond or a portion hereof for redemption shall be given and the whole amount of the principal and the premium, if any, and interest, so due and payable upon this bond or such portion hereof shall be paid, or (i) sufficient moneys, or (ii) direct obligations of, or obligations the principal of and interest on which are unconditionally guaranteed by the United States of America, the principal of and the interest on which when due will provide sufficient moneys for such purpose, or (iii) time certificates of deposit of a bank or banks, fully secured as to both principal and interest by obligations of the kind described in (ii) above, the principal of and interest on which when due will provide sufficient moneys for such purpose, shall be held in trust for such purpose, and provision shall also be made for paying all fees and expenses for the redemption, then and in that case this bond or such portion hereof shall no longer be deemed outstanding, entitled to the pledge of the Net Revenues of the sewage works or an obligation of the District.

If this bond shall not be presented for payment or redemption on the date fixed therefor, the District may deposit in trust with the Paying Agent an amount sufficient to pay such bond or the redemption price, as appropriate, and thereafter the Registered Owner shall look only to the funds so deposited in trust with the Paying Agent for payment, and the District shall have no further obligation or liability with respect thereto.

Subject to the provisions of the Resolution regarding the registration of such bonds, this bond and all other bonds of this issue of which this bond is a part are fully negotiable instruments under the laws of the State of Indiana. This bond is transferable or exchangeable only on the books of the District maintained for such purpose at the principal office of the Registrar, by the Registered Owner hereof in person, or by his attorney duly authorized in writing, upon surrender of this bond together with a written instrument of transfer or exchange satisfactory to the Registrar duly executed by the Registered Owner or his attorney duly authorized in writing, and thereupon a new fully registered bond or bonds in the same aggregate principal amount and of the same maturity shall be executed and delivered in the name of the transferee or transferees or the Registered Owner, as the case may be, in exchange therefor. This bond may be transferred or exchanged without cost to the Registered Owner or his attorney duly authorized in writing, except for any tax or other governmental charge which may be required to be paid with respect to such transfer or exchange. The Registrar shall not be obligated to make any exchange or transfer of this bond (i) during the fifteen (15) days immediately preceding an interest payment date on this bond or (ii) after the mailing of any notice calling this bond for redemption. The District, the Registrar and any Paying Agent for this bond may treat and consider the person in whose name this bond is registered as the absolute owner hereof for all purposes including for the purpose of receiving payment of, or on account of, the principal hereof and the redemption premium, if any, and interest due hereon.

In the event this bond is mutilated, lost, stolen or destroyed, the District may cause to be executed and the Registrar may authenticate a new bond of like date, maturity and denomination as this bond, which new bond shall be marked in a manner to distinguish it from this bond; provided, that in the case of this bond being mutilated, this bond shall first be surrendered to the Registrar, and in the case of this bond being lost, stolen or destroyed, there shall first be furnished to the Registrar evidence of such loss, theft or destruction satisfactory to the District and to the Registrar, together with indemnity satisfactory to them. In the event that this bond, being mutilated, lost, stolen or destroyed, shall have matured or been called for redemption, instead of causing to be issued a duplicate bond the Registrar may pay this bond upon surrender of this mutilated bond or upon satisfactory indemnity and proof of loss, theft or destruction in the event this bond is lost, stolen or destroyed. In such event, the District and the Registrar may charge the owner of this bond with their reasonable fees and expenses in connection with the above. Every substitute bond issued by reason of this bond being lost, stolen or destroyed shall, with respect to this bond, constitute a substitute contractual obligation of the District, whether or not this bond, being lost, stolen or destroyed shall be found at any time, and shall be entitled to all the benefits of the Resolution, equally and proportionately with any and all other bonds duly issued thereunder.

In the manner provided in the Resolution, the Resolution and the rights and obligations of the District and the owners of the bonds of this issue authorized thereunder, including this bond, may (with certain exceptions as stated in the Resolution) be modified or amended with the

consent of the owners of at least sixty-six and two-thirds percent (66-2/3%) in aggregate principal amount of such bonds exclusive of any such bonds which may be owned by the District.

The Registered Owner of this bond, by the acceptance hereof, hereby agrees to all the terms and provisions contained in the Resolution.

The District, the Registrar and the Paying Agent may deem and treat the Registered Owner hereof as the absolute owner hereof for the purpose of receiving payment of or on account of principal hereof and the interest due hereon and for all other purposes, and none of the District, the Registrar or the Paying Agent shall be affected by any notice to the contrary.

This bond shall not be valid or become obligatory for any purpose or entitled to any security or benefit under the Resolution herein described unless and until the certificate of authentication hereon shall have been executed by a duly authorized representative of the Registrar.

The District hereby certifies, recites and declares that all acts, conditions and things required to be done precedent to and in the preparation, execution, issuance and delivery of this bond have been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, the East Chicago Sanitary District, in Lake County, State of Indiana, has caused this bond to be executed in the name of the City of East Chicago, Indiana, acting for and on behalf of the Sanitary District, by the manual or facsimile signature of the Mayor of the City of East Chicago, and the corporate seal of the City of East Chicago to be hereunto affixed or impressed by any means and attested by the manual or facsimile signature of the Controller of the City of East Chicago.

CITY OF EAST CHICAGO, INDIANA

By: _____
Mayor

(Seal of the City)

ATTEST:

Controller

REGISTRAR'S CERTIFICATE OF AUTHENTICATION

This bond is one of the East Chicago Sanitary District Sanitary District Revenue Bonds, Series 20____, issued and delivered pursuant to the provisions of the within-mentioned Resolution.

By: _____
Authorized Officer

ASSIGNMENT

FOR VALUE RECEIVED the undersigned hereby sells, assigns and transfers unto _____ (insert name and address) the within bond and all rights thereunder, and hereby irrevocably constitutes and appoints _____ attorney to transfer the within bond on the books kept for the registration thereof with full power of substitution in the premises.

Dated: _____

NOTICE: The signature to this assignment must correspond with the name as it appears on the face of the within bond in every particular, without alteration or enlargement or any change whatsoever.

Signature Guarantee:

NOTICE: Signature(s) must be guaranteed by an eligible guarantor institution participating in a Security Transfer Association recognized signature guarantee program.

[SCHEDULE A
PRINCIPAL PAYMENT SCHEDULE

<u>Date</u>	<u>Principal Amount]</u>
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APPENDIX B

FORM OF FINANCIAL ASSISTANCE AGREEMENT

**STATE OF INDIANA
WASTEWATER REVOLVING LOAN PROGRAM**

FINANCIAL ASSISTANCE AGREEMENT made as of this ____ day of ____ 2019 by and between the Indiana Finance Authority (the "Finance Authority"), a body politic and corporate, not a state agency but an independent instrumentality of the State of Indiana (the "State") and the East Chicago Sanitary District of the City of East Chicago, Indiana (the "Participant" or the "District"), a political subdivision as defined in I.C. 5-1.2-2-57 and existing under I.C. 36-9-25, and the City of East Chicago, Indiana (the "City") through whom certain undertakings are herein made, witnesseth:

WHEREAS, the State's Wastewater Revolving Loan Program (the "Wastewater SRF Program") has been established in accordance with the federal Clean Water Act and the regulations promulgated thereunder, and pursuant to I.C. 5-1.2-10 (the "Wastewater SRF Act"), which Wastewater SRF Act also establishes the wastewater revolving loan fund (the "Wastewater SRF Fund"); and

WHEREAS, pursuant to the Wastewater SRF Act, the State was authorized to fund the Wastewater SRF Program with federal capitalization grants, together with required state matching funds therefor, and to operate the Wastewater SRF Program, and prior to May 15, 2005 so funded and operated the Wastewater SRF Program; and

WHEREAS, pursuant to Public Law 235 - 2005, by operation of law and effective May 15, 2005, the Finance Authority has become the successor to the State in all matters related to the Wastewater SRF Program (including use and acceptance of federal capitalization grants and required state matching funds and operation of the Wastewater SRF Program); and

WHEREAS, the Participant is a duly existing political subdivision of the State, lawfully empowered to undertake all transactions and execute all documents mentioned or contemplated herein; and

WHEREAS, the City has previously entered into (a) two Financial Assistance Agreement with the State (in its capacity as predecessor to the Finance Authority in matters related to the Wastewater SRF Program and the Drinking Water SRF Program), dated as of December 27, 1996 and June 17, 2002, respectively, (b) a Financial Assistance Agreement with the Finance Authority (related to the Drinking Water SRF Program), dated December 22, 2017, and (c) an Amended and Restated Financial Assistance Agreement with the Finance Authority (related to the Drinking Water SRF Program), dated as of November 12, 2009 (each a "Prior Agreement" and, collectively, the "Prior Agreements") to borrow money from the Wastewater and Drinking Water SRF Programs to construct and acquire separate projects (as described and defined in the

B-1

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Prior Agreements).

WHEREAS, the Participant has determined to undertake a wastewater treatment system project (as more fully described herein, the "Project") and to borrow money from the Wastewater SRF Program to construct and acquire the Project; and

WHEREAS, the Finance Authority and the Participant desire to set forth the terms of such financial assistance as hereinafter provided.

NOW THEREFORE, in consideration of the mutual covenants herein set forth, the Finance Authority and the Participant agree as follows:

ARTICLE I **DEFINITIONS**

Section 1.01. Definitions. The following terms shall, for all purposes of this Agreement, have the following meaning:

"Agency" shall mean the United States Environmental Protection Agency or its successor.

"Asset Management Program" means programs, plans and documentation (including a Fiscal Sustainability Plan) that demonstrates that the Participant has the financial, managerial, technical, and legal capability to operate and maintain its Treatment Works and which is consistent with SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act.

"Authorizing Instrument(s)" shall mean the separate trust indenture(s) of the Participant entered into with a corporate trustee or the detailed resolution(s) or ordinance(s) of the Board pursuant to which the Bonds are issued in accordance with State law and herein shall include the Bond Resolution.

"Authorized Representative" shall mean the Controller or the District Manager or such other officer, official, or representative of the Board duly authorized to act for and on behalf of the Participant as provided for herein.

"Board" shall mean the Board of Sanitary Commissioners of the Participant.

"Bond" or **"Bonds"** shall mean the instrument(s) which evidence(s) the Loan, as authorized by the Authorizing Instrument and containing the terms set forth in Section 2.02 of this Agreement.

"Bond Fund" shall mean the separate and segregated fund or account established and created by the Participant pursuant to the Authorizing Instrument from which payment of the principal of and interest on the Bonds is required to be made by the Participant.

“Bond Resolution” shall mean the District’s Bond Resolution No. _____, adopted on _____, 2019.

“Business Day” shall mean any day other than a Saturday, Sunday or State legal holiday or any other day on which financial institutions in the State are authorized by law to close and to remain closed.

“Clean Water Act” shall mean the Federal Water Pollution Control Act, 33 U.S.C. Sections 1251-1387, and other laws, regulations and guidance supplemental thereto (including the 2014 Appropriations Act and the Water Resources Reform and Development Act of 2014), as amended and supplemented from time to time.

“Code” shall mean the Internal Revenue Code of 1986, as amended and supplemented from time to time, together with the regulations related thereto.

“Construction Fund” shall mean the separate and segregated fund or account established and created by the Participant pursuant to the Authorizing Instrument to receive proceeds of the Bonds and from which Eligible Costs of the Project may be paid by the Participant.

“Credit Instrument” means a letter of credit, surety bond, liquidity facility, insurance policy or comparable instrument furnished by a Credit Provider that is used by the Participant to meet all or a portion of any debt service reserve requirement securing the Bonds or any other bonds payable from the revenues of the Treatment Works, which bonds are on a parity with the Bonds.

“Credit Provider” means a bank, insurance company, financial institution or other entity providing a Credit Instrument.

“Department” shall mean the Indiana Department of Environmental Management created under I.C. 13-13-1-1 or its successor.

“Deposit Agreement” shall mean an agreement between the Participant and the Deposit Agreement Counterparty in such form as from time to time determined by the Finance Authority pursuant to which (a) the Participant’s Bond Fund (including any reserve account established and created by the Participant pursuant to the Authorizing Instrument related thereto) shall be held by such Deposit Agreement Counterparty and available for payment of the Bonds and any other similar obligations of the Participant that are payable from the Bond Fund regardless whether they are on a parity basis, (b) such Deposit Agreement Counterparty serves as the paying agent for the Bonds and any other such similar obligations of the Participant that are payable from the Bond Fund, and (c) the Participant’s Construction Fund may be held by such Deposit Agreement Counterparty upon any Loan disbursement by the Finance Authority to it from time to time.

“Deposit Agreement Counterparty” shall mean the financial institution that enters into a Deposit Agreement with the Participant, which financial institution shall be approved by the Finance Authority and may be replaced by the Finance Authority from time to time.

“Director of Environmental Programs” shall mean the person designated by the Finance Authority as authorized to act as the Director of Environmental Programs (which designation includes such Director’s assumption of the duties previously assigned to the Wastewater SRF Program Representative and the Wastewater SRF Program Director) and where not limited, such person’s designee.

“Disbursement Agent” shall mean the party disbursing the Loan to or for the benefit of the Participant, which shall be the Trustee unless amounts are held in the Construction Fund, in which case the Disbursement Agent shall thereafter be the Deposit Agreement Counterparty as the party disbursing amounts that are held in the Construction Fund unless otherwise agreed by the Finance Authority.

“Disbursement Request” shall mean a request for a disbursement of the Loan made by an Authorized Representative in such form as the Finance Authority may from time to time prescribe.

“Eligible Cost” shall mean and include, whether incurred before or after the date of this Agreement, all costs which have been incurred and qualify for Financial Assistance, including engineering, financing and legal costs related thereto.

“Finance Authority” shall mean the Indiana Finance Authority, a body politic and corporate, not a state agency but an independent instrumentality of the State.

“Finance Authority Bonds” shall mean any Finance Authority State Revolving Fund Program Bonds or other similar obligations of the Finance Authority issued as a part of the Wastewater SRF Program within the meaning of the Wastewater SRF Indenture.

“Financial Assistance” shall mean the financial assistance authorized by the Clean Water Act, including the Loan.

“Fiscal Sustainability Plan” means in connection with a project that provides for the repair, replacement, or expansion of an existing Treatment Works, a plan that is consistent with SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act and includes (a) an inventory of critical assets that are a part of the Treatment Works, (b) an evaluation of the condition and performance of inventoried assets or asset groupings; (b) a certification that the Participant has evaluated and will be implementing water and energy conservation efforts as part of the plan; and (d) a plan for maintaining, repairing, and, as necessary, replacing the Treatment Works and a plan for funding such activities.

“Loan” shall mean the purchase of the Bonds by the Finance Authority to finance the planning, designing, constructing, renovating, improving and expanding of the Participant’s Treatment Works or refinance an existing debt obligation where such debt was incurred and

building of such systems began after March 7, 1985, but does not mean the provision of other Financial Assistance.

“Loan Reduction Payment” shall mean in any circumstances where there is a balance (inclusive of Loan proceeds and any earnings) in the Construction Fund, any action causing such balance to be applied to a reduction in the maximum aggregate amount of the Loan outstanding other than pursuant to regularly scheduled principal payments or optional redemptions applicable to the Bonds. A Loan Reduction Payment shall not be applicable unless Loan amounts are held in the Construction Fund.

“Net Revenues” shall have the meaning ascribed to such term in the Bond Resolution.

“Non-Use Close-out Date” shall mean that date which is the earlier of (a) the first date as of which the full amount of the Loan has been disbursed on a cumulative basis (which shall also be deemed to have occurred when and if such amounts have been deposited in the Participant’s Construction Fund) or (b) the date as of which the Participant binds itself that no further Loan disbursements will be made under this Agreement.

“Non-Use Fee” shall mean a fee in an amount determined by the Finance Authority charged to compensate it for costs and expenses within the Wastewater SRF Program. Such amount shall be the greater of (A) the product of the undrawn balance of the Loan on each applicable Non-Use Assessment Date multiplied by one percent (1%) or (B) One Thousand Dollars (\$1,000). Such fee shall apply and be payable under Section 5.09 herein with respect to each Non-Use Assessment Date until the Non-Use Close-out Date shall occur. A Non-Use Fee shall not be applicable if the full amount of the Loan has been disbursed and deposited in the Participant’s Construction Fund by the Non-Use Assessment Date.

“Non-Use Assessment Date” shall mean _____ 1, 2021 and the first day of each sixth (6th) calendar month thereafter unless and until the Non-Use Close-out Date occurs in advance of any such Non-Use Assessment Date.

“Operation and Maintenance” shall mean the activities required to assure the continuing dependable and economic function of the Treatment Works, including maintaining compliance with National Pollutant Discharge Elimination System permits, as follows:

(1) Operation shall mean the control and management of the united processes and equipment which make up the Treatment Works, including financial and personnel management, records, reporting, laboratory control, process control, safety and emergency operation planning and operating activities.

(2) Maintenance shall mean the preservation of the functional integrity and efficiency of equipment and structures by implementing and maintaining systems of preventive and corrective maintenance, including replacements.

“Plans and Specifications” shall mean the detailed written descriptions of the work to be done in undertaking and completing the Project, including the written descriptions of the work

to be performed and the drawings, cross-sections, profiles and the like which show the location, dimensions and details of the work to be performed.

“Preliminary Engineering Report” shall mean the information submitted by the Participant that is necessary for the Finance Authority to determine the technical, economic and environmental adequacy of the proposed Project.

“Project” shall mean the activities or tasks identified and described in Exhibit A to this Agreement, and incorporated herein, as amended or supplemented by the Participant and consented to by the Finance Authority, for which the Participant may expend the Loan.

“Purchase Account” shall mean the account by that name created by the Wastewater SRF Indenture and held as part of the Wastewater SRF Fund.

“SRF Policy Guidelines” shall mean guidance of general applicability (as from time to time published, amended and supplemented by the Finance Authority) pertaining to participants utilizing financial assistance in connection with their projects funded in whole or in part through the Wastewater SRF Program.

“State” shall mean the State of Indiana.

“Substantial Completion of Construction” shall mean the day on which the Finance Authority (or if designated by the Finance Authority, the Department) determines that all but minor components of the Project have been built, all equipment is operational and the Project is capable of functioning as designed.

“System Development Charges” shall mean the proceeds and balances from any non-recurring charges such as tap fees, subsequent connector fees, capacity or contribution fees, and other similar one-time charges applicable to the Treatment Works that are available for deposit under the Authorizing Instrument.

“Treatment Works” shall mean any devices and systems used in the storage, treatment, recycling, and reclamation of municipal sewage or industrial wastes of a liquid nature to implement section 201 of the Clean Water Act, or necessary to recycle or reuse water at the most economical cost over the estimated life of the works, including intercepting sewers, outfall sewers, sewage collection systems, pumping, power, and other equipment, and their appurtenances; extensions, improvements, remodeling, additions, and alterations thereof; elements essential to provide a reliable recycled supply such as standby treatment units and clear well facilities; and acquisition of the land that will be an integral part of the treatment process (including land use for the storage of treated wastewater in land treatment systems prior to land application) or will be used for ultimate disposal of residues resulting from such treatment and acquisition of other land, and interests in land, that are necessary for construction.

“Trustee” shall mean The Bank of New York Mellon Trust Company, N.A., Indianapolis, Indiana, in its capacity as trustee or its successor under the Wastewater SRF Indenture.

“2014 Appropriations Act” shall mean the Consolidated Appropriations Act, 2014 (also known as H.R. 3457), and other laws, regulations and guidance supplemental thereto (including the Clean Water Act), as amended and supplemented from time to time.

“Wastewater SRF Fund” shall mean the wastewater revolving loan fund as established by I.C. 5-1.2-10-2.

“Wastewater SRF Indenture” shall mean the Seventh Amended and Restated Wastewater SRF Trust Indenture, dated as of September 1, 2019 between the Finance Authority (as successor by operation of law to the State in all matters related to the Wastewater SRF Program) and the Trustee, as amended and supplemented from time to time.

Section 1.02. Application of Defined Terms in Their Context. The terms set forth in Section 1.01 shall, for all purposes of this Agreement, be applied in the context in which they may be used and where a term and context may be applied as a separate undertaking by both the District and the City, each such undertaking shall be applied as broadly as possible so as to be interpreted as an undertaking of such party.

(End of Article I)

ARTICLE II

PURPOSE OF BORROWING AND LOAN TERMS

Section 2.01. Amount; Purpose. The Finance Authority agrees to Loan an amount not to exceed _____ Dollars (\$_____) in aggregate principal amount to the Participant as Financial Assistance to pay for the Eligible Costs, as hereinafter described, of the Project on, and subject to, the terms and conditions contained herein. The Loan shall be used only to pay the following Eligible Costs: (a) eligible planning services for the production of a Preliminary Engineering Report ("Planning"), (b) eligible design services for the production of Plans and Specifications ("Design") and (c) eligible construction costs, including financing and legal costs ("Construction"). The Loan shall be funded solely from available proceeds of the Finance Authority Bonds contained in the Purchase Account or from other sources that the Finance Authority may, in its sole discretion, designate. The Loan is evidenced by the Bonds executed and delivered by the Participant contemporaneously herewith. The Bonds shall be in fully registered form, with the Finance Authority registered as the registered owner. So long as the Finance Authority is the registered owner, the principal of and redemption premium, if any, and interest on the Bonds shall be paid to the Trustee by a wire transfer referenced as follows: The Bank of New York, ABA 021 000 018, For Credit to 610026840C, Account Name: East Chicago Sanitary District, Attn: Derick Rush. The Participant agrees to undertake and complete the Project and to receive and expend the Loan proceeds in accordance with this Agreement.

Section 2.02. The Bonds.

(a) Until paid, the Bonds will bear interest at the per annum rate of _____ percent (_____%). Such interest shall be calculated on the basis of a 360-day year comprised of twelve 30-day months, and be as provided in I.C. 5-1.2-10-15 and -20. Interest, if any, on the Bonds will be payable on January 15 and July 15 of each year, commencing _____, 20____. The Bonds will be in the aggregate principal amount of _____ Dollars (\$_____). Subject to Section 2.05 and 2.06 herein, the Bonds will mature on January 15 and July 15 of each of the years set forth in, and at the principal amount set opposite each such month and year set forth in the schedule contained in the attached Exhibit B to this Agreement (which is hereby incorporated by reference); provided, however, notwithstanding the foregoing or the terms of the Bonds to the contrary, no maturity of Bonds shall extend beyond the date which is thirty-five (35) years after the date of this Agreement. If the maturity date for any Bonds is beyond such date, unless otherwise agreed to, such Bonds, together with accrued and unpaid interest thereon, will be due and payable on such date.

(b) The Bonds will be subject to redemption by the Participant as provided in the Authorizing Instrument; provided however that in no event shall the Participant exercise any provision contained in the Authorizing Instrument or the Bonds permitting a redemption of the Bonds at the option of the Participant unless and until such has been consented by the Authority. The Loan, and the Bonds evidencing it, will be subject to payment by the Participant as provided in this Agreement.

(c) The form and other terms of the Bonds will be in conformity with the Authorizing Instrument.

(d) The additional terms contained in the attached Exhibit D are applicable to this Loan (as and to the extent set forth in Exhibit D) to the same effect as if such were set forth in this section.

Section 2.03. Disbursement Conditions. Each of the following shall be a condition precedent to the disbursement of the Loan or any portion thereof (including from the Construction Fund):

(a) (1) With respect to procurement of professional services related to the Project to be paid from Loan proceeds, the Participant shall have complied with applicable State law and SRF Policy Guidelines. Additionally costs related Planning and Design shall only be Eligible Costs upon compliance with paragraph A of the attached Exhibit D. (2) With respect to procurement of all other goods and services related to the Project to be paid from Loan proceeds, the Participant shall have complied with I.C. 36-1-12 and SRF Policy Guidelines.

(b) No representation, warranty or covenant of the Participant contained in this Agreement or in any paper executed and delivered in connection with the transactions contemplated by this Agreement shall be false or inaccurate in any material respect.

(c) The Participant shall undertake and faithfully perform each of its obligations, agreements and covenants contained in this Agreement, the Authorizing Instrument and the Bonds.

(d) There shall be available to the Finance Authority uncommitted funds in an amount sufficient to satisfy the Finance Authority's obligations hereunder from the proceeds of Finance Authority Bonds in the Purchase Account or from other sources that the Finance Authority may, in its sole discretion, designate; provided however, once Loan proceeds have been deposited in the Construction Fund, such condition shall be deemed satisfied.

(e) The Participant shall have undertaken all actions necessary to comply with and satisfy the conditions and requirements for a Loan secured with money made available from the Wastewater SRF Fund as set forth in federal and State statutes, rules and regulations, including I.C. 5-1.2-10, SRF Policy Guidelines, the Clean Water Act and 40 C.F.R. Part 35.

(f) Prior to making any Loan disbursement to pay any Construction costs, the Project shall have been approved by the State's Historical Preservation Officer in a manner consistent with the policies and practices of the Wastewater SRF Program (the "Historical Preservation Approval"). Notwithstanding any provision of this Agreement to the contrary, in the event a Historical Preservation Approval has not been given within

four (4) months after the date of this Agreement, the Finance Authority may, in its sole discretion, (i) reduce the aggregate amount of the Loan to the amount then disbursed and outstanding under this Agreement and (ii) if any amounts are held in the Construction Fund, require a Loan Reduction Payment pursuant to Section 2.06 herein as if it were a date that was three (3) years after the dated date of the Bonds. Upon giving notice to the Participant of such action, no further Loan disbursement (including from the Construction Fund) may be made under this Agreement unless consented to by the Finance Authority.

(g) In the event the Bonds are payable from rates and charges of the Treatment Works and if requested by the Finance Authority, the Participant shall provide evidence satisfactory to the Finance Authority demonstrating that such rates and charges are at a level adequate to produce and maintain sufficient net revenue after providing for the proper Operation and Maintenance of the Treatment Works, on a proforma basis consistent with SRF Policy Guidelines, to provide 1.25x coverage on all obligations of the Treatment Works (including the Bonds).

Section 2.04. Disbursement Procedures. Loan proceeds (including any held from time to time in the Construction Fund) shall be disbursed to the Participant by the Disbursement Agent for actual Eligible Costs incurred with respect to the Project. The Finance Authority may, in its discretion, cause Loan disbursements to be made (a) directly to the person or entity identified in the Disbursement Request to whom payment is due, or (b) if advised in writing by the Participant that I.C. 36-1-12-14 or a similar law applies to the Project, to the Participant for purposes of collecting retainage, or some combination thereof. Any Loan proceeds in excess of the amount subject to retainage controlled by the Participant will be immediately remitted to the person or entity to whom payment is due, no later than three (3) Business Days after receipt or the date such Loan proceeds are no longer subject to retainage. The Finance Authority may, in its discretion, cause Loan disbursements to be made from time to time, in whole or in part, to the Participant's Construction Fund for disbursement consistent with this Agreement. Loan disbursements shall not be made more frequently than monthly and shall only be made following the submission of a Disbursement Request to the Finance Authority. Disbursement Requests shall be approved by the Director of Environmental Programs prior to submission to the Disbursement Agent for a Loan disbursement. Disbursement Requests shall be numbered sequentially, beginning with the number 1.

Section 2.05. Effect of Disbursements. Loan disbursements made to or for the benefit of the Participant shall be deemed to be a purchase of the Bonds in such amounts and with such maturities as achieves as level debt service as practicable, and with no maturity longer than the original maturity schedule; provided that any principal payments originally scheduled under Section 2.02 herein as being due prior to one year after Substantial Completion of Construction shall first be deemed to be a purchase of the Bonds in order of maturity. The deposit of Loan proceeds in the Construction Fund shall be deemed to be a purchase of the Bonds. Interest on the Loan commences on disbursement of the Loan to or for the benefit of the Participant (including any amounts disbursed to the Construction Fund) by the Finance Authority and the Bonds shall be deemed to be purchased in the full amount thereof. Each disbursement (including any amounts disbursed from the Construction Fund) shall be made pursuant to a Disbursement Request. In the event any Loan disbursement (including any amounts disbursed from the

Construction Fund) shall be made in excess of Eligible Costs, such excess disbursements shall be immediately paid by the Participant to the Disbursement Agent (and if made from any amounts held in the Construction Fund, shall be immediately deposited by the Participant into such Construction Fund) and thereafter may, subject to the terms and conditions set forth in this Agreement, be applied thereafter to pay Eligible Costs of the Project by the Participant.

Section 2.06. Acknowledgment of Amount of Loan; Final Disbursement. (a) Within 30 days after any request by the Finance Authority from time to time, the Participant shall execute and deliver to the Finance Authority an acknowledgment in the form prescribed by the Finance Authority which acknowledges the outstanding principal of and interest on the Bonds. Unless the Finance Authority consents in writing, no Loan disbursement shall be made more than one year after Substantial Completion of Construction. After Substantial Completion of Construction, upon the request of the Finance Authority, the Participant shall replace, at its expense, the Bonds with substitutes issued pursuant to the Authorizing Instrument to evidence the outstanding principal under the Loan.

(b) In the event there remains a balance (inclusive of Loan proceeds and any earnings) in the Construction Fund on the date that is the earlier of (i) one year after Substantial Completion of Construction or (ii) three (3) years after the dated date of the Bonds (or in either such circumstance, such later date as the Finance Authority may approve in its discretion), the Participant agrees to make a Loan Reduction Payment, to the Finance Authority within 10 days after any Finance Authority written demand. Any Loan Reduction Payment shall be applied to pay principal in such amounts and with such maturities as achieves as level debt service as practicable consistent with methodology prescribed in the Authorizing Instrument and as originally applied to the Bonds, and with no maturity longer than the original maturity schedule; provided that any principal payments originally scheduled under Section 2.02 herein as being due prior to the Loan Reduction Payment shall be unaffected by such payment. If the Authorizing Instrument permits the Participant to apply Bond proceeds to pay interest accruing on or before Substantial Completion of Construction, the Participant may seek to reimburse itself for such interest costs it has paid pursuant to a Disbursement Request provided. If the Participant fails to make such Loan Reduction Payment by such date, the Finance Authority and Deposit Agreement Counterparty are authorized to cause any balance held in the Construction Fund to be so applied without further direction and authorization from the Participant. Notwithstanding the foregoing, if requested by the Finance Authority, in lieu of the Participant making a Loan Reduction Payment, the Finance Authority may in its discretion require the Participant to hold any remaining balance (inclusive of Loan proceeds and any earnings) in the Construction Fund until such amounts may be applied on the first optional redemption date applicable to the Bonds, and upon any such request, the Participant agrees to cause such amounts to be so held and applied on such date.

(End of Article II)

ARTICLE III

REPRESENTATIONS, WARRANTIES AND COVENANTS OF THE PARTICIPANT

Section 3.01. Planning, Design and Construction Covenants. The Participant hereby covenants and agrees with the Finance Authority that the Participant will:

(a) Provide information as requested by the Finance Authority to determine the need for, or to complete any necessary, environmental review or analysis.

(b) Comply with the procurement procedures and affirmative action requirements contained in SRF Policy Guidelines in the Planning, Design and Construction of the Project to the extent that such are to be paid from Loan proceeds.

(c) With respect to prime and first tier contract awards, report minority and women business enterprise utilization in the Planning, Design and Construction of the Project, to the extent that such are to be paid from Loan proceeds, by executing and delivering Agency Form SF 5700-52 to the Finance Authority whenever any agreements or subagreements are awarded. (These reports must be submitted on regular reporting cycles consistent with SRF Policy Guidelines commencing after such agreement or subagreement is awarded.)

(d) Comply with all applicable federal, State and local statutes, rules and regulations relating to the acquisition and construction of the Treatment Works.

(e) In the event Construction is to be paid from Loan proceeds, prior to an award of any contract for Construction of the Project, obtain a construction permit from the Department and receive the written approval of the Finance Authority of the Preliminary Engineering Report.

(f) Obtain the property rights necessary to construct the Treatment Works and, in procuring any such rights comply with federal and State law.

(g) In the event Construction is to be paid from Loan proceeds, comply with the federal Davis-Bacon Act, codified at 40 U.S.C. 276a-276a-5 unless separately waived by the Finance Authority.

(h) In the event Construction is to be paid from Loan proceeds, execute and deliver to the Finance Authority Agency Form 4700-4 ("Pre-award Compliance Review Report for Wastewater Treatment Construction Grants") and such other forms as may be required by the Clean Water Act or SRF Policy Guidelines.

(i) In the event Construction is to be paid from Loan proceeds, follow guidance issued by the Finance Authority in procuring contracts for Construction, including (1) submission to the Finance Authority of Project change orders, (2) obtaining approval

from the Director of Environmental Programs of any Project change order which significantly changes the scope or Design of the Project or, when taking into account other change orders and contracts, are reasonably expected to result in expenditures in an amount greater than the Loan, (3) receiving approval from the Director of Environmental Programs prior to the award of any contract for Construction and (4) receiving authorization from the Director of Environmental Programs prior to initiating procurement of Construction of the Project.

(j) In the event Construction is to be paid from Loan proceeds, before awarding Construction contracts, receive approval of the Director of Environmental Programs for the user charge system (including any use ordinance and interlocal agreement) associated with the Project.

(k) In the event Construction is to be paid from Loan proceeds, cause the Project to be constructed in accordance with the Preliminary Engineering Report and Plans and Specifications, using approved contract papers.

(l) Permit the Finance Authority and its agents to inspect from time to time (1) the Project, (2) the Treatment Works and (3) the books and other financial records of the Treatment Works, including the inspections described in SRF Policy Guidelines. Construction contracts shall provide that the Finance Authority or its agents will have access to the Project and the work related thereto and that the Participant's contractor will provide proper facilities for such access and inspection. All files and records pertaining to the Project shall be retained by the Participant for at least six years after Substantial Completion of Construction.

(m) Upon Substantial Completion of Construction and when requested by the Finance Authority, provide audited reports to the Finance Authority to permit the Finance Authority to determine that the Loan proceeds have been used in compliance with this Agreement.

(n) In the event Construction is to be paid from Loan proceeds, within one year of Substantial Completion of Construction, consistent with SRF Policy Guidelines, certify to the Finance Authority that the Project meets performance standards, or if not met, (1) submit to the Finance Authority (or if directed by the Finance Authority, to the Department) a corrective action plan and (2) promptly and diligently undertake any corrective action necessary to bring the Project into compliance with such standards.

(o) In the event Construction is to be paid from Loan proceeds, within one year of Substantial Completion of Construction, provide as-built plans for the Project to the Finance Authority (or if directed by the Finance Authority, to the Department).

Section 3.02. General Covenants. The Participant hereby covenants and agrees with the Finance Authority that the Participant will:

(a) Comply with all applicable federal, State and local statutes, rules and

regulations relating to Operation and Maintenance.

(b) (1) Own, operate and maintain the Project and the Treatment Works for their useful life, or cause them to be operated and maintained for their useful life; (2) at all times maintain the Treatment Works in good condition and operate it in an efficient manner and at a reasonable cost; and (3) not sell, transfer, lease or otherwise encumber the Treatment Works or any portion thereof or any interest therein without the prior written consent of the Finance Authority

(c) Obtain and maintain the property rights necessary to operate and maintain the Treatment Works, and in procuring any such rights, comply with federal and State law.

(d) Acquire and maintain insurance coverage acceptable to the Finance Authority, including fidelity bonds, to protect the Treatment Works and its operations. All insurance shall be placed with responsible insurance companies qualified to do business under State law. Insurance proceeds and condemnation awards shall be used to replace or repair the Treatment Works unless the Finance Authority consents to a different use of such proceeds or awards.

(e) Establish and maintain the books and other financial records of the Project (including the establishment of a separate account or subaccount for the Project) in accordance with (1) generally accepted governmental accounting principles, as promulgated by the Government Accounting Standards Board (including GASB No. 34 standards relating to the reporting of infrastructure) and (2) the rules, regulations and guidance of the State Board of Accounts.

(f) Provide to the Finance Authority such periodic financial and environmental reports as it may request from time to time, including (1) annual operating and capital budgets and (2) such other information requested or required of the Finance Authority or the Participant by the Agency.

(g) Provide to the Finance Authority audited financial statements of the Participant inclusive of the activities of the Treatment Works, commencing with financial statements for a calendar year period that ends not more than two (2) years after the date of this Agreement (and for each calendar year period that ends every two (2) years thereafter until the Loan has been repaid), which audit (i) shall have been performed by the Indiana State Board of Accounts or by an independent public accountant and (ii) shall be submitted to the Finance Authority no later than nine (9) months following the end of the calendar year period to which such audit pertains.

(h) Develop, certify, implement and maintain an Asset Management Program (including a Fiscal Sustainability Plan) of the Participant that meets SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act. The Participant acknowledges that its agreement to develop, certify, implement and maintain an Asset Management Program (including a Fiscal Sustainability Plan) as provided in this subsection was a condition of the Loan. Unless the Participant's Asset Management

Program (including a Fiscal Sustainability Plan) was certified prior to the date of this Agreement, the Participant agrees to submit a certification (on and in a form as provided by the Finance Authority) related to the Participant's Asset Management Program (including a Fiscal Sustainability Plan) prior to submitting its request for a final Loan disbursement related to the Project. Over the term of the Loan, the Participant further agrees to continue to update, implement and maintain the Participant's Asset Management Program (including a Fiscal Sustainability Plan) to assure it has the financial, managerial, technical, and legal capability to operate and maintain its Treatment Works consistent with SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act.

(i) Provide notice to the Finance Authority under the circumstances contemplated, and undertake inspections as required, by SRF Policy Guidelines.

(j) (1) Establish and maintain just and equitable rates and charges for the use of and the service rendered by the Treatment Works, to be paid by the owner of each and every lot, parcel of real estate or building that is connected with and uses the Treatment Works, or that in any way uses or is served by the Treatment Works, (2) establish, adjust and maintain rates and charges at a level adequate to produce and maintain sufficient revenue (when determined including user and other charges, fees, income or revenues available to the Participant, provided that to the extent permitted by law System Development Charges shall be excluded when determining if such are sufficient) to provide for the proper Operation and Maintenance of the Treatment Works, to comply with and satisfy all covenants contained herein and to pay all obligations of the Treatment Works and of the Participant with respect thereto, and (3) if and to the extent Bonds are payable from property taxes, levy each year a special ad valorem tax upon all property located in the boundaries of the Participant, to pay all obligations of the Participant with respect thereto.

(k) If the Bonds are payable from the revenues of the Treatment Works, not borrow any money, enter into any contract or agreement or incur any other liabilities in connection with the Treatment Works without the prior written consent of the Finance Authority if such undertaking would involve, commit or use the revenues of the Treatment Works; provided that the Participant may authorize and issue additional obligations, payable out of the revenues of its Treatment Works, ranking on a parity with the Bonds for the purpose of financing the cost of future additions, extensions and improvements to the Treatment Works, or to refund obligations of the Treatment Works, subject to the conditions, if any, in the Authorizing Instrument.

(l) Comply with the Civil Rights Act of 1964, as amended, 42 U.S.C. Section 2000d et seq., the Age Discrimination Act, as amended, Public Law 94-135, Section 504 of the Rehabilitation Act of 1973, as amended (including Executive Orders 11914 and 11250), 29 U.S.C. Section 794, Section 13 of the Federal Water Pollution Control Act Amendments of 1972, Public Law 92-500, Executive Order 11246 regarding equal employment opportunity, and Executive Orders 11625 and 12138.

(m) Undertake all actions necessary to investigate all potential, material claims which the Participant may have against other persons with respect to the Treatment Works and the Project and take whatever action is necessary or appropriate to (1) recover on any actionable, material claims related to the Project or the Planning, Design or Construction thereof, (2) meet applicable Project performance standards and (3) otherwise operate the Treatment Works in accordance with applicable federal, State and local law.

(n) Not modify, alter, amend, add to or rescind any provision of the Authorizing Instrument without the prior written consent of the Finance Authority.

(o) In the event the Participant adopts an ordinance or resolution to refund the Bonds, within 5 days of the adoption of the ordinance or resolution, provide written notice to the Finance Authority of the refunding. Any refunding of the Bonds shall only be undertaken by the Participant with the prior written consent of the Finance Authority.

(p) In any year in which total expenditures of Federal financial assistance received from all sources exceeds \$750,000 the Participant shall comply with the Federal Single Audit Act (SAA) of 1984, as amended by the Federal Single Audit Act Amendments of 1996 (see 2 CFR 200 Subpart F) and have an audit of their use of Federal financial assistance. The Participant agrees to provide the Finance Authority with a copy of the SAA audit within 9 months of the audit period.

(q) Inform the Finance Authority of any findings and recommendations pertaining to the SRF program contained in an audit of 2 CFR 200 Subpart F (a/k/a "Super Circular") matters in which SRF Federal financial assistance was less than \$750,000.

(r) Initiate within 6 months of the audit period corrective actions for those audit reports with findings and recommendations that impact the SRF financial assistance.

(s) Notwithstanding anything in the Authorizing Instrument related to the Bonds (or in any authorizing instrument related to any other outstanding bonds payable from the revenues of the Treatment Works which are on a parity with the Bonds) to the contrary, in the event any Credit Provider that has provided a Credit Instrument fails to be rated on a long term basis at least "A-/A3" by Standard & Poor's Ratings Services, a Division of the McGraw-Hill Companies, and Moody's Investors Service, Inc., and their successors (such Credit Instrument, a "Disqualified Instrument"), within 12 months of such failure (or pursuant to such other schedule as may be approved by the Finance Authority), the Participant shall cause cash (or a replacement Credit Instrument from a Credit Provider that is rated on a long term basis at least "AA-/Aa3" by Standard & Poor's Ratings Services, a Division of the McGraw-Hill Companies, and Moody's Investors Service, Inc., and their successors)(or some combination thereof) in an aggregate amount equal to the stated credit available under the Disqualified Instrument(s) to be deposited in the related reserve account(s) in lieu of such Disqualified Instrument(s). No Disqualified Instrument shall be included as part of the reserve balance which satisfies any such

reserve requirement under any such authorizing instrument. Nothing in this subsection shall waive or modify additional requirements contained in any such authorizing instrument (including the Authorizing Instrument related to the Bonds); the provisions of this subsection and any such authorizing instrument (including the Authorizing Instrument related to the Bonds) shall both be required to be met. Unless and until notice shall be given by the Finance Authority to the Participant, a surety policy issued by MBIA Insurance Corporation or Financial Guaranty Insurance Company that has been reinsured by National Public Finance Guarantee Corporation (formerly known as MBIA Insurance Corp. of Illinois) shall not be treated as a Disqualified Instrument.

(t) (i) comply with Title 40 CFR Part 34 (New Restrictions on Lobbying) and the Byrd Anti-Lobbying Amendment ("Lobbying Restrictions"); (ii) provide certifications and disclosures related to Lobbying Restrictions in a form and manner as may from time to time be required by SRF Policy Guidelines or the Clean Water Act including without limitation the Lobbying Restrictions; and (iii) pay any applicable civil penalty required by the Lobbying Restrictions as may be applicable to making a prohibited expenditure under Title 40 CFR Part 34, or failure to file any required certification or lobbying disclosures. The Participant understands and acknowledges that pursuant to such Lobbying Restrictions, the making of any such prohibited expenditure, or any such failure to file or disclose, is subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure.

(u) Comply with all federal requirements applicable to the Loan (including those imposed by the 2014 Appropriations Act and related SRF Policy Guidelines) which the Participant understands includes, among other, requirements that all of the iron and steel products used in the Project are to be produced in the United States ("American Iron and Steel Requirement") unless (i) the Participant has requested and obtained a waiver from the Agency pertaining to the Project or (ii) the Finance Authority has otherwise advised the Participant in writing that the American Iron and Steel Requirement is not applicable to the Project.

(v) Comply with all record keeping and reporting requirements under the Clean Water Act, including any reports required by a Federal agency or the Finance Authority such as performance indicators of program deliverables, information on costs and project progress. The Participant understands that (i) each contract and subcontract related to the Project is subject to audit by appropriate federal and state entities and (ii) failure to comply with the Clean Water Act and this Agreement may be a default hereunder that results in a repayment of the Loan in advance of the maturity of the Bonds and/or other remedial actions.

(w) Whenever from time to time requested by the Finance Authority, submit evidence satisfactory to the Finance Authority demonstrating that the Participant's rates and charges are at a level adequate to produce and maintain sufficient net revenue after providing for the proper Operation and Maintenance of the Treatment Works, on a proforma basis consistent with SRF Policy Guidelines, to provide 1.25x coverage on all obligations of the Treatment Works (including the Bonds) and, in the event the

Participant's rates and charges are insufficient to demonstrate such coverage, then to the extent permitted by law annually enact an increase in its rates and charges reasonably designed to be consistent with SRF Policy Guidelines regarding such coverage.

(x) Notwithstanding any provision of the Authorization Instrument to the contrary, not make any payment in lieu of property taxes from any account of the Treatment Works (i) if the Finance Authority provides notice to the Participant that the Finance Authority has determined in its reasonable discretion that such a transfer adversely affects the Finance Authority and (ii) more frequently than semiannually if the Authority provides notice to the Participant so requiring such a limitation on frequency.

(y) Comply with all requirements of this Agreement applicable to the Loan (including those imposed by the attached Exhibit D).

Section 3.03. Representations and Warranties of the Participant. After due investigation and inquiry, the Participant hereby represents and warrants to the Finance Authority that:

(a) The Participant is duly organized and existing under state law, and constitutes a "political subdivision" within the meaning of I.C. 5-1.2-2-57) and a "participant" within the meaning of I.C. 5-1.2-2-54. The Project and the Treatment Works are subject to I.C. 36-9-25.

(b) The Participant has full power and authority to adopt the Authorizing Instrument, enter into this Agreement and issue the Bonds and perform its obligations hereunder and thereunder.

(c) By all required action, the Participant has duly adopted the Authorizing Instrument and authorized the execution and delivery of this Agreement, the Bonds and all other papers delivered in connection herewith.

(d) Neither the execution of, nor the consummation of the transaction contemplated by, this Agreement nor the compliance with the terms and conditions of any other paper referred to herein, shall conflict with, result in a breach of or constitute a default under, any indenture, mortgage, lease, agreement or instrument to which the Participant is a party or by which the Participant or its property, including the Treatment Works, is bound or any law, regulation, order, writ, injunction or decree of any court or governmental agency or instrumentality having jurisdiction.

(e) There is no litigation pending or, to the knowledge of the Participant, upon investigation, threatened that (1) challenges or questions the validity or binding effect of this Agreement, the Authorizing Instrument or the Bonds or the authority or ability of the Participant to execute and deliver this Agreement or the Bonds and perform its obligations hereunder or thereunder or (2) would, if adversely determined, have a significant adverse effect on the ability of the Participant to meet its obligations under this Agreement, the Authorizing Instrument or the Bonds.

(f) The Participant has not at any time failed to pay when due interest or principal on, and it is not now in default under, any warrant or other evidence of obligation or indebtedness of the Participant.

(g) All information furnished by the Participant to the Finance Authority or any of the persons representing the Finance Authority in connection with the Loan or the Project is accurate and complete in all material respects including compliance with the obligations, requirements and undertakings imposed upon the Participant pursuant to this Agreement.

(h) The Participant has taken or will take all proceedings required by law to enable it to issue and sell the Bonds as contemplated by this Agreement.

(i) For any outstanding bonds payable from the revenues of the Treatment Works which are on a parity with the Bonds, each Credit Provider, if any, that has provided a Credit Instrument is at least rated on a long term basis "A-/A3" long term by Standard & Poor's Ratings Services, a Division of the McGraw-Hill Companies and Moody's Investors Service, Inc., and their successors, except as represented and set forth in Exhibit C attached thereto (and with respect to which true, accurate and complete copies of each such Credit Instrument have been delivered to the Finance Authority).

Each of the foregoing representations and warranties will be deemed to have been made by the Participant as of the date of this Agreement and as of the date of any disbursement of Loan proceeds (including from the Construction Fund). Each of the foregoing representations and warranties shall survive the Loan disbursements regardless of any investigation or investigations the Finance Authority may have undertaken.

Section 3.04. Covenants Regarding Assignment. The Participant acknowledges that the Finance Authority may pledge, sell or assign the Bonds or cause the Bonds to be pledged, sold or assigned, and certain of its rights related thereto, as permitted pursuant to Section 5.02 herein. The Participant covenants and agrees to cooperate with and assist in, at its expense, any such assignment. Within 30 days following a request by the Finance Authority, the Participant covenants and agrees with the Finance Authority that the Participant will, at its expense, furnish any information, financial or otherwise, with respect to the Participant, this Agreement, the Authorizing Instrument and the Bonds and the Treatment Works as the Finance Authority reasonably requests in writing to facilitate the sale or assignment of the Bonds.

Section 3.05. Nature of Information. All information furnished by the Participant to the Finance Authority or any person representing the Finance Authority in connection with the Loan or the Project may be furnished to any other person the Finance Authority, in its judgment, deems necessary or desirable in its operation and administration of the Wastewater SRF Program.

Section 3.06. Tax Covenants. The Participant hereby covenants that it will not take, or cause or permit to be taken by it or by any party under its control, or fail to take or cause to

permit to be taken by it or by any party under its control, any action that would result in the loss of the exclusion from gross income for federal income tax purposes of interest on the Bonds pursuant to Section 103 of the Code. The Participant further covenants that it will not do any act or thing that would cause the Bonds to be "private activity bonds" within the meaning of Section 141 of the Code or "arbitrage bonds" within the meaning of Section 148 of the Code. In furtherance and not in limitation of the foregoing, the Participant shall take all action necessary and appropriate to comply with the arbitrage rebate requirements under Section 148 of the Code to the extent applicable to the Participant or the Bonds, including accounting for and making provision for the payment of any and all amounts that may be required to be paid to the United States of America from time to time pursuant to Section 148 of the Code.

Section 3.07. Non-Discrimination Covenant. Pursuant to and with the force and effect set forth in I.C. 22-9-1-10, the Participant hereby covenants that the Participant, and its contractor and subcontractor for the Project, shall not discriminate against any employee or applicant for employment, to be employed in the performance of this Agreement, with respect to the hire, tenure, terms, conditions or privileges of employment, or any matter directly or indirectly related to employment, because of race, color, religion, sex, disability, national origin or ancestry.

(End of Article III)

ARTICLE IV - DEFAULTS

Section 4.01. Remedies. The Finance Authority's obligation to make a disbursement under the Loan to the Participant hereunder may be terminated at the option of the Finance Authority, without giving any prior notice to the Participant, in the event: (a) the Participant fails to undertake or perform in a timely manner any of its agreements, covenants, terms or conditions set forth herein or in any paper entered into or delivered in connection herewith (including the Authorizing Instrument); or (b) any representation or warranty made by the Participant as set forth herein or in any paper entered into or delivered in connection herewith is materially false or misleading. Any such event shall constitute an event of default and in addition to any other remedies at law or in equity, the Finance Authority may (x) require a Loan Reduction Payment pursuant to Section 2.06 herein as if it were a date that was three (3) years after the dated date of the Bonds, (y) in the event a Deposit Agreement has not previously been entered into related to the Participant's Bond Fund (including any related reserve), require the Participant to enter into a Deposit Agreement (or to modify any such previously entered Deposit Agreement) and the Participant shall enter into (or modify) such an agreement within 5 days after any such demand and (z) without giving any prior notice, declare the entire outstanding principal amount of the Loan, together with accrued interest thereon, immediately due and payable.

Section 4.02. Effect of Default. Failure on the part of the Finance Authority in any instance or under any circumstance to observe or perform fully any obligation assumed by or imposed upon the Finance Authority by this Agreement or by law shall not make the Finance Authority liable in damages to the Participant or relieve the Participant from paying any Bond or fully performing any other obligation required of it under this Agreement or the Authorizing Instrument; provided, however, that the Participant may have and pursue any and all other remedies provided by law for compelling performance by the Finance Authority of such obligation assumed by or imposed upon the Finance Authority. The obligations of the Finance Authority hereunder do not create a debt or a liability of the Finance Authority or the State under the constitution of the State or a pledge of the faith or credit of the Finance Authority or the State and do not directly, indirectly or contingently, obligate the Finance Authority or the State to levy any form of taxation for the payment thereof or to make any appropriation for their payment. Neither the Finance Authority or the State, nor any agent, attorney, member or employee of the Finance Authority or the State shall in any event be liable for damages, if any, for the nonperformance of any obligation or agreement of any kind whatsoever set forth in this Agreement.

Section 4.03. Defaults under other Prior Agreement. The Participant and the Finance Authority agree that any event of default occurring under any of the Prior Agreement shall constitute an event of default under this Agreement. Similarly, the Participant and the Finance Authority agree that any event of default under this Agreement, or under any subsequent financial assistance agreement entered into between the Participant and the Finance Authority, shall constitute an event of default under the Prior Agreement and the subsequent financial assistance agreement, if any, as the case may be.

(End of Article IV)

ARTICLE V

MISCELLANEOUS

Section 5.01. Citations. Any reference to a part, provision, section or other reference description of a federal or State statute, rule or regulation contained herein shall include any amendments, replacements or supplements to such statutes, rules or regulation as may be made effective from time to time. Any reference to a Loan disbursement shall include any disbursement from the Construction Fund. Any use of the term “including” herein shall not be a limitation as to any provision herein contained but shall mean and include, without limitation, the specific matters so referenced.

Section 5.02. Assignment. Neither this Agreement, nor the Loan or the proceeds thereof may be assigned by the Participant without the prior written consent of the Finance Authority and any attempt at such an assignment without such consent shall be void. The Finance Authority may at its option sell or assign all or a portion of its rights and obligations under this Agreement, the Authorizing Instrument, and the Bonds to an agency of the State or to a separate body corporate and politic of the State or to a trustee under trust instrument to which the Finance Authority, the State or any assignee is a beneficiary or party. The Finance Authority may at its option pledge or assign all or a portion of its rights under this Agreement, the Authorizing Instrument, and the Bonds to any person. The Participant hereby consents to any such pledge or assignment by the Finance Authority. This Agreement shall be binding upon and inure to the benefit of any permitted secured party, successor and assign.

Section 5.03. No Waiver. Neither the failure of the Finance Authority nor the delay of the Finance Authority to exercise any right, power or privilege under this Agreement shall operate as a waiver thereof, nor shall any single or partial exercise of any right, power or privilege preclude any other further exercise of any other right, power or privilege.

Section 5.04. Modifications. No change or modification of this Agreement shall be valid unless the same is in writing and signed by the parties hereto.

Section 5.05. Entire Agreement. This Agreement contains the entire agreement between the parties hereto and there are no promises, agreements, conditions, undertakings, warranties and representations, either written or oral, expressed or implied between the parties hereto other than as herein set forth or as may be made in the Authorizing Instrument and the other papers delivered in connection herewith. In the event there is a conflict between the terms of this Agreement and the Authorizing Instrument, the terms of this Agreement shall control. It is expressly understood and agreed that except as otherwise provided herein this Agreement represents an integration of any and all prior and contemporaneous promises, agreements, conditions, undertakings, warranties and representations between the parties hereto. This Agreement shall not be deemed to be a merger or integration of the existing terms under the Prior Agreement except as expressly set forth in Section 4.03 herein.

Section 5.06. Execution of Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be executed by the Finance Authority and the

Participant, and all of which shall be regarded for all purposes as one original and shall constitute one and the same instrument.

Section 5.07. Severability of Invalid Provisions. If any one or more of the covenants or agreements provided in this Agreement on the part of the Finance Authority or the Participant to be performed shall be deemed by a court of competent jurisdiction to be contrary to law or cause the Bonds to be invalid as determined by a court of competent jurisdiction, then such covenant or covenants or agreement or agreements shall be deemed severable from the remaining covenants and agreements and waived and shall in no way affect the validity of the other provisions of this Agreement.

Section 5.08. Notices. All notices hereunder shall be sufficiently given for all purposes hereunder if in writing and delivered personally or sent or transmitted to the appropriate destination as set forth below in the manner provided for herein. Notice to the Finance Authority shall be addressed to:

Indiana Finance Authority
SRF Programs

100 North Senate, Room 1275
Indianapolis, Indiana 46204
Attention: Director of Environmental Programs

or at such other address(es) or number(s) and to the attention of such other person(s) as the Finance Authority may designate by notice to the Participant. Notices to the Participant shall be addressed to:

East Chicago Sanitary District
5201 Indianapolis Blvd
East Chicago, IN 46312
Attention: Secretary

or at such other address(es) or number(s) and to the attention of such other person(s) as the Participant may designate by notice to the Finance Authority. Any notice hereunder shall be deemed to have been served or given as of (a) the date such notice is personally delivered, (b) three (3) Business Days after it is mailed U.S. mail, First Class postage prepaid, (c) one (1) Business Day after it is sent on such terms by Federal Express or similar next-day courier, or (d) the same day as it is sent by facsimile transmission with telephonic confirmation of receipt by the person to whom it is sent.

Section 5.09. Expenses. The Participant covenants and agrees to pay (a) the fees, costs and expenses in connection with making the Loan, including issuing the Bonds and providing the necessary certificates, documents and opinions required to be delivered therewith; (b) the fees, costs and expenses in connection with making and administering the Loan; (c) the costs and expenses of complying with its covenants made herein; and (d) any and all costs and expenses, including attorneys' fees, incurred by the Finance Authority in connection with the enforcement of this Agreement, the Authorizing Instrument and the Bonds in the event of the breach by the Participant of or a default under this Agreement, the Authorizing Instrument or the Bonds. Notwithstanding clause (b) above, the Participant shall not be obligated to pay any of the fees, costs and expenses in connection with administering the Loan except as follows: (1) the Finance Authority may request and the Participant shall promptly pay (no later than the date first above written), a closing fee in connection with the Loan in an amount determined by the Finance Authority, but not exceeding \$1,000, which may not be paid from a Loan disbursement; (2) the Finance Authority may request and the Participant shall promptly pay (no later than thirty (30) days after any request), an annual administrative fee in connection with the Loan in an amount determined by the Finance Authority, but not exceeding \$1,000, which may not be paid from a Loan disbursement; (3) the Finance Authority may request and the Participant shall promptly pay (no later than thirty (30) days after any request), a Non-Use Fee in connection with the Loan, which may not be paid from a Loan disbursement; (4) for so long as the Finance Authority is the registered owner of the Bonds, at the direction of the Finance Authority, the interest rate on the Bonds may be adjusted to lower the interest rate on the Bonds, and the difference between the amount payable as the original rate on the Bonds and the lower rate shall be deemed an additional administrative fee in connection with the Wastewater SRF Program; and (5) the Participant shall only be obligated to pay fees, costs and expenses of the Finance Authority's counsel and financial advisers in connection with making the Loan up to \$10,000, which may be paid from a Loan disbursement.

Section 5.10. Applicable Law. This Agreement shall be construed in accordance with and governed by the laws of the State of Indiana.

Section 5.11. Term. This Agreement shall terminate at such time as the Participant has fully met and discharged all of its obligations hereunder, which term may extend beyond the final payment of the Bonds or provision for the payment of the Bonds pursuant to the Authorizing Instrument.

Section 5.12. Non-Collusion. The undersigned attests, subject to the penalties of perjury, that he/she is an authorized officer or representative of the Participant, that he/she has not, nor has any other officer or representative of the Participant, directly or indirectly, to the best of the undersigned's knowledge, entered into or offered to enter into any combination, collusion or agreement to receive pay, and that the undersigned has not received or paid any sum of money or other consideration for the execution of this Agreement other than that which appears upon the face of the agreement or is a payment to lawyers, accountants and engineers by the Participant related to customary services rendered in connection with the Loan.

Section 5.13. Federal Award Information. The CFDA Number for the Finance Authority's Wastewater SRF Program (also known as the Clean Water SRF Loan Program) is 66.458 and the Federal Agency & Program Name is "US Environmental Protection Agency Capitalization Grant for Clean Water State Revolving Funds."

(End of Article V)

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BEEN INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers or officials, all as of the date first above written.

**SANITARY DISTRICT OF THE CITY OF
EAST CHICAGO, INDIANA**

"Participant"

By: _____

Printed: _____

Title: _____

Attest: _____

CITY OF EAST CHICAGO, INDIANA

"City"

By: _____

Printed: _____

Title: Mayor

INDIANA FINANCE AUTHORITY

"Finance Authority"

By: _____

James P. McGoff

Director of Environmental Programs

Attested by Finance Authority Staff:

Attest: _____

City Controller

By: _____

B-25

US.125038713.03

EXHIBIT A

The Project includes the following components:

[To come from approved PER]

The Project is more fully described in, and shall be in accordance with, the Preliminary Engineering Report and the Plans and Specifications approved by the Finance Authority (or if designated by the Finance Authority, the Department).

[End of Exhibit A]

EXHIBIT B

Principal Payment Schedule for the Bonds

<u>Maturity Date</u>	<u>Principal Amount</u>	<u>Maturity Date</u>	<u>Principal Amount</u>	<u>Maturity Date</u>	<u>Principal Amount</u>
1/15/2020		1/15/2032		1/15/2044	
7/15/2020		7/15/2032		7/15/2044	
1/15/2021		1/15/2033		1/15/2045	
7/15/2021		7/15/2033		7/15/2045	
1/15/2022		1/15/2034		1/15/2046	
7/15/2022		7/15/2034		7/15/2046	
1/15/2023		1/15/2035		1/15/2047	
7/15/2023		7/15/2035		7/15/2047	
1/15/2024		1/15/2036		1/15/2048	
7/15/2024		7/15/2036		7/15/2048	
1/15/2025		1/15/2037		1/15/2049	
7/15/2025		7/15/2037		7/15/2049	
1/15/2026		1/15/2038		1/15/2050	
7/15/2026		7/15/2038		7/15/2050	
1/15/2027		1/15/2039		1/15/2051	
7/15/2027		7/15/2039		7/15/2051	
1/15/2028		1/15/2040		1/15/2052	
7/15/2028		7/15/2040		7/15/2052	
1/15/2029		1/15/2041		1/15/2053	
7/15/2029		7/15/2041		7/15/2053	
1/15/2030		1/15/2042		1/15/2054	
7/15/2030		7/15/2042		7/15/2054	
1/15/2031		1/15/2043			
7/15/2031		7/15/2043			

Total

[End of Exhibit B]

EXHIBIT C
Credit Instrument

Credit Providers rated on a long term basis lower than "A-/A3" long term by Standard & Poor's Ratings Services, a Division of the McGraw-Hill Companies and Moody's Investors Service, Inc. are:

- None.

[End of Exhibit C]

Exhibit D
Additional Terms

- A. The following additional terms in this Paragraph A (related to costs of Planning or Design being treated as Eligible Costs under this Agreement and the related defined terms) are NOT applicable to the Loan:*

“Equivalency Project” shall mean a project designated by the Finance Authority as an “equivalency project” under the Clean Water Act related to the “US Environmental Protection Agency Capitalization Grant for Clean Water State Revolving Funds” for the federal fiscal year ending September 30, 2019 (or such later federal fiscal year as the Finance Authority may otherwise designate).

“A/E Services” shall mean professional services related to the Planning or Design of the Project including for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural related services.

The Participant understands and acknowledges that the Project has been designated as an Equivalency Project and is required to meet the related applicable requirements of the Clean Water Act which among other requirements requires that for costs of Planning or Design (including costs for A/E Services) to be treated as Eligible Costs under this Agreement, such services (and the related contract) are required to be negotiated in the same manner as a contract for architectural and engineering services as negotiated under chapter 11 of title 40, United States Code (as amended). In connection with any request for disbursement of the Loan that is submitted by the Participant to the Finance Authority to provide for the payment of any costs of Planning or Design (including costs for A/E Services), the Participant represents and warrants that such costs relate only to services provided under a contract negotiated in the same manner as a contract for architectural and engineering services as negotiated under chapter 11 of title 40, United States Code (as amended).

- B. The following additional terms in this Paragraph B (related to GPR Projects and the related defined terms) are [NOT] applicable to the Loan.*

“GPR Projects” shall mean Project components that meet the requirement of the “Green Project Reserve (GPR) Sustainability Incentive Program” consistent with SRF Policy Guidelines including applicable requirements of the Wastewater SRF Act.

“GPR Projects Adjustment Fee” shall mean an amount which would equal the gross additional interest that would have accrued on the Bonds from the date of this Agreement through their scheduled final maturity, had such Bonds been issued at an interest rate determined under the Wastewater SRF Program’s interest rate policies and practices using the final, actual GPR Projects Expenditures (rather than the GPR Projects Business Case Amount), all as determined by the Finance Authority.

“GPR Projects Business Case Amount” shall mean the amount referenced in the Participant’s business case related to GPR Projects as was set in the Participant’s Preliminary Engineering Report (or categorical exclusion) posted at www.srf.in.gov, uses of funds information submitted to the Finance Authority after the Project was bid or some other submitted information that was used by the Finance Authority prior to the date of this Agreement to set a special interest rate under the Wastewater SRF Program’s interest rate policies and practices applicable to the Bonds.

“GPR Projects Expenditures” shall mean those costs and expenses incurred by the Participant that are part of the Project which are GPR Projects in nature (within the meaning of the Wastewater SRF Act) as determined by the Finance Authority, in order for the Bonds to receive special interest rate treatment under the Wastewater SRF Program’s interest rate policies and practices.

The Participant understands and acknowledges that a special interest rate has been applied to the Bonds as a result of a portion of the Project having been identified by the Participant as being a GPR Projects project. In the event GPR Projects Expenditures are hereafter determined by the Finance Authority to be less than the GPR Projects Business Case Amount, then the Finance Authority may request and the Participant shall promptly pay (no later than thirty (30) days after any request), a GPR Projects Adjustment Fee in connection with the Loan. The Participant shall certify to the Finance Authority those Loan disbursements it represents to be its GPR Projects Expenditures when and as required by SRF Policy Guidelines. The Participant understands and acknowledges that it is required to submit a business case or categorical exclusion documenting the GPR Projects and the GPR Projects Business Case Amount prior to loan closing or if a request is made pursuant to Section 3.02(f) of this Agreement.

- C. The following additional terms in this Paragraph C (related to Non-point Source Projects and the related defined terms) are NOT applicable to the Loan:*

“Non-point Source Adjustment Fee” shall mean an amount which would equal the gross additional interest that would have accrued on the Bonds from the date of this Agreement through their scheduled final maturity, had such Bonds been issued at an interest rate determined under the Wastewater SRF Program’s interest rate policies and practices using the final, actual Non-point Source Expenditures (rather than the Participant’s related post-bid and other documents submitted to the Finance Authority), all as determined by the Finance Authority.

“Non-point Source Expenditures” shall mean those costs and expenses incurred by the Participant that are Non-point Source Projects in order for the Bonds to receive special interest rate treatment under the Wastewater SRF Program’s interest rate policies and practices.

“Non-point Source Projects Amount” shall mean the amount referenced in the Participant’s related post-bid and other documents submitted to the Finance Authority after the Project was bid or some other submitted information that was used by the Finance Authority prior to the date of this Agreement to set a special interest rate under the Wastewater SRF Program’s interest rate policies and practices applicable to the Bonds

“Non-point Source Projects” shall mean Project components that meet the requirement of SRF Policy Guidelines and the Wastewater SRF Act to be non-point source in nature as determined by the Finance Authority.

The Participant understands and acknowledges that a special interest rate has been applied to the Bonds as a result of a portion of the Project having been identified by the Participant as being a non-point source project. In the event Non-point Source Expenditures are hereafter determined by the Finance Authority to be less than the Non-point Source Projects Amount, then the Finance Authority may request and the Participant shall promptly pay (no later than thirty (30) days after any request), a Non-point Source Adjustment Fee in connection with the Loan. The Participant shall certify to the Finance Authority those Loan disbursements it represents to be its Non-point Source Expenditures when and as required by SRF Policy Guidelines.

[End of Exhibit D]