



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:
Robert Sprague, Chairman
Treasurer of State
Dave Yost
Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent JP Morgan Chase Bank banking fees [TOS Consolidation Account] for the month of April 2019, are \$418.79.

Robert Sprague

CHAIRMAN

Stacy Cumberland

SECRETARY

May 29, 2019

DATE



J.P.Morgan

JPMORGAN CHASE BANK, N.A.

INVOICE #: 000100000001529590

ACCOUNT: 001 000000000704346915
PRODUCTION DATE: 05-06-2019

STATE OF OHIO TREASURER OF STATE
JOSH MANDEL - TOS CONSOLIDATION ACCT
30 E BROAD ST 10TH FL
ATTN RECONCILIATION DEPT
COLUMBUS OH 43266-0421

OFFICER CONTACT:
NANCY DORSA
(317) 767-8344

OTHER CONTACT:
GLOBAL CLIENT CARE SERVICE CTR
(888) 434-3030

BILLING ACTIVITY

Charges and other debits

Invoice Date	Invoice	Description	Amount
01-31-2019	000100000001525697	PREVIOUS SERVICE CHARGE	265.24
02-28-2019	000100000001526983	PREVIOUS SERVICE CHARGE	402.32
03-31-2019	000100000001528282	PREVIOUS SERVICE CHARGE	411.60
04-30-2019	000100000001529590	CURRENT SERVICE CHARGE	418.79
TOTAL			1,497.95

Payments and other credits

Effective Date	Invoice	Post Date	Description	Amount
TOTAL				0.00
				0.00

INVOICE SUMMARY

Date	Invoice	Total Billed	Total Paid to Date	Outstanding Amount
01-31-2019	000100000001525697	401.56	136.32	265.24
02-28-2019	000100000001526983	402.32	0.00	402.32
03-31-2019	000100000001528282	411.60	0.00	411.60
04-30-2019	000100000001529590	418.79	0.00	418.79
TOTAL OUTSTANDING AMOUNT (05-31-2019)				1,497.95

Account Analysis Payment Remittance

(Please detach and return this portion of the invoice with payment)

Total Amount Due \$ 1,497.95

Customer Name: STATE OF OHIO TREASURER OF STATE
Account: 001 000000000704346915
Production Date: 05-06-2019
Payment Due On: 05-31-2019
Invoice Number: 000100000001529590

Amount Enclosed \$

JPMORGAN CHASE BANK, N.A.
P. O. BOX 973636
DALLAS TX 75397-3636

ACH/Wire payments: ABA 044000037 Account# 619983497
(Please reference your invoice and/ or account number within the Addenda or Payment Detail field)

****The Total Amount Due does not include payments received after 04-30-2019.****

ACCOUNT ANALYSIS STATEMENT
FOR APRIL 2019

PAGE 1 OF 6

J.P.Morgan

STATE OF OHIO TREASURER OF STATE
JOSH MANDEL - TOS CONSOLIDATION ACCT
30 E BROAD ST 10TH FL
ATTN RECONCILIATION DEPT
COLUMBUS OH 43266-0421

DETAIL OF ACCOUNT 001 000000000704346915

ACCOUNT: 001 000000000704346915
PRODUCTION DATE: 05-06-2019

INVOICE

OFFICER CONTACT:
NANCY DORSA
(317) 767-8344

OTHER CONTACT:
GLOBAL CLIENT CARE SERVICE CTR
(888) 434-3030

BALANCE AND COMPENSATION ANALYSIS

EARNINGS ALLOWANCE RATE: 2.175%
MULTIPLIER: \$ 559.22000

AFP CODE	DESCRIPTION	BALANCE INFORMATION	COMPENSATION INFORMATION
000000	AVERAGE NET LEDGER BALANCE	0	0.00
000030	LESS AVERAGE FLOAT BALANCE	0	0.00
000010	AVERAGE NET COLLECTED BALANCE	0	0.00
000011	AVG POSITIVE COLLECTED BALANCE	0	0.00
000420	LESS DDA BAL RESRVE REQUIRMENT	0	0.00
000040	INVESTABLE BALANCE	0	0.00
000400	BAL EQUIVLNT-TOT SERVICE CHRGS	-234,198	0.00
000410	EXCESS/(DEFICIT) INVESTBLE BAL	-234,198	0.00
000240	EARNINGS ALLOWANCE	0	0.00
000331	BAL COMPENSABLE SRVC CHARGES	0	-418.79
000241	EXCESS/(DEFICIT) EARNING ALLOW	0	-418.79
000314	SERVICE CHARGE AMOUNT	0	418.79

JD
5/23/19



ACCOUNT ANALYSIS STATEMENT
FOR APRIL 2019

PAGE 2 OF 6

ACCOUNT: 001 000000000704346915
PRODUCTION DATE: 05-06-2019

J.P.Morgan

DETAIL OF ACCOUNT 001 000000000704346915

STATE OF OHIO TREASURER OF STATE

ACTIVITY SUMMARY

PRODUCT LINE AND DESCRIPTION	BANK SERVICE CODE	AFP SERVICE CODE	UNIT PRICE (\$)	VOLUME	SERVICE CHARGE (\$)	BALANCE EQUIVALENT (\$)	FEE BASED CHARGES (\$)
ACCOUNT SERVICES							
ACCOUNT MAINTENANCE	01005	010000	8.0000	1	8.00	4,474	0.00
STATEMENT CYCLES	01010	010307	0.0000	1	0.00	0	0.00
POST NO CHECKS MAINTENANCE	03499	1500ZZ	1.0000	1	1.00	559	0.00
SUBTOTAL					9.00	5,033	
AUTOMATED CLEARING HOUSE							
ACH MAINTENANCE	02695	250000	10.0000	1	10.00	5,592	0.00
SUBTOTAL					10.00	5,592	
HOST TO HOST							
EDI 822 ANALYSIS MODULE MAINT	01033	010400	0.0000	1	0.00	0	0.00
EDI 822 ANALYSIS ACCT MAINT	01034	010400	5.0000	8	40.00	22,369	0.00
SUBTOTAL					40.00	22,369	
JPMORGAN ACCESS							
ACCOUNTS REPORTED	06041	40044Z	15.0000	3	45.00	25,165	0.00
MONTHLY SERVICE	06040	400610	50.0000	1	50.00	27,961	0.00
TRANSACTIONS REPORTED - 45 DAY	06043	40066Z	0.1000	203	20.30	11,352	0.00
EXTENDED TRANSACTION DETAIL	06053	40066Z	0.0000	10	0.00	0	0.00
ACCT TRANSFER ITEM	06076	400699	1.0000	2	2.00	1,118	0.00
SUBTOTAL					117.30	65,597	
BAI/SWIFT/ISO REPORTING							
H2H TRANS DETAIL REPORTED	06094	400110	0.0300	4	0.12	67	0.00
H2H NON-CHECK ITEMS REPORTED	06095	400110	0.0300	79	2.37	1,325	0.00
H2H FILES TRANSMITTED OVER 67	03653	4004ZZ	0.0000	22	0.00	0	0.00
H2H ACCOUNTS REPORTED	06085	4004ZZ	30.0000	2	60.00	33,553	0.00
SUBTOTAL					62.49	34,946	
INT REC & PAY - RECONCILE / 71							
5681 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	

ACCOUNT ANALYSIS STATEMENT
FOR APRIL 2019

PAGE 3 OF 6

ACCOUNT: 001 00000000704346915
PRODUCTION DATE: 05-06-2019

J.P.Morgan

DETAIL OF ACCOUNT 001 00000000704346915

STATE OF OHIO TREASURER OF STATE

ACTIVITY SUMMARY

PRODUCT LINE AND DESCRIPTION	BANK SERVICE CODE	AFP SERVICE CODE	UNIT PRICE (\$)	VOLUME	SERVICE CHARGE (\$)	BALANCE EQUIVALENT (\$)	FEE BASED CHARGES (\$)
INT REC & PAY - RECONCILE / 78 1166 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	
INT REC & PAY - RECONCILE / 78 1216 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	
INT REC & PAY - RECONCILE / 78 12161 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	
INT REC & PAY - RECONCILE / 78 12162 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	
INT REC & PAY - RECONCILE / 78 12163 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	
INT REC & PAY - RECONCILE / 78 12164 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	
INT REC & PAY - RECONCILE / 78 12165 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	



ACCOUNT ANALYSIS STATEMENT
FOR APRIL 2019

PAGE 4 OF 6

J.P.Morgan

STATE OF OHIO TREASURER OF STATE

DETAIL OF ACCOUNT 001 000000000704346916

ACCOUNT: 001 000000000704346915
PRODUCTION DATE: 05-06-2019

ACTIVITY SUMMARY

PRODUCT LINE AND DESCRIPTION	BANK SERVICE CODE	AFP SERVICE CODE	UNIT PRICE (\$)	VOLUME	SERVICE CHARGE (\$)	BALANCE EQUIVALENT (\$)	FEE BASED CHARGES (\$)
INT REC & PAY - RECONCILE / 78 1859 CLOSED LBX IMAGE VIEWING	06139	050005	20.0000	1	20.00	11,184	0.00
SUBTOTAL					20.00	11,184	
TOTAL CHARGE FOR SERVICES		000300			418.79	0	
TOTAL FEE BASED CHARGES		000330			0.00	0	
BAL COMPENSABLE SRVC CHARGES		000331			-418.79	0	
BAL EQUIVLNT-TOT SERVICE CHRGS		000400			0.00	234,198	

ACCOUNT ANALYSIS STATEMENT
FOR APRIL 2019

PAGE 5 OF 6

ACCOUNT: 001 000000000704346915
PRODUCTION DATE: 05-06-2019

J.P.Morgan

DETAIL OF ACCOUNT 001 000000000704346915

STATE OF OHIO TREASURER OF STATE

RELATIONSHIP BALANCE COMPENSATION HISTORY

MONTH	AVERAGE NET LEDGER BALANCE (\$)	AVERAGE NET COLLECTED BALANCE (\$)	INVESTABLE BALANCE (\$)	BALANCE EQUIVALENT TOTAL SERVICE CHARGES (\$)	EXCESS/ (DEFICIT) INVESTABLE BALANCE (\$)	EARNINGS ALLOWANCE RATE (%)	EARNINGS ALLOWANCE (\$)	BALANCE COMPENSABLE SERVICE CHARGES (\$)	EXCESS/ (DEFICIT) EARNINGS ALLOWANCE (\$)
JAN	0	0	0	202,269	-202,269		0	402	-402
FEB	0	0	0	236,759	-236,759		0	402	-402
MAR	0	0	0	220,309	-220,309		0	412	-412
APR	0	0	0	234,198	-234,198		0	419	-419
JAN - APR AVERAGE	0	0	0	223,384					
JAN - APR NET					-893,536		0	1,634	-1,634



Board of Deposit
Chase Consolidation Account 6915 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
1005	01 00 00	ACCOUNT MAINTENANCE		8	1 \$ 8.00	\$ 8.00	\$ -	
1010	01 03 07	STATEMENT CYCLES		0	1 \$ -	\$ -	\$ -	
3499	15 00 ZZ	POST NO CHECKS MAINTENANCE		1	1 \$ 1.00	\$ 1.00	\$ -	
2695	25 00 00	ACH MAINTENANCE		10	1 \$ 10.00	\$ 10.00	\$ -	
1033	01 04 00	EDI 822 ANALYSIS MODULE MAINT		0	1 \$ -	\$ -	\$ -	
1034	01 04 00	EDI 822 ANALYSIS ACCT MAINT		5	8 \$ 40.00	\$ 40.00	\$ -	
6041	40 04 4Z	ACCOUNTS REPORTED		15	3 \$ 45.00	\$ 45.00	\$ -	
6040	40 06 10	MONTHLY SERVICE		50	1 \$ 50.00	\$ 50.00	\$ -	
6043	40 06 6Z	TRANSACTIONS REPORTED - 45 DAY		0.1	203 \$ 20.30	\$ 20.30	\$ -	
6053	40 06 6Z	EXTENDED TRANSACTION DETAIL		0	10 \$ -	\$ -	\$ -	
6076	40 06 99	ACCT TRANSFER ITEM		1	2 \$ 2.00	\$ 2.00	\$ -	
6094	40 01 10	H2H TRANS DETAIL REPORTED		0.03	4 \$ 0.12	\$ 0.12	\$ -	
6095	40 01 10	H2H NON-CHECK ITEMS REPORTED		0.03	79 \$ 2.37	\$ 2.37	\$ -	
3653	40 04 ZZ	H2H FILES TRANSMITTED OVER 67		0	22 \$ -	\$ -	\$ -	
6085	40 04 ZZ	H2H ACCOUNTS REPORTED		30	2 \$ 60.00	\$ 60.00	\$ -	
6139	05 00 05	CLOSEDLBX IMAGE VIEWING 715681		20	1 \$ 20.00	\$ 20.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 781166		20	1 \$ 20.00	\$ 20.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 781216		20	1 \$ 20.00	\$ 20.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 7812161		20	1 \$ 20.00	\$ 20.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 7812162		20	1 \$ 20.00	\$ 20.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 7812163		20	1 \$ 20.00	\$ 20.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 7812164		20	1 \$ 20.00	\$ 20.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 7812165		20	1 \$ 20.00	\$ 20.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 781859		20	1 \$ 20.00	\$ 20.00	\$ -	
Total					\$ 418.79	\$ 418.79	\$ -	

Service Fee Total	\$ 418.79
Earnings Credit Allowance	\$ -
Total	\$ 418.79



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:

Robert Sprague, Chairman
Treasurer of State

Dave Yost
Attorney General

Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent Huntington banking fees [ODNR-Division of Reclamation] for April 2019, are \$126.43.

Robert Sprague

CHAIRMAN

Stacey Cumberland

SECRETARY

May 29, 2019

DATE

THE HUNTINGTON NATIONAL BANK
 PO BOX 1558 EA2W20
 COLUMBUS OH 43216-1558



TREAS-ST OH DEPT NATURAL RESOURCES
 RECLAMATION
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892412957

Analysis Period From 04/01/2019
 To 04/30/2019
 Statement Date 06/08/2019

Account Summary Section

Group Account: 801892412957

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	24,657.69	EARNINGS CREDIT ALLOWANCE	21.27
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-147.70
AVERAGE COLLECTED BALANCE	24,657.69	NET CHARGE FOR SERVICES	-126.43
AVG POSITIVE COLLECTED BALANCE	24,657.69	***SERVICE CHARGE AMOUNT	126.43
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	24,657.69		
LESS BALANCE REQUIRED	-171,184.30		
NET AVAILABLE BALANCE	-146,526.61		
TOTAL DEFICIT BALANCE	-146,526.61		

Service Charge Detail

Group Account: 801892412957

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	639	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
INFORMATION REPORTING					
4006	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
TOTAL CHARGE FOR SERVICES					147.70

Please review your statement within 30 days and notify the bank of any questions. We will research your inquiry and notify you of any findings. After 30 days, the items on the statement will be deemed to be correct.

THE HUNTINGTON NATIONAL BANK
PO BOX 1558 EA2W20
COLUMBUS OH 43216-1558



TREAS-ST OH DEPT NATURAL RESOURCES
RECLAMATION
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
or to Huntington Business Direct at
1-800-480-2001

Account Analysis Statement

Group: 801892412957

Account: 01892412957

Analysis Period From 04/01/2019
To 04/30/2019
Statement Date 05/08/2019
Invoice Due Date* 05/30/2019

* Please remit the Total Amount Due of 245.86 before this date

Invoice Details

Group: 801892412957

Description	
Previous Balance	242.01
Payments Received	
04/23/2019 Invoice # 8900000000051486	3.85
04/23/2019 Invoice # 8900000000051880	116.29
04/23/2019 Invoice # 8900000000062287	2.44
Grand Total Payments Received	122.58-
Account Summary of Charges	
Previous Invoice Balance	119.43
Total Past Due	119.43
Current Service Charges	126.43
Total Amount Due	245.86

Statement Period 04/01/2019 to 04/30/2019 Page 3 of 4

(please fold and tear here to remit this portion with your payment)

TREAS-ST OH DEPT NATURAL RESOURCES
RECLAMATION
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43215-3414

Group #: 801892412957
Invoice Date: 04/30/2019
Invoice #: 008900000000062682

THE HUNTINGTON NATIONAL BANK
DEPT. L-2043
COLUMBUS OHIO 43260

Payment Due on 05/30/2019
Amount Due 245.86
Amount Enclosed:

\$

Checks and money orders should be made payable to Huntington National Bank

THE HUNTINGTON NATIONAL BANK
 PO BOX 1558 EA2W20
 COLUMBUS OH 43216-1558



TREAS-ST OH DEPT NATURAL RESOURCES
 DIVISION OF RECLAMATION
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892412957

Account: 01892412957

Analysis Period From 04/01/2019
 To 04/30/2019
 Statement Date 06/08/2019

Account Summary Section

Public Fund Analyzed Checking Account: 01892412957

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	24,657.69	EARNINGS CREDIT ALLOWANCE 1.050 %	21.27
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-147.70
AVERAGE COLLECTED BALANCE	24,657.69	NET CHARGE FOR SERVICES	-126.43
AVG POSITIVE COLLECTED BALANCE	24,657.69	***SERVICE CHARGE AMOUNT	126.43
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	24,657.69		
LESS BALANCE REQUIRED	-171,184.30		
NET AVAILABLE BALANCE	-146,526.61		
TOTAL DEFICIT BALANCE	-146,526.61		

PR
 5/23/19

Service Charge Detail

Public Fund Analyzed Checking Account: 01892412957

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	639	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
INFORMATION REPORTING					
4006	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
TOTAL CHARGE FOR SERVICES					147.70

Board of Deposit
Huntington ODNR Division of Reclamation 2957 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
	21 01 00 00	MONTHLY SERVICE FEEUF		13	1 \$ 13.00	\$ 13.00	\$ -	
	104 01 03 07	PAPERLESS STATEMENT		0	1 \$ -	\$ -	\$ -	
	3004 30 01 00	ANALYSIS STATEMENT VIA EDI		15	1 \$ 15.00	\$ 15.00	\$ -	
	183 25 10 53	ACH POS PAY-ALERTS		0	639 \$ -	\$ -	\$ -	
	1490 25 10 50	ACH POS PAY ONLY ACCT		20	1 \$ 20.00	\$ 20.00	\$ -	
	3722 40 00 ZZ	BOL ACCOUNT MAINT-BASIC		0	1 \$ -	\$ -	\$ -	
	3742 40 02 72	BOL PREVIOUS DAY ITEMS-BASIC		0	22 \$ -	\$ -	\$ -	
	4005 40 00 12	INFO RPT-TRANS - MONTHLY MAINT		15	1 \$ 15.00	\$ 15.00	\$ -	
	4006 40 02 30	INFO RPT-TRANS - PREV DAY SUMM		0.35	242 \$ 84.70	\$ 84.70	\$ -	
		Total			\$ 147.70	\$ 147.70	\$ -	
		Service Fee Total			\$ 147.70			
		Earnings Credit Allowance			\$ 21.27			
		Total			\$ 126.43			



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:
Robert Sprague, Chairman
Treasurer of State
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Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent Huntington banking fees [ODNR Lake Katherine] for April 2019, are \$143.39.

Robert Sprague

CHAIRMAN

Stacy Cumberland

SECRETARY

May 29, 2019

DATE

THE HUNTINGTON NATIONAL BANK
 PO BOX 1668 EA2W20
 COLUMBUS OH 43216-1668



TREAS-ST OH DEPT NATURAL RESOURCES
 ODNR LAKE KATHERINE
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892413134

Analysis Period From 04/01/2019
 To 04/30/2019
 Statement Date 06/08/2019

Account Summary Section

Group Account: 801892413134

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	5,000.00	EARNINGS CREDIT ALLOWANCE	4.31
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-147.70
AVERAGE COLLECTED BALANCE	5,000.00	NET CHARGE FOR SERVICES	-143.39
AVG POSITIVE COLLECTED BALANCE	5,000.00	***SERVICE CHARGE AMOUNT	143.39
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	5,000.00		
LESS BALANCE REQUIRED	-171,184.30		
NET AVAILABLE BALANCE	-166,184.30		
TOTAL DEFICIT BALANCE	-166,184.30		

Service Charge Detail

Group Account: 801892413134

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	639	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
INFORMATION REPORTING					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
TOTAL CHARGE FOR SERVICES					147.70

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THE HUNTINGTON NATIONAL BANK
PO BOX 1558 EA2W20
COLUMBUS OH 43216-1558



TREAS-ST OH DEPT NATURAL RESOURCES
ODNR LAKE KATHERINE
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
or to Huntington Business Direct at
1-800-480-2001

Account Analysis Statement

Group: 801892413134

Account: 01892413134

Analysis Period From 04/01/2019
To 04/30/2019
Statement Date 05/08/2019
Invoice Due Date* 06/30/2019

* Please remit the Total Amount Due of 553.89 before this date

Invoice Details

Group: 801892413134

Description	
Previous Balance	410.50
Account Summary of Charges	
Previous Invoice Balance	410.50
Total Past Due	410.50
Current Service Charges	143.39
Total Amount Due	553.89

Statement Period 04/01/2019 to 04/30/2019 Page 3 of 4

(please fold and tear here to remit this portion with your payment)

TREAS-ST OH DEPT NATURAL RESOURCES
ODNR LAKE KATHERINE
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43216-3414

Group #:801892413134
Invoice Date: 04/30/2019
Invoice #: 008900000000052684

THE HUNTINGTON NATIONAL BANK
DEPT. L-2043
COLUMBUS OHIO 43260

Payment Due on 05/30/2019
Amount Due 553.89
Amount Enclosed:

\$

Checks and money orders should be made payable to Huntington National Bank

THE HUNTINGTON NATIONAL BANK
 PO BOX 1558 EA2W20
 COLUMBUS OH 43216-1558



TREAS-ST OH DEPT NATURAL RESOURCES
 ODNR LAKE KATHERINE MGMT FUND
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892413134

Account: 01892413134

Analysis Period From 04/01/2019
 To 04/30/2019
 Statement Date 06/08/2019

Account Summary Section

Public Fund Analyzed Checking Account: 01892413134

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	5,000.00	EARNINGS CREDIT ALLOWANCE 1.050 %	4.31
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-147.70
AVERAGE COLLECTED BALANCE	5,000.00	NET CHARGE FOR SERVICES	-143.39
AVG POSITIVE COLLECTED BALANCE	5,000.00	***SERVICE CHARGE AMOUNT	143.39
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	5,000.00		
LESS BALANCE REQUIRED	-171,184.30		
NET AVAILABLE BALANCE	-166,184.30		
TOTAL DEFICIT BALANCE	-166,184.30		

Handwritten signature and date: 5/23/19

Service Charge Detail

Public Fund Analyzed Checking Account: 01892413134

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	639	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
INFORMATION REPORTING					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
TOTAL CHARGE FOR SERVICES					147.70

Board of Deposit

Huntington ODNR Lake Katherine Management Fund 3134 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
21	01 00 00	MONTHLY SERVICE FEEUF	13	1	\$ 13.00	\$ 13.00	\$ -	
104	01 03 07	PAPERLESS STATEMENT	0	1	\$ -	\$ -	\$ -	
3004	30 01 00	ANALYSIS STATEMENT VIAEDI	15	1	\$ 15.00	\$ 15.00	\$ -	
183	25 10 53	ACH POS PAY-ALERTS	0	639	\$ -	\$ -	\$ -	
1490	25 10 50	ACH POS PAY ONLY ACCT	20	1	\$ 20.00	\$ 20.00	\$ -	
3722	40 00 22	BOL ACCOUNT MAINT-BASIC	0	1	\$ -	\$ -	\$ -	
3742	40 02 72	BOL PREVIOUS DAY ITEMS-BASIC	0	22	\$ -	\$ -	\$ -	
4005	40 00 12	INFO RPT-TRANS - MONTHLY MAINT	15	1	\$ 15.00	\$ 15.00	\$ -	
4006	40 02 30	INFO RPT-TRANS - PREV DAY SUMM	0.35	242	\$ 84.70	\$ 84.70	\$ -	
Total					\$ 147.70	\$ 147.70	\$ -	
Service Fee Total					\$ 147.70			
Earnings Credit Allowance					\$ 4.31			
Total					\$ 143.39			



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:

Robert Sprague, Chairman
Treasurer of State
Dave Yost
Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent Huntington banking fees [ODNR-Wildlife Habitat Fund] for October 2018, are \$161.37.

Robert Sprague

CHAIRMAN

Stacy Cumberland

SECRETARY

May 29, 2019

DATE

THE HUNTINGTON NATIONAL BANK
 PO BOX 1668 EA2W20
 COLUMBUS OH 43216-1668



TREAS-ST OH DEPT NATURAL RESOURCES
 WILDLIFE HABITAT
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892413105

Analysis Period From 10/01/2018
 To 10/31/2018
 Statement Date 11/08/2018

Account Summary Section

Group Account: 801892413105

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	38.54	EARNINGS CREDIT ALLOWANCE	.03
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-161.40
AVERAGE COLLECTED BALANCE	38.54	NET CHARGE FOR SERVICES	-161.37
AVG POSITIVE COLLECTED BALANCE	38.54	***SERVICE CHARGE AMOUNT	161.37
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	38.54		
LESS BALANCE REQUIRED	-180,929.40		
NET AVAILABLE BALANCE	-180,890.86		
TOTAL DEFICIT BALANCE	-180,890.86		

Service Charge Detail

Group Account: 801892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251063	ACH POS PAY-ALERTS	716	.0000	.00
1490	251060	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	24	.0000	.00
3746	400276	BOL CURRENT DAY ITEMS-BASIC	2	.0000	.00
WIRE TRANSFER					
3524	350104	WIRE-TRANSMISSION DOMESTIC	1	9.0000	9.00
3580	350320	WIRE-INCOMING INTERNAL	1	4.0000	4.00

Service Charge Detail

Group Account: 801892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
INFORMATION REPORTING					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3600	84.70
4007	400231	INFO RPT-TRANS - PREV DAY DETL	2	.3600	.70
TOTAL CHARGE FOR SERVICES					161.40

THE HUNTINGTON NATIONAL BANK
PO BOX 1668 EA2W20
COLUMBUS OH 43216-1668



TREAS-ST OH DEPT NATURAL RESOURCES
WILDLIFE HABITAT
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
or to Huntington Business Direct at
1-800-480-2001

Account Analysis Statement

Group: 801892413105

Account: 01892413105

Analysis Period From 10/01/2018
To 10/31/2018
Statement Date 11/08/2018
Invoice Due Date* 11/30/2018

* Please remit the Total Amount Due of 449.07 before this date

Invoice Details

Group: 801892413105

Description	
Previous Balance	287.70
Account Summary of Charges	
Previous Invoice Balance	287.70
Total Past Due	287.70
Current Service Charges	161.37
Total Amount Due	449.07

Statement Period 10/01/2018 to 10/31/2018 Page 3 of 5

(please fold and tear here to remit this portion with your payment)

TREAS-ST OH DEPT NATURAL RESOURCES
WILDLIFE HABITAT
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43215-3414

Group #: 801892413105
Invoice Date: 10/31/2018
Invoice #: 008900000000050257

THE HUNTINGTON NATIONAL BANK
DEPT. L-2043
COLUMBUS OHIO 43260

Payment Due on 11/30/2018
Amount Due 449.07
Amount Enclosed:

\$

Checks and money orders should be made payable to Huntington National Bank

THE HUNTINGTON NATIONAL BANK
 PO BOX 1668 EA2W20
 COLUMBUS OH 43216-1668



TREAS-ST OH DEPT NATURAL RESOURCES
 ODNR WILDLIFE HABITAT FUND
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892413105

Account: 01892413105

Analysis Period From 10/01/2018
 To 10/31/2018
 Statement Date 11/08/2018

Account Summary Section

Public Fund Analyzed Checking Account: 01892413105

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	38.54	EARNINGS CREDIT ALLOWANCE 1.050 %	.03
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-161.40
AVERAGE COLLECTED BALANCE	38.54	NET CHARGE FOR SERVICES	-161.37
AVG POSITIVE COLLECTED BALANCE	38.54	***SERVICE CHARGE AMOUNT	161.37
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	38.54		
LESS BALANCE REQUIRED	-180,929.40		
NET AVAILABLE BALANCE	-180,890.86		
TOTAL DEFICIT BALANCE	-180,890.86		

Handwritten signature and date: 5/8/19

Service Charge Detail

Public Fund Analyzed Checking Account: 01892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	716	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	400ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	24	.0000	.00
3746	400275	BOL CURRENT DAY ITEMS-BASIC	2	.0000	.00
WIRE TRANSFER					
3524	350104	WIRE-TRANSMISSION DOMESTIC	1	9.0000	9.00
3580	350320	WIRE-INCOMING INTERNAL	1	4.0000	4.00

Service Charge Detail

Public Fund Analyzed Checking Account: 01892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
INFORMATION REPORTING					
4006	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
4007	400231	INFO RPT-TRANS - PREV DAY DETL	2	.3500	.70
TOTAL CHARGE FOR SERVICES					161.40

Board of Deposit
Huntington ODNR Wildlife Habitat Fund 3105 - October 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comment
1490	25 10 50	ACH POS PAY ONLY ACCT	20	1	\$ 20.00	\$ 20.00	\$ -	
183	25 10 53	ACH POS PAY-ALERTS	0	716	\$ -	\$ -	\$ -	
3004	30 01 00	ANALYSIS STATEMENT VIA EDI	15	1	\$ 15.00	\$ 15.00	\$ -	
3722	40 00 22	BOL ACCOUNT MAINT-BASIC	0	1	\$ -	\$ -	\$ -	
3746	40 02 75	BOL CURRENT DAY ITEMS-BASIC	0	2	\$ -	\$ -	\$ -	
3742	40 02 72	BOL PREVIOUS DAY ITEMS-BASIC	0	24	\$ -	\$ -	\$ -	
4005	40 00 12	INFO RPT-TRANS - MONTHLY MAINT	15	1	\$ 15.00	\$ 15.00	\$ -	
4007	40 02 31	INFO RPT-TRANS - PREV DAY DETL	0.35	2	\$ 0.70	\$ 0.50	\$ 0.20	Credit will be applied on November statement
4006	40 02 30	INFO RPT-TRANS - PREV DAY SUMM	0.35	242	\$ 84.70	\$ 84.70	\$ -	
21	01 00 00	MONTHLY SERVICE FEEUF	13	1	\$ 13.00	\$ 13.00	\$ -	
104	01 03 07	PAPERLESS STATEMENT	0	1	\$ -	\$ -	\$ -	
3580	35 03 20	WIRE-INCOMING INTERNAL	4	1	\$ 4.00	\$ 4.00	\$ -	
3524	35 01 04	WIRE-TRANSMISSION DOMESTIC	9	1	\$ 9.00	\$ 9.00	\$ -	
Total					\$ 161.40	\$ 161.20	\$ 0.20	\$.20 Credit will be applied on November statement - the difference is added to the Service Fee Total for this month's payment

Service Fee Total	\$ 161.40
Earnings Credit Allowance	\$ 0.03
Total	\$ 161.37



STATE BOARD OF DEPOSIT

STATE OF OHIO

Members:
Robert Sprague, Chairman
Treasurer of State
Dave Yost
Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent Huntington banking fees [ODNR-Wildlife Habitat Fund] for November 2018, are \$139.80.

Robert Sprague

CHAIRMAN

Stacy Cumberland

SECRETARY

May 29, 2019

DATE

THE HUNTINGTON NATIONAL BANK
 PO BOX 1658 EA2W20
 COLUMBUS OH 43216-1658



TREAS-ST OH DEPT NATURAL RESOURCES
 WILDLIFE HABITAT
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice Reprint
 Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892413105

Analysis Period From 11/01/2018
 To 11/30/2018
 Statement Date 12/12/2018

Account Summary Section

Group Account: 801892413105

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	.00	EARNINGS CREDIT ALLOWANCE	.00
LESS AVERAGE FLOAT	.00		
AVERAGE COLLECTED BALANCE	.00	Credits	Amount
AVG POSITIVE COLLECTED BALANCE	.00	SERVICE CHARGE ADJUSTMENT	.20
LESS RESERVE REQUIRED	.00	TOTAL MISCELLANEOUS CREDITS	.20
AVERAGE AVAILABLE BALANCE	.00	TOTAL CREDITS	.20
ADDITIONAL CREDIT BALANCES	231.80	TOTAL CHARGE FOR SERVICES	-140.00
LESS BALANCE REQUIRED	-162,260.00	NET CHARGE FOR SERVICES	-139.80
NET AVAILABLE BALANCE	-162,028.20	***SERVICE CHARGE AMOUNT	139.80
TOTAL DEFICIT BALANCE	-162,028.20		

Service Charge Detail

Group Account: 801892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	642	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	20	.0000	.00
INFORMATION REPORTING					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00

Service Charge Detail

Group Account: 801892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	220	.3600	77.00
TOTAL CHARGE FOR SERVICES					140.00

THE HUNTINGTON NATIONAL BANK
PO BOX 1668 EA2W20
COLUMBUS OH 43216-1668



TREAS-ST OH DEPT NATURAL RESOURCES
WILDLIFE HABITAT
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43215-3414

Invoice Reprint
Direct inquiries to your Relationship Manager
or to Huntington Business Direct at
1-800-480-2001

Account Analysis Statement

Group: 801892413105

Account: 01892413105

Analysis Period From 11/01/2018
To 11/30/2018
Statement Date 12/12/2018
Invoice Due Date* 12/30/2018

* Please remit the Total Amount Due of 437.32 before this date

Invoice Details

Group: 801892413105

Description	
Previous Balance	449.07
Payments Received 11/08/2018 Invoice # 8900000000049417	151.55
Grand Total Payments Received	151.55-
Account Summary of Charges	
Previous Invoice Balance	297.52
Total Past Due	297.52
Current Service Charges	139.80
Total Amount Due	437.32

Statement Period 11/01/2018 to 11/30/2018 Page 3 of 4

(please fold and tear here to remit this portion with your payment)

TREAS-ST OH DEPT NATURAL RESOURCES
WILDLIFE HABITAT
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43216-3414

Group #:801892413105
Invoice Date: 11/30/2018
Invoice #: 00890000000060715

THE HUNTINGTON NATIONAL BANK
DEPT. L-2043
COLUMBUS OHIO 43260

Payment Due on 12/30/2018
Amount Due 437.32
Amount Enclosed:

\$

Checks and money orders should be made payable to Huntington National Bank

THE HUNTINGTON NATIONAL BANK
 PO BOX 1668 EA2W20
 COLUMBUS OH 43216-1668



TREAS-ST OH DEPT NATURAL RESOURCES
 ODNR WILDLIFE HABITAT FUND
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice Reprint
 Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892413105

Account: 01892413105

Analysis Period From 11/01/2018
 To 11/30/2018
 Statement Date 12/12/2018

Account Summary Section

Public Fund Analyzed Checking Account: 01892413105

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	.00	EARNINGS CREDIT ALLOWANCE 1.050 %	.00
LESS AVERAGE FLOAT	.00		
AVERAGE COLLECTED BALANCE	.00	Credits	Amount
AVG POSITIVE COLLECTED BALANCE	.00	SERVICE CHARGE ADJUSTMENT	.20
LESS RESERVE REQUIRED @	.00	TOTAL MISCELLANEOUS CREDITS	.20
AVERAGE AVAILABLE BALANCE	.00	TOTAL CREDITS	.20
ADDITIONAL CREDIT BALANCES	231.80	TOTAL CHARGE FOR SERVICES	-140.00
LESS BALANCE REQUIRED	-162,260.00	NET CHARGE FOR SERVICES	-139.80
NET AVAILABLE BALANCE	-162,028.20	***SERVICE CHARGE AMOUNT	139.80
TOTAL DEFICIT BALANCE	-162,028.20		

Handwritten signature and date: 5/18/19

Service Charge Detail

Public Fund Analyzed Checking Account: 01892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	261053	ACH POS PAY-ALERTS	642	.0000	.00
1490	261050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	400ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	20	.0000	.00
INFORMATION REPORTING					
4006	4001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	220	.3500	77.00
TOTAL CHARGE FOR SERVICES					140.00

Board of Deposit
Huntington ODNR Wildlife Habitat Fund 3105 - November 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
	21 01 00 00	MONTHLY SERVICE FEEUF	13	1	\$ 13.00	\$ 13.00	\$ -	
	104 01 03 07	PAPERLESS STATEMENT	0	1	\$ -	\$ -	\$ -	
	3004 30 01 00	ANALYSIS STATEMENT VIA EDI	15	1	\$ 15.00	\$ 15.00	\$ -	
	183 25 10 53	ACH POS PAY-ALERTS	0	642	\$ -	\$ -	\$ -	
	1490 25 10 50	ACH POS PAY ONLY ACCT	20	1	\$ 20.00	\$ 20.00	\$ -	
	3722 40 00 ZZ	BOL ACCOUNT MAINT-BASIC	0	1	\$ -	\$ -	\$ -	
	3742 40 02 72	BOL PREVIOUS DAY ITEMS-BASIC	0	20	\$ -	\$ -	\$ -	
	4005 40 00 1Z	INFO RPT-TRANS - MONTHLY MAINT	15	1	\$ 15.00	\$ 15.00	\$ -	
	4006 40 02 30	INFO RPT-TRANS - PREV DAY SUMM	0.35	220	\$ 77.00	\$ 77.00	\$ -	
		Total			\$ 140.00	\$ 140.00	\$ -	

Service Fee Total	\$ 140.00
Earnings Credit Allowance	\$ 0.20
Total	\$ 139.80



STATE BOARD OF DEPOSIT

STATE OF OHIO

Members:

Robert Sprague, Chairman
Treasurer of State

Dave Yost
Attorney General

Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent Huntington banking fees [ODNR-Wildlife Habitat Fund] for April 2019, are \$151.96.

Robert Sprague

CHAIRMAN

Stacey Cumberlander

SECRETARY

May 29, 2019

DATE

THE HUNTINGTON NATIONAL BANK
 PO BOX 1558 EA2W20
 COLUMBUS OH 43216-1558



TREAS-ST OH DEPT NATURAL RESOURCES
 WILDLIFE HABITAT
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892413105

Analysis Period From 04/01/2019
 To 04/30/2019
 Statement Date 05/08/2019

Account Summary Section

Group Account: 801892413105

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	47.32	EARNINGS CREDIT ALLOWANCE	.04
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-152.00
AVERAGE COLLECTED BALANCE	47.32	NET CHARGE FOR SERVICES	-151.96
AVG POSITIVE COLLECTED BALANCE	47.32	***SERVICE CHARGE AMOUNT	151.96
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	47.32		
LESS BALANCE REQUIRED	-176,168.00		
NET AVAILABLE BALANCE	-176,120.68		
TOTAL DEFICIT BALANCE	-176,120.68		

Service Charge Detail

Group Account: 801892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251063	ACH POS PAY-ALERTS	639	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	23	.0000	.00
3746	400275	BOL CURRENT DAY ITEMS-BASIC	1	.0000	.00
WIRE TRANSFER					
3580	350320	WIRE-INCOMING INTERNAL	1	4.0000	4.00
INFORMATION REPORTING					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00

Service Charge Detail

Group Account: 801892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3600	84.70
4007	400231	INFO RPT-TRANS - PREV DAY DETL	1	.3000	.30
TOTAL CHARGE FOR SERVICES					152.00

Please review your statement within 30 days and notify the bank of any questions. We will research your inquiry and notify you of any findings. After 30 days, the items on the statement will be deemed to be correct.

THE HUNTINGTON NATIONAL BANK
PO BOX 1668 EA2W20
COLUMBUS OH 43216-1668



TREAS-ST OH DEPT NATURAL RESOURCES
WILDLIFE HABITAT
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
or to Huntington Business Direct at
1-800-480-2001

Account Analysis Statement

Group: 801892413105

Account: 01892413105

Analysis Period From 04/01/2019
To 04/30/2019
Statement Date 06/08/2019
Invoice Due Date* 06/30/2019

* Please remit the Total Amount Due of 890.53 before this date

Invoice Details

Group: 801892413105

Description	
Previous Balance	738.57
Account Summary of Charges	
Previous Invoice Balance	738.57
Total Past Due	738.57
Current Service Charges	151.96
Total Amount Due	890.53

Statement Period 04/01/2019 to 04/30/2019 Page 3 of 5

(please fold and tear here to remit this portion with your payment)

TREAS-ST OH DEPT NATURAL RESOURCES
WILDLIFE HABITAT
30 E. BROAD STREET 10TH FLOOR
COLUMBUS OH 43215-3414

Group #: 801892413105
Invoice Date: 04/30/2019
Invoice #: 008900000000062683

THE HUNTINGTON NATIONAL BANK
DEPT. L-2043
COLUMBUS OHIO 43260

Payment Due on 06/30/2019
Amount Due 890.53
Amount Enclosed:

\$

Checks and money orders should be made payable to Huntington National Bank

THE HUNTINGTON NATIONAL BANK
 PO BOX 1568 EA2W20
 COLUMBUS OH 43216-1568



TREAS-ST OH DEPT NATURAL RESOURCES
 ODNR WILDLIFE HABITAT FUND
 30 E. BROAD STREET 10TH FLOOR
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801892413105

Account: 01892413105

Analysis Period From 04/01/2019
 To 04/30/2019
 Statement Date 05/08/2019

Account Summary Section

Public Fund Analyzed Checking Account: 01892413105

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	47.32	EARNINGS CREDIT ALLOWANCE 1.050 %	.04
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-162.00
AVERAGE COLLECTED BALANCE	47.32	NET CHARGE FOR SERVICES	-151.96
AVG POSITIVE COLLECTED BALANCE	47.32	***SERVICE CHARGE AMOUNT	151.96
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	47.32		
LESS BALANCE REQUIRED	-176,168.00		
NET AVAILABLE BALANCE	-176,120.68		
TOTAL DEFICIT BALANCE	-176,120.68		

Handwritten signature and date: 5/23/19

Service Charge Detail

Public Fund Analyzed Checking Account: 01892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	639	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
BUSINESS ONLINE-BOL					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	23	.0000	.00
3746	400275	BOL CURRENT DAY ITEMS-BASIC	1	.0000	.00
WIRE TRANSFER					
3580	350320	WIRE-INCOMING INTERNAL	1	4.0000	4.00
INFORMATION REPORTING					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00

Service Charge Detail

Public Fund Analyzed Checking Account: 01892413105

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
4007	400231	INFO RPT-TRANS - PREV DAY DETL	1	.3000	.30
TOTAL CHARGE FOR SERVICES					162.00

Board of Deposit
Huntington ODNR Wildlife Habitat Fund 3105 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
21	01 00 00	MONTHLY SERVICE FEE		13	1 \$ 13.00	\$ 13.00	\$ -	
104	01 03 07	PAPERLESS STATEMENT		0	1 \$ -	\$ -	\$ -	
3004	30 01 00	ANALYSIS STATEMENT VIAEDI		15	1 \$ 15.00	\$ 15.00	\$ -	
183	25 10 53	ACH POS PAY-ALERTS		0	639 \$ -	\$ -	\$ -	
1490	25 10 50	ACH POS PAY ONLY ACCT		20	1 \$ 20.00	\$ 20.00	\$ -	
3722	40 00 ZZ	BOL ACCOUNT MAINT-BASIC		0	1 \$ -	\$ -	\$ -	
3742	40 02 72	BOL PREVIOUS DAY ITEMS-BASIC		0	23 \$ -	\$ -	\$ -	
3746	40 02 75	BOL CURRENT DAY ITEMS-BASIC		0	1 \$ -	\$ -	\$ -	
3580	35 03 20	WIRE-INCOMING INTERNAL		4	1 \$ 4.00	\$ 4.00	\$ -	
4005	40 00 12	INFO RPT-TRANS - MONTHLY MAINT		15	1 \$ 15.00	\$ 15.00	\$ -	
4006	40 02 30	INFO RPT-TRANS - PREV DAY SUMM		0.35	242 \$ 84.70	\$ 84.70	\$ -	
4007	40 02 31	INFO RPT-TRANS - PREV DAY DETL		0.3	1 \$ 0.30	\$ 0.30	\$ -	
Total					\$ 152.00	\$ 152.00	\$ -	

Service Fee Total	\$ 152.00
Earnings Credit Allowance	\$ 0.04
Total	\$ 151.96



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:

Robert Sprague, Chairman
Treasurer of State
Dave Yost
Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent Huntington banking fees [Torrens Law Assurance Fund] for April 2019, are \$270.01.

Robert Sprague

CHAIRMAN

Stacey Cumberland

SECRETARY

May 29, 2019

DATE

THE HUNTINGTON NATIONAL BANK
 PO BOX 1668 EA2W20
 COLUMBUS OH 43216-1668



TREAS-ST OH TORRENS LAW ASSSUR FUND
 TLAF
 30 E BROAD ST FL 10
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801891935590

Analysis Period From 04/01/2019
 To 04/30/2019
 Statement Date 05/08/2019

Account Summary Section

Group Account: 801891935590

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	26,298.98	EARNINGS CREDIT ALLOWANCE	22.69
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-292.70
AVERAGE COLLECTED BALANCE	26,298.98	NET CHARGE FOR SERVICES	-270.01
AVG POSITIVE COLLECTED BALANCE	26,298.98	***SERVICE CHARGE AMOUNT	270.01
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	26,298.98		
LESS BALANCE REQUIRED	-339,239.30		
NET AVAILABLE BALANCE	-312,940.32		
TOTAL DEFICIT BALANCE	-312,940.32		

Service Charge Detail

Group Account: 801891935590

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	639	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
PAYMENT CENTER					
2201	320000	PYMNT CNTR-PREMIER ACH & WIRES	1	70.0000	70.00
2202	320001	PYMNT CNTR-PREMIER ACCOUNTS	10	5.0000	50.00
		**NO CHARGE			
2202	320001	PYMNT CNTR-PREMIER ACCOUNTS	15	5.0000	75.00
BUSINESS ONLINE-BOL					
3702	4000ZZ	BOL COMPANY MAINT-BASIC	1	.0000	.00
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00

Service Charge Detail

Group Account: 801891935590

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
INFORMATION REPORTING					
4006	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
TOTAL CHARGE FOR SERVICES					292.70
TOTAL NO CHARGE					60.00

Please review your statement within 30 days and notify the bank of any questions. We will research your inquiry and notify you of any findings. After 30 days, the items on the statement will be deemed to be correct.

THE HUNTINGTON NATIONAL BANK
PO BOX 1558 EA2W20
COLUMBUS OH 43216-1558



TREAS-ST OH TORRENS LAW ASSSUR FUND
TLAF
30 E BROAD ST FL 10
COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
or to Huntington Business Direct at
1-800-480-2001

Account Analysis Statement

Group: 801891935590

Account: 01891935590

Analysis Period From 04/01/2019
To 04/30/2019
Statement Date 05/08/2019
Invoice Due Date* 05/30/2019

* Please remit the Total Amount Due of 1,325.86 before this date

Invoice Details

Group: 801891935590

Description	
Previous Balance	1,055.85
Account Summary of Charges	
Previous Invoice Balance	1,055.85
Total Past Due	1,055.85
Current Service Charges	270.01
Total Amount Due	1,325.86

Statement Period 04/01/2019 to 04/30/2019 Page 3 of 5

(please fold and tear here to remit this portion with your payment)

TREAS-ST OH TORRENS LAW ASSSUR FUND
TLAF
30 E BROAD ST FL 10
COLUMBUS OH 43215-3414

Group #: 801891935590
Invoice Date: 04/30/2019
Invoice #: 008900000000062616

THE HUNTINGTON NATIONAL BANK
DEPT. L-2043
COLUMBUS OHIO 43260

Payment Due on 06/30/2019

Amount Due 1,325.86

Amount Enclosed:

\$

Checks and money orders should be made payable to Huntington National Bank

THE HUNTINGTON NATIONAL BANK
 PO BOX 1658 EA2W20
 COLUMBUS OH 43216-1658



TREAS-ST OH TORRENS LAW ASSSUR FUND
 TORRENS LAW ASSURANCE FUND T
 30 E BROAD ST FL 10
 COLUMBUS OH 43215-3414

Invoice

Direct inquiries to your Relationship Manager
 or to Huntington Business Direct at
 1-800-480-2001

Account Analysis Statement

Group: 801891935590

Account: 01891935590

Analysis Period From 04/01/2019
 To 04/30/2019
 Statement Date 06/08/2019

Account Summary Section

Public Fund Analyzed Checking Account: 01891935590

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	26,298.98	EARNINGS CREDIT ALLOWANCE 1.050 %	22.69
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-292.70
AVERAGE COLLECTED BALANCE	26,298.98	NET CHARGE FOR SERVICES	-270.01
AVG POSITIVE COLLECTED BALANCE	26,298.98	***SERVICE CHARGE AMOUNT	270.01
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	26,298.98		
LESS BALANCE REQUIRED	-339,239.30		
NET AVAILABLE BALANCE	-312,940.32		
TOTAL DEFICIT BALANCE	-312,940.32		

Handwritten signature and date: 5/23/19

Service Charge Detail

Public Fund Analyzed Checking Account: 01891935590

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
GENERAL ACCOUNT SERVICES					
0021	010000	MONTHLY SERVICE FEE	1	13.0000	13.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
ACCOUNT ANALYSIS					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
BUSINESS SECURITY SUITE					
0183	251053	ACH POS PAY-ALERTS	639	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	20.0000	20.00
PAYMENT CENTER					
2201	320000	PYMNT CNTR-PREMIER ACH & WIRES	1	70.0000	70.00
2202	320001	PYMNT CNTR-PREMIER ACCOUNTS	10	5.0000	50.00
		**NO CHARGE			
2202	320001	PYMNT CNTR-PREMIER ACCOUNTS	15	5.0000	75.00
BUSINESS ONLINE-BOL					
3702	4000ZZ	BOL COMPANY MAINT-BASIC	1	.0000	.00
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00

Service Charge Detail**Public Fund Analyzed Checking Account: 01891935590**

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
INFORMATION REPORTING					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
TOTAL CHARGE FOR SERVICES					292.70
TOTAL NO CHARGE					60.00

Board of Deposit

Huntington Torrens Law Assurance Fund 5590 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
21	01 00 00	MONTHLY SERVICE FEEUF	13	1	\$ 13.00	\$ 13.00	\$ -	
104	01 03 07	PAPERLESS STATEMENT	0	1	\$ -	\$ -	\$ -	
3004	30 01 00	ANALYSIS STATEMENT VIA EDI	15	1	\$ 15.00	\$ 15.00	\$ -	
183	25 10 53	ACH POS PAY-ALERTS	0	639	\$ -	\$ -	\$ -	
1490	25 10 50	ACH POS PAY ONLY ACCT	20	1	\$ 20.00	\$ 20.00	\$ -	
2201	32 00 00	PYMNT CNTR-PREMIER ACH & WIRES	70	1	\$ 70.00	\$ 70.00	\$ -	
2202	32 00 01	PYMNT CNTR-PREMIER ACCOUNTS - NO CH	5	10	\$ 50.00	\$ -	\$ 50.00	NO CHARGE
2202	32 00 01	PYMNT CNTR-PREMIER ACCOUNTS	5	15	\$ 75.00	\$ 75.00	\$ -	
3702	40 00 ZZ	BOL COMPANY MAINT-BASIC	0	1	\$ -	\$ -	\$ -	
3722	40 00 ZZ	BOL ACCOUNT MAINT-BASIC	0	1	\$ -	\$ -	\$ -	
3742	40 02 72	BOL PREVIOUS DAY ITEMS-BASIC	0	22	\$ -	\$ -	\$ -	
4005	40 00 1Z	INFO RPT-TRANS - MONTHLY MAINT	15	1	\$ 15.00	\$ 15.00	\$ -	
4006	40 02 30	INFO RPT-TRANS - PREV DAY SUMM	0.35	242	\$ 84.70	\$ 84.70	\$ -	
Total					\$ 342.70	\$ 292.70	\$ 50.00	

Service Fee Total \$ 292.70

Earnings Credit Allowance \$ 22.69

Total \$ 270.01



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:

Robert Sprague, Chairman
Treasurer of State

Dave Yost
Attorney General

Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent KeyBank banking fees [AOS Agency Collateral] for the month of April 2019, are \$13.00.

Robert Sprague

CHAIRMAN

Stacey Cumberland

SECRETARY

May 29, 2019

DATE

TREASURER OF STATE
AOS AGENCY COLLATERAL
88 EAST BROAD STREET
LARA DELEONE OH-18-07-0205
COLUMBUS OH 43215-3506

DATE: MAY 10, 2019
OFFICER: OFFICER LXM3B
ANALYSIS PERIOD: APRIL 2019
KEY ACCOUNT: 359681427431

ACCOUNT ANALYSIS INVOICE

INVOICE NUMBER	INVOICE DATE	PAYMENT	PAYMENT DATE	ADJUSTMENTS	OUTSTANDING INVOICE BALANCE
19010001187	02-11-19				13.00
19020001211	03-11-19				13.00
19030001489	04-11-19				13.00
19040001200	05-11-19				13.00
TOTAL OUTSTANDING INVOICE BALANCES:					52.00
LESS TOTAL PAYMENTS RECEIVED:					.00
TOTAL AMOUNT DUE:					52.00

** PLEASE MAKE TIMELY PAYMENTS ON YOUR ANALYSIS INVOICE. INVOICES WHICH ARE 90 **
** DAYS PAST DUE WILL BE DIRECT DEBITED FROM YOUR DDA ACCOUNT AND WILL INCUR A \$30 **
** PAST DUE SURCHARGE. PLEASE CONTACT OUR COMMERCIAL CLIENT SERVICE CENTER, YOUR **
** CASH MANAGEMENT SALES OFFICER, OR RELATIONSHIP MANAGER WITH ANY QUESTIONS. **

PAST DUE AGING:

31 DAYS AND OVER \$26.00

TREASURER OF STATE TOTAL AMOUNT DUE 52.00

ACCOUNT NUMBER: 359681427431

AMOUNT ENCLOSED:

MAIL PAYMENT TO:

APPLY TO THE FOLLOWING INVOICES:

KEYBANK NATIONAL ASSOCIATION	INVOICE NBR	INVOICE AMT	PAYMENT AMOUNT
ATTN: DEPARTMENT AA 0101	19010001187	13.00	_____
P O BOX 901626	19020001211	13.00	_____
CLEVELAND, OHIO 44190-1626	19030001489	13.00	_____
	19040001200	13.00	_____

RETURN THIS PORTION WITH YOUR REMITTANCE



KeyBank National Association
 Account Analysis, OH-01-51-2005
 4910 Tiedeman Road
 Brooklyn, OH 44144-2338

Account Analysis Statement
April 2019

*TREASURER OF STATE
 30 E BROAD ST 9TH FL
 COLUMBUS OH 43215-3414

Relationship Overview : *TREASURER OF STATE

Balance Summary	
Average Ledger Balance	\$0.00
LESS: Average Float	(\$0.00)
Average Collected Balance	\$0.00
Average Positive Collected Balance	\$0.00
Balance Available to Support Services	\$0.00
LESS: Balance Needed To Support Services	(\$6,131.97)
Balance Deficiency/Surplus for Eligible Services	(\$6,131.97)

Billing Information	
Settlement Cycle	Monthly
Payment Method	Invoice
Billing Account	XXXXXXXXX7431
Days in the Month	30

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$13.00
LESS: Earnings Credit Allowance	\$0.00
Service Charges Due	\$13.00

APR 15/23/19

An invoice will be distributed on approximately the 15th business day of the month.

Trend Analysis [^]								
Months	Average Ledger Balance	Average Collected Balance	Balance Available to Support Services	Balance Needed to Support Services	Service Charges Eligible for Earnings Credit	Earnings Credit Allowance	Direct Service Charges	Service Charges Due
APR	\$0	\$0	\$0	\$6,132	\$13	\$0	\$0	\$13
MAR	\$0	\$0	\$0	\$5,882	\$13	\$0	\$0	\$13
FEB	\$0	\$0	\$0	\$6,436	\$13	\$0	\$0	\$13
JAN	\$0	\$0	\$0	\$5,579	\$13	\$0	\$0	\$13
YTD	\$0	\$0	\$0	\$6,007	\$52	\$0	\$0	\$52

[^] All numbers in this section are rounded to the nearest whole dollar

Please contact your Account Officer or the Commercial Business Banking Center at 1-800-821-2829 with questions.

Account Officer: Lara Deleone
 Center: 3080035 SO



Account Analysis Statement

April 2019

Relationship Summary

Relationship Overview : *TREASURER OF STATE
Accounts in Relationship: 1

Accounts Analyzed ^

Account Number	Account Name	Earnings Credit Rate	Balance Needed to Support Services	Balance Available to Support Services	Service Charges Eligible for Earnings Credit	Direct Service Charges	Earnings Credit Allowance
359681427431	*TREASURER OF STATE	2.58%	\$6,132	\$0	\$13	\$0	\$0
Total			\$6,132	\$0	\$13	\$0	\$0

^ All numbers in this section are rounded to the nearest whole dollar

* Notes the billing account for the relationship

Service Activity Summary

Service Codes	Services	Total Service Charges
AFP01	General Account Services	\$10.00
AFP25	General ACH Services	\$3.00
Total		\$13.00

Service Activity Details

Service Codes	Services	Quantity	Unit Price	Total Service Charges	Balance Needed To Support Services
01	General Account Services				
01 00 00	Maintenance	1	\$10.00	\$10.00	\$4,716.90
01 04 40	Electronic Analysis Statement	1	\$0.00	\$0.00	\$0.00
AFP01 TOTAL				\$10.00	\$4,716.90
25	General ACH Services				
25 10 52	EPA Admin Fee/Month	1	\$3.00	\$3.00	\$1,415.07
AFP25 TOTAL				\$3.00	\$1,415.07
Total				\$13.00	\$6,131.97



Account Analysis Statement

April 2019

Account Detail

Account Name: TREASURER OF STATE , AOS AGENCY COLLATERAL
Account Number: 359681427431

AA

Balance Summary	
Average Ledger Balance	\$0.00
LESS: Average Float	(\$0.00)
Average Collected Balance	\$0.00
Average Positive Collected Balance	\$0.00
Balance Available to Support Services	\$0.00

Rate and Other Information	
Earnings Credit Rate	2.58%
Service Charge Multiplier	\$471.69
Uncollected Funds Rate	0.00%

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$13.00
Earnings Credit Allowance	(\$0.00)
Service Charges Due	\$13.00

Service Activity Details					
Service Codes	Services	Quantity	Unit Price	Total Service Charges	Balance Needed To Support Services
01	General Account Services				
01 00 00	Maintenance	1	\$10.00	\$10.00	\$4,716.90
01 04 40	Electronic Analysis Statement	1	\$0.00	\$0.00	\$0.00
	AFP01 TOTAL			\$10.00	\$4,716.90
25	General ACH Services				
25 10 52	EPA Admin Fee/Month	1	\$3.00	\$3.00	\$1,415.07
	AFP25 TOTAL			\$3.00	\$1,415.07
	Total			\$13.00	\$6,131.97

Board of Deposit
KeyBank AOS Agency Collateral 7431 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Unfts	Total Amount	List Price	Variance	Comments
RPMDAYPL	00 00 06	# POSITIVE DAYS		0	30 \$ -	\$ -	\$ -	
DDAMAIN	01 00 00	MAINTENANCE		10	1 \$ 10.00	\$ 10.00	\$ -	
DDAANELC	01 04 40	ELECTRONIC ANALYSIS STATEMENT		0	1 \$ -	\$ -	\$ -	
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH		3	1 \$ 3.00	\$ 3.00	\$ -	
Total					\$ 13.00	\$ 13.00	\$ -	
Service Fee Total					\$ 13.00			
Earnings Credit Allowance					\$ -			
Total					\$ 13.00			



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:
Robert Sprague, Chairman
Treasurer of State
Dave Yost
Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent KeyBank banking fees for the month of April 2019, are \$124,492.20.

Robert Sprague

CHAIRMAN

Stacey Cumberland

SECRETARY

May 29, 2019

DATE

TREASURER OF STATE
 REGULAR ACCOUNT
 30 E BROAD ST 10TH FL
 COLUMBUS OH 43215-3414

DATE: MAY 10, 2019
 OFFICER: OFFICER LXM3B
 ANALYSIS PERIOD: APRIL 2019
 KEY ACCOUNT: 14511001050

ACCOUNT ANALYSIS INVOICE

INVOICE NUMBER	INVOICE DATE	PAYMENT	PAYMENT DATE	ADJUSTMENTS	OUTSTANDING INVOICE BALANCE
19010000874	02-11-19				31,737.68
19020000908	03-11-19				106,614.16
19030001194	04-11-19				86,755.09
19040000880	05-11-19				124,492.20
TOTAL OUTSTANDING INVOICE BALANCES:					349,599.13
LESS TOTAL PAYMENTS RECEIVED:					.00
TOTAL AMOUNT DUE:					349,599.13

** PLEASE MAKE TIMELY PAYMENTS ON YOUR ANALYSIS INVOICE. INVOICES WHICH ARE 90 **
 ** DAYS PAST DUE WILL BE DIRECT DEBITED FROM YOUR DDA ACCOUNT AND WILL INCUR A \$30 **
 ** PAST DUE SURCHARGE. PLEASE CONTACT OUR COMMERCIAL CLIENT SERVICE CENTER, YOUR **
 ** CASH MANAGEMENT SALES OFFICER, OR RELATIONSHIP MANAGER WITH ANY QUESTIONS. **

PAST DUE AGING:

31 DAYS AND OVER \$138,351.84

TREASURER OF STATE	TOTAL AMOUNT DUE	349,599.13
ACCOUNT NUMBER: 14511001050	AMOUNT ENCLOSED:	_____
MAIL PAYMENT TO:	APPLY TO THE FOLLOWING INVOICES:	
KEYBANK NATIONAL ASSOCIATION	INVOICE NBR	INVOICE AMT
ATTN: DEPARTMENT AA 0101	19010000874	31,737.68
P O BOX 901626	19020000908	106,614.16
CLEVELAND, OHIO 44190-1626	19030001194	86,755.09
	19040000880	124,492.20

RETURN THIS PORTION WITH YOUR REMITTANCE



KeyBank National Association
 Account Analysis, OH-01-51-2005
 4910 Tiedeman Road
 Brooklyn, OH 44144-2338

Account Analysis Statement

April 2019

*TREASURER OF STATE
 30 E BROAD ST
 COLUMBUS OH 43215-3414

Relationship Overview : *TREASURER OF STATE

Balance Summary	
Average Ledger Balance	\$170,141,237.11
LESS: Average Float	(\$49,694,878.21)
Average Collected Balance	\$120,446,358.90
Average Negative Collected Balance	(\$579.77)
Average Positive Collected Balance	\$120,446,938.67
LESS: Compensating Balance	(\$108,992,473.61)
Balance Available to Support Services	\$11,454,465.06
LESS: Balance Needed To Support Services	(\$70,197,050.50)
Balance Deficiency/Surplus for Eligible Services	(\$58,742,585.44)

Billing Information	
Settlement Cycle	Monthly
Payment Method	Invoice
Billing Account	XXXXXXXX1050
Days in the Month	30

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$148,820.62
LESS: Adjustment	(\$45.00)
Adjusted Service Charges Eligible for Earnings Credit	\$148,775.62
LESS: Earnings Credit Allowance	(\$24,283.42)
Service Charges Due	\$124,492.20

PR 5/23/19

An invoice will be distributed on approximately the 15th business day of the month.

Trend Analysis [^]								
Months	Average Ledger Balance	Average Collected Balance	Balance Available to Support Services	Balance Needed to Support Services	Service Charges Eligible for Earnings Credit	Earnings Credit Allowance	Direct Service Charges	Service Charges Due
APR	\$170,141,237	\$120,446,359	\$11,454,465	\$70,197,051	\$148,821	\$24,283	\$0	\$124,492
MAR	\$197,896,597	\$187,950,368	\$14,211,345	\$53,481,953	\$118,198	\$31,398	\$0	\$86,755
FEB	\$260,447,769	\$253,345,525	\$12,527,270	\$65,322,700	\$131,955	\$25,296	\$0	\$106,614
JAN	\$234,883,806	\$213,083,640	\$14,679,703	\$28,318,686	\$65,984	\$34,201	\$0	\$31,738
YTD	\$215,842,352	\$193,706,473	\$13,218,196	\$54,330,098	\$464,956	\$115,177	\$0	\$349,599

[^] All numbers in this section are rounded to the nearest whole dollar

Please contact your Account Officer or the Commercial Business Banking Center at 1-800-821-2829 with questions.

Account Officer: Lara Deleone
 Center: 3080035 SO



Relationship Summary

Relationship Overview : *TREASURER OF STATE
Accounts in Relationship: 64

Accounts Analyzed ^

Non Interest Bearing Accounts

Account Number	Account Name	Earnings Credit Rate	Balance Needed to Support Services	Balance Available to Support Services	Service Charges Eligible for Earnings Credit	Direct Service Charges	Earnings Credit Allowance
14511001050	*TREASURER OF STATE	2.58%	\$31,163,736	\$0	\$66,068	\$0	\$0
14511001100	TREASURER OF STATE	2.58%	\$331,666	\$48	\$703	\$0	\$0
14511001225	TREASURER OF STATE	2.58%	\$98,913	\$0	\$210	\$0	\$0
14511002447	TREASURER OF STATE	2.58%	\$8,927	\$0	\$19	\$0	\$0
14511002454	TREASURER OF STATE	2.58%	\$8,396	\$0	\$18	\$0	\$0
14511002462	TREASURER OF STATE	2.58%	\$8,266	\$0	\$18	\$0	\$0
14511002470	TREASURER OF STATE	2.58%	\$130,116	\$0	\$276	\$0	\$0
14511002488	TREASURER OF STATE	2.58%	\$1,950,945	\$0	\$4,136	\$0	\$0
354511001688	TREASURER OF STATE	2.58%	\$11,214	\$0	\$24	\$0	\$0
354511002793	TREASURER OF STATE	2.58%	\$8,113	\$0	\$17	\$0	\$0
359681004818	TREASURER OF STATE	2.58%	\$219,553	\$0	\$465	\$0	\$0
359681036752	TREASURER OF STATE	2.58%	\$8,019	\$0	\$17	\$0	\$0
359681092367	TREASURER OF STATE	2.58%	\$477,539	\$0	\$1,012	\$0	\$0
359681099438	TREASURER OF STATE	2.58%	\$9,799	\$0	\$21	\$0	\$0
359681107165	TREASURER OF STATE	2.58%	\$4,717	\$0	\$10	\$0	\$0
359681113973	TREASURER OF STATE	2.58%	\$13,089	\$0	\$28	\$0	\$0
359681120929	TREASURER OF STATE	2.58%	\$84,928	\$0	\$180	\$0	\$0
359681120952	TREASURER OF STATE	2.58%	\$45,471	\$0	\$96	\$0	\$0
359681129375	TREASURER OF STATE	2.58%	\$22,441	\$0	\$48	\$0	\$0
359681130506	TREASURER OF STATE	2.58%	\$151,412	\$0	\$321	\$0	\$0
359681147740	TREASURER OF STATE	2.58%	\$6,285	\$712	\$13	\$0	\$2
359681150413	TREASURER OF STATE	2.58%	\$19,186	\$0	\$41	\$0	\$0
359681156428	TREASURER OF STATE	2.58%	\$11,415	\$0	\$24	\$0	\$0
359681163028	TREASURER OF STATE	2.58%	\$6,394	\$764	\$14	\$0	\$2
359681172128	TREASURER OF STATE	2.58%	\$6,132	\$4,795	\$13	\$0	\$10
359681172136	TREASURER OF STATE	2.58%	\$6,132	\$1,173	\$13	\$0	\$2
359681177572	TREASURER OF STATE	2.58%	\$9,764	\$0	\$21	\$0	\$0
359681181921	TREASURER OF STATE	2.58%	\$54,256	\$0	\$115	\$0	\$0
359681183448	TREASURER OF STATE	2.58%	\$8,278	\$0	\$18	\$0	\$0
359681197869	TREASURER OF STATE	2.58%	\$50,164	\$916,667	\$106	\$0	\$1,943
359681211991	STATE OF OHIO OBM WELFARE	2.58%	\$2,302,956	\$0	\$4,882	\$0	\$0
359681212064	STATE OF OHIO OBM MEDICAID	2.58%	\$902,791	\$0	\$1,914	\$0	\$0
359681212072	STATE OF OHIO OBM VENDOR	2.58%	\$1,891,489	\$0	\$4,010	\$0	\$0
359681237483	TREASURER OF STATE	2.58%	\$8,278	\$0	\$18	\$0	\$0
359681237491	TREASURER OF STATE	2.58%	\$44,964	\$23,256	\$95	\$0	\$49
359681245668	STATE OF OHIO	2.58%	\$27,002,849	\$0	\$57,247	\$0	\$0
359681245692	STATE OF OHIO	2.58%	\$1,794,910	\$0	\$3,805	\$0	\$0
359681296968	TREASURER OF STATE	2.58%	\$9,292	\$0	\$20	\$0	\$0
359681318788	STATE OF OHIO	2.58%	\$23,231	\$0	\$49	\$0	\$0
359681324307	OHIO DEPARTMENT OF	2.58%	\$8,019	\$0	\$17	\$0	\$0
359681341533	OHIO DEPARTMENT OF	2.58%	\$12,394	\$0	\$26	\$0	\$0
359681341541	OHIO DEPARTMENT OF	2.58%	\$37,322	\$0	\$79	\$0	\$0
359681342838	STATE OF OHIO	2.58%	\$5,071	\$10,504,201	\$11	\$0	\$22,269
359681362950	TREASURER OF STATE	2.58%	\$10,872	\$0	\$23	\$0	\$0
359681362968	TREASURER OF STATE	2.58%	\$9,693	\$0	\$21	\$0	\$0
359681367348	TREASURER OF STATE	2.58%	\$8,089	\$0	\$17	\$0	\$0
359681367355	TREASURER OF STATE	2.58%	\$8,137	\$0	\$17	\$0	\$0
359681367363	TREASURER OF STATE	2.58%	\$8,667	\$0	\$18	\$0	\$0



Relationship Summary

Relationship Name : *TREASURER OF STATE

Accounts Analyzed^ - Continued							
<i>Account Number</i>	<i>Account Name</i>	<i>Earnings Credit Rate</i>	<i>Balance Needed to Support Services</i>	<i>Balance Available to Support Services</i>	<i>Service Charges Eligible for Earnings Credit</i>	<i>Direct Service Charges</i>	<i>Earnings Credit Allowance</i>
359681375382	TREASURER OF STATE	2.58%	\$8,184	\$0	\$17	\$0	\$0
359681395919	STATE OF OHIO DAS	2.58%	\$14,705	\$0	\$31	\$0	\$0
359681398533	TREASURER OF STATE	2.58%	\$6,604	\$0	\$14	\$0	\$0
359681398541	TREASURER OF STATE	2.58%	\$12,405	\$0	\$26	\$0	\$0
359681409108	TREASURER OF STATE	2.58%	\$8,278	\$0	\$18	\$0	\$0
359681409116	TREASURER OF STATE	2.58%	\$8,113	\$0	\$17	\$0	\$0
359681415592	TREASURER OF STATE	2.58%	\$199,761	\$0	\$424	\$0	\$0
359681435707	TREASURER OF STATE	2.58%	\$12,299	\$0	\$26	\$0	\$0
359681481164	TREASURER OF STATE	2.58%	\$815,665	\$0	\$1,729	\$0	\$0
359681492963	TREASURER OF STATE	2.58%	\$8,891	\$0	\$19	\$0	\$0
359681530721	TREASURER OF STATE	2.58%	\$10,637	\$2,849	\$23	\$0	\$6
Sub Total			\$70,129,835	\$11,454,465	\$148,678	\$0	\$24,283
Interest Bearing Accounts							
<i>Account Number</i>	<i>Account Name</i>	<i>Earnings Credit Rate</i>	<i>Balance Needed to Support Services</i>	<i>Balance Available to Support Services</i>	<i>Service Charges Eligible for Earnings Credit</i>	<i>Direct Service Charges</i>	<i>Earnings Credit Allowance</i>
359681260766	TREASURER OF STATE	2.58%	\$10,849	\$0	\$23	\$0	\$0
359681261657	TREASURER OF STATE	2.58%	\$10,849	\$0	\$23	\$0	\$0
359681261665	TREASURER OF STATE	2.58%	\$10,849	\$0	\$23	\$0	\$0
359683018600	TREASURER OF STATE	2.58%	\$23,820	\$0	\$51	\$0	\$0
359683035281	TREASURER OF STATE	2.58%	\$10,849	\$0	\$23	\$0	\$0
Sub Total			\$67,216	\$0	\$143	\$0	\$0
Total			\$70,197,051	\$11,454,465	\$148,821	\$0	\$24,283

^ All numbers in this section are rounded to the nearest whole dollar

* Notes the billing account for the relationship

Service Activity Summary		<i>Total Service Charges</i>
<i>Service Codes</i>	<i>Services</i>	
AFP00	Balance & Compensation Information	\$0.00
AFP01	General Account Services	\$1,022.00
AFP05	Lockbox Services	\$10.00
AFP10	Depository Services	\$39,909.67
AFP15	Paper Disbursement Services	\$430.86
AFP20	Paper Disb. Reconciliation Services	\$122.64
AFP25	General ACH Services	\$95,311.54
AFP26	ACH Concentration Services	\$0.00
AFP30	EDI Payment Services	\$198.78
AFP35	Wire and Other Funds Xfer Services	\$4,950.50
AFP40	Information Services	\$6,864.63
AFP45	Investment/Custody Services	\$0.00
AFP99	Undefined Services	\$0.00



Account Analysis Statement

April 2019

Relationship Summary

Relationship Name : *TREASURER OF STATE

Service Activity Summary - Continued		Total Service Charges
Service Codes	Services	
Total		\$148,820.62

Service Activity Details					
Service Codes	Services	Quantity	Unit Price	Total Service Charges	Balance Needed To Support Services
00	Balance & Compensation Information				
00 02 12 H	Uncollected Fund Direct Charge	0	\$0.00	\$0.00	\$0.00
00 02 30	Deposit Assessment			\$0.00	\$0.00
	AFP00 TOTAL			\$0.00	\$0.00
01	General Account Services				
01 00 00	Maintenance	64	\$10.00	\$640.00	\$301,881.60
01 00 99	ZBA Concentration Account	6	\$10.00	\$60.00	\$28,301.40
01 00 99	ZBA Subsidiary Accounts	49	\$4.00	\$196.00	\$92,451.24
01 02 02	KeyNav ZBA Report	1	\$0.00	\$0.00	\$0.00
01 03 00	DDA Paper Statement	10	\$6.00	\$60.00	\$28,301.40
01 03 07	KeyNav Corp Banking Statement	126	\$0.00	\$0.00	\$0.00
01 03 99	DDA Stmt Special Cut	6	\$5.00	\$30.00	\$14,150.70
01 03 99	Statement Duplicate Copy	3	\$10.00	\$30.00	\$14,150.70
01 04 07	KeyNav Analysis Statement	1	\$0.00	\$0.00	\$0.00
01 04 47	KeyNav RPM 822 Statement	1	\$0.00	\$0.00	\$0.00
01 04 99	Analysis Charge- Paper Detail	1	\$6.00	\$6.00	\$2,830.14
	AFP01 TOTAL			\$1,022.00	\$482,067.18
05	Lockbox Services				
05 04 00	KeyNav Receivables Base Fee	1	\$5.00	\$5.00	\$2,358.45
05 04 24	KeyNav LBX Image Base Fee	1	\$5.00	\$5.00	\$2,358.45
	AFP05 TOTAL			\$10.00	\$4,716.90
10	Depository Services				
10 00 00	Branch Deposited Cash	16,934.83	\$0.0005	\$8.48	\$3,993.98
10 01 00	Vault Deposited Cash	79,788.27	\$0.00109	\$86.97	\$41,022.50
10 02 00	Deposits Branch\Night Drop Tkt	86	\$0.55	\$47.30	\$22,310.90
10 02 00	Deposits Key Capture Ticket	851	\$0.08	\$68.08	\$32,112.64
10 02 00	Deposits Key Image Cash Letter	257	\$0.08	\$20.56	\$9,697.94
10 02 00	Deposits Vault Ticket	38	\$0.08	\$3.04	\$1,433.93
10 02 00	Miscellaneous Deposit Tickets	4	\$0.55	\$2.20	\$1,037.71
10 02 1B	Electronic Item Clearing Fee	19,120	\$0.07	\$1,338.40	\$631,309.89
10 02 1B	ICL Clear Agent	278,331	\$0.07	\$19,483.17	\$9,190,016.45
10 02 1B	RDC Scanned Item	19,120	\$0.01	\$191.20	\$90,187.11
10 02 10	ICL On-Us	36,528	\$0.03	\$1,095.84	\$516,896.76
10 02 18	ICL Direct Send	436,141	\$0.03	\$13,084.23	\$6,171,700.44
10 02 24	Branch Per Item Charge	251	\$0.10	\$25.10	\$11,839.40
10 04 00	Check Charge Backs	596	\$1.00	\$596.00	\$281,127.24
10 04 02	Redeposited Returned	651	\$1.50	\$976.50	\$460,605.28
10 04 16	KeyNav Return Item Report	1	\$5.00	\$5.00	\$2,358.45



Relationship Summary

Relationship Name : *TREASURER OF STATE

Service Activity Details - Continued					
<i>Service Codes</i>	<i>Services</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Total Service Charges</i>	<i>Balance Needed To Support Services</i>
10 04 16	Return Advice Image Inquiry	1	\$0.00	\$0.00	\$0.00
10 04 16	Return Item Image	25	\$0.50	\$12.50	\$5,896.12
10 06 00	Deposit Recon Maintenance	1	\$10.00	\$10.00	\$4,716.90
10 06 10	Deposit Recon Per Deposit	81	\$0.10	\$8.10	\$3,820.68
10 99 99	ICL Monthly Fee	2	\$100.00	\$200.00	\$94,338.00
10 99 99	KeyNav Mobile Deposit For RDC	1	\$15.00	\$15.00	\$7,075.35
10 99 99	RDC Monthly Fee	94	\$28.00	\$2,632.00	\$1,241,488.08
10 99 99	RDC Reporting Module	1	\$0.00	\$0.00	\$0.00
	AFP10 TOTAL			\$39,909.67	\$18,824,985.75
15	Paper Disbursement Services				
15 00 30	Positive Pay Maintenance	2	\$5.00	\$10.00	\$4,716.90
15 01 00	Checks/Debits Paid	3,627	\$0.045	\$163.22	\$76,986.88
15 01 20	Positive Pay Per Item	3,632	\$0.02	\$72.64	\$34,263.56
15 03 22	Pospay/ Pymt Protection Return	3	\$0.00	\$0.00	\$0.00
15 04 10	KeyNav Stop Payment Entry	74	\$2.50	\$185.00	\$87,262.65
	AFP15 TOTAL			\$430.86	\$203,229.99
20	Paper Disb. Reconciliation Services				
20 00 10	Reconciliation Maintenance	2	\$10.00	\$20.00	\$9,433.80
20 01 10	Reconciliation Per Item	3,632	\$0.02	\$72.64	\$34,263.56
20 02 01	ARP Weekly Trans Input/Month	1	\$20.00	\$20.00	\$9,433.80
20 03 24	ARP Recon Paper Report	1	\$10.00	\$10.00	\$4,716.90
	AFP20 TOTAL			\$122.64	\$57,848.06
25	General ACH Services				
25 00 00	ACH Monthly Fee	10	\$10.00	\$100.00	\$47,169.00
25 01 00	Orig ACH Dr Via Direct Send	455,601	\$0.025	\$11,390.05	\$5,372,560.83
25 01 00	Originated ACH DB Via KeyNav	157	\$0.025	\$3.93	\$1,851.37
25 01 01	ACH Tax Payment Via KeyNav	3	\$0.50	\$1.50	\$707.53
25 01 01	Orig ACH Cr Via Direct Send	1,224,314	\$0.025	\$30,607.87	\$14,437,416.73
25 01 01	Originated ACH Cr Via KeyNav	18	\$0.025	\$0.46	\$212.25
25 01 20	ACH Addenda Originated	1,082,169	\$0.025	\$27,054.25	\$12,761,207.37
25 01 40	Originated Late File Surcharge	96	\$0.75	\$72.00	\$33,961.67
25 02 00	Incoming ACH Debit Item	30	\$0.025	\$0.76	\$353.75
25 02 01	Incoming ACH Credit Item	85,438	\$0.025	\$2,136.06	\$1,007,506.02
25 02 20	ACH Received Addenda	94,343	\$0.025	\$2,358.66	\$1,112,516.12
25 03 02	ACH Return Items	14,326	\$0.50	\$7,163.00	\$3,378,715.44
25 03 02	Unauthorized ACH Item Return	280	\$0.50	\$140.00	\$66,036.59
25 04 01	CAR,Noc,Rtn Rpt Via E-Mail	337	\$4.00	\$1,348.00	\$635,838.12
25 05 01	ACH Data Transmission	350	\$5.00	\$1,750.00	\$825,457.50
25 06 40	ACH Reversal Or Deletion	15	\$10.00	\$150.00	\$70,753.50
25 07 01	CAR Report Via KeyNav IR	1	\$5.00	\$5.00	\$2,358.45
25 07 01	Rtn ACH Converted Draft Rpt	1	\$0.00	\$0.00	\$0.00
25 07 01	Rtn ACH Resubmitted Via ACH Rpt	1	\$0.00	\$0.00	\$0.00
25 10 52	EPA Admin Fee/Month	61	\$3.00	\$183.00	\$86,319.27
25 10 70	ACH Noc	21,514	\$0.50	\$10,757.00	\$5,073,969.29
25 11 00	ACH Direct Monthly Maint	1	\$15.00	\$15.00	\$7,075.35



Relationship Summary

Relationship Name : *TREASURER OF STATE

Service Activity Details - Continued					
<i>Service Codes</i>	<i>Services</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Total Service Charges</i>	<i>Balance Needed To Support Services</i>
25 11 00	KeyNav ACH Monthly Base Fee	1	\$15.00	\$15.00	\$7,075.35
25 99 99	ACH Letter of Indemnity	2	\$30.00	\$60.00	\$28,301.40
	AFP25 TOTAL			\$95,311.54	\$44,957,362.90
26	ACH Concentration Services				
26 04 00	ACH Reports	1	\$0.00	\$0.00	\$0.00
	AFP26 TOTAL			\$0.00	\$0.00
30	EDI Payment Services				
30 00 00	Monthly EDI Origination Fee	2	\$5.00	\$10.00	\$4,716.90
30 02 10	EDI Translation Fee/1000 Chara	1,351	\$0.025	\$33.78	\$15,931.32
30 02 25	KeyNav Intraday EDI Remit Rpt	1	\$45.00	\$45.00	\$21,226.05
30 02 25	KeyNav Previous Day EDI Report	1	\$0.00	\$0.00	\$0.00
30 05 00	EDI Per File Orig/Recd Fee	22	\$5.00	\$110.00	\$51,885.90
	AFP30 TOTAL			\$198.78	\$93,760.17
35	Wire and Other Funds Xfer Services				
35 01 00	KeyNav Domestic Repeat	4	\$5.00	\$20.00	\$9,433.80
35 01 03	KeyNav Domestic Nonrepeat	28	\$5.00	\$140.00	\$66,036.60
35 01 04	Batch Wire Domestic	8	\$8.00	\$64.00	\$30,188.16
35 01 13	KeyNav International Nonrepeat	3	\$10.00	\$30.00	\$14,150.70
35 01 20	KeyNav Internal Repeat	21	\$3.50	\$73.50	\$34,669.21
35 01 23	KeyNav Internal Nonrepeat	4	\$3.50	\$14.00	\$6,603.65
35 01 24	Batch Wire Internal Nonrepeat	58	\$2.00	\$116.00	\$54,716.04
35 03 00	Incoming Domestic Wire Manual	3	\$8.00	\$24.00	\$11,320.56
35 03 00	Incoming Domestic Wire Stp	553	\$8.00	\$4,424.00	\$2,086,756.56
35 04 11	Wire Mail Advice For Incoming	4	\$5.00	\$20.00	\$9,433.80
35 06 00	KeyNav Wire Maintenance	1	\$25.00	\$25.00	\$11,792.25
35 40 0Z	KeyNav In/Out Wire Rpt	1	\$0.00	\$0.00	\$0.00
	AFP35 TOTAL			\$4,950.50	\$2,335,101.33
40	Information Services				
40 00 12	KeyNav BAI2 Previous Day File	1	\$2.50	\$2.50	\$1,179.22
40 00 15	KeyNav BAI2 Intraday File	1	\$2.50	\$2.50	\$1,179.22
40 00 52	KeyNav Previous Day Report	126	\$1.75	\$220.50	\$104,007.64
40 00 55	KeyNav Intraday Report	126	\$1.75	\$220.50	\$104,007.64
40 01 10	BAI File Transfer Per Acct	156	\$5.00	\$780.00	\$367,918.20
40 01 10	BAI File Xfer Per Detail	183,888	\$0.014	\$2,574.43	\$1,214,333.83
40 01 10	BAI Per File Transfer Fee	69	\$2.50	\$172.50	\$81,366.52
40 02 10	KeyNav Online Access	3	\$0.00	\$0.00	\$0.00
40 02 71	KeyNav Pre Day Detail Items	92,284	\$0.016	\$1,476.54	\$696,471.03
40 02 74	KeyNav Intraday Detail Items	87,916	\$0.016	\$1,406.66	\$663,505.56
40 08 00	Long-Term Image Access	17	\$0.50	\$8.50	\$4,009.36
	AFP40 TOTAL			\$6,864.63	\$3,237,978.22
45	Investment/Custody Services				



Account Analysis Statement

April 2019

Relationship Summary

Relationship Name : *TREASURER OF STATE

Service Activity Details - Continued					
<i>Service Codes</i>	<i>Services</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>Total Service Charges</i>	<i>Balance Needed To Support Services</i>
45 04 03	KeyNav Investments Confirm Rpt	1	\$0.00	\$0.00	\$0.00
	AFP45 TOTAL			\$0.00	\$0.00
99	Undefined Services				
99 99 99	Public Reloadable	4	\$0.00	\$0.00	\$0.00
	AFP99 TOTAL			\$0.00	\$0.00
	Total			\$148,820.62	\$70,197,050.50

Board of Deposit
KeyBank State Regular Account 6213 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	7	\$ -	\$ -	\$ -	
RPMDAYOD	00 00 08	# NEGATIVE DAYS	0	23	\$ -	\$ -	\$ -	
DDAODNCL	00 02 12	UNCOLLECTED FUND DIRECT CHARGE	0	0	\$ -	\$ -	\$ -	
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$ 10.00	\$ 10.00	\$ -	
DDAZBALD	01 00 99	ZBA CONCENTRATION ACCOUNT	10	1	\$ 10.00	\$ 10.00	\$ -	
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$ 4.00	\$ 4.00	\$ -	
DDAOLZBA	01 02 02	KEYNAVZBA REPORT	0	1	\$ -	\$ -	\$ -	
DDAOLDDA	01 03 07	KEYNAV CORP BANKING STATEMENT	0	126	\$ -	\$ -	\$ -	
DDASTSPC	01 03 99	DDA STMT SPECIAL CUT	5	3	\$ 15.00	\$ 15.00	\$ -	
DDAOLRPM	01 04 07	KEYNAV ANALYSIS STATEMENT	0	1	\$ -	\$ -	\$ -	
DDAOLB22	01 04 47	KEYNAV RPM 822 STATEMENT	0	1	\$ -	\$ -	\$ -	
DDAANACG	01 04 99	ANALYSIS CHARGE- PAPER DETAIL	6	1	\$ 6.00	\$ 6.00	\$ -	
DDAOLLBX	05 04 00	KEYNAV RECEIVABLES BASE FEE	5	1	\$ 5.00	\$ 5.00	\$ -	
DDAOLLIB	05 04 24	KEYNAV LBX IMAGE BASE FEE	5	1	\$ 5.00	\$ 5.00	\$ -	
DDAOTCSH	10 00 00	BRANCH DEPOSITED CASH	0.0005	2033.6	\$ 1.02	\$ 1.02	\$ 0.00	
DDAVLTD	10 01 00	VAULT DEPOSITED CASH	0.00109	79788.3	\$ 86.97	\$ 86.97	\$ 0.00	
DDADPBRN	10 02 00	DEPOSITS BRANCH/NIGHT DROP TKT	0.55	45	\$ 24.75	\$ 24.75	\$ -	
DDADPKCP	10 02 00	DEPOSITS KEY CAPTURE TICKET	0.08	469	\$ 37.52	\$ 37.52	\$ -	
DDADPKPL	10 02 00	DEPOSITS KEY IMAGE CASH LETTER	0.08	257	\$ 20.56	\$ 20.56	\$ -	
DDADPOTH	10 02 00	MISCELLANEOUS DEPOSIT TICKETS	0.55	4	\$ 2.20	\$ 2.20	\$ -	
DDADPVL	10 02 00	DEPOSITS VAULT TICKET	0.08	38	\$ 3.04	\$ 3.04	\$ -	
DDAITEAG	10 02 1B	ELECTRONIC ITEM CLEARING FEE	0.07	18046	\$ 1,263.22	\$ 1,263.22	\$ -	
DDAKCPCA	10 02 1B	ICL CLEAR AGENT	0.07	278331	\$ 19,483.17	\$ 19,483.17	\$ -	
DDAKCSN	10 02 1B	RDC SCANNED ITEM	0.01	18046	\$ 180.46	\$ 180.46	\$ -	
DDAKCPOU	10 02 10	ICL ON-US	0.03	36528	\$ 1,095.84	\$ 1,095.84	\$ -	
DDAKCPDS	10 02 18	ICL DIRECT SEND	0.03	436141	\$ 13,084.23	\$ 13,084.23	\$ -	
DDAITUOH	10 02 24	BRANCH PER ITEM CHARGE	0.1	191	\$ 19.10	\$ 19.10	\$ -	
DDAVTRRT	10 04 00	CHECK CHARGE BACKS	1	595	\$ 595.00	\$ 595.00	\$ -	
DDAREDEP	10 04 02	REDEPOSITED RETURNED	1.5	651	\$ 976.50	\$ 976.50	\$ -	
DDAOLRIR	10 04 16	KEYNAV RETURN ITEM REPORT	5	1	\$ 5.00	\$ 5.00	\$ -	
DDAOLRTA	10 04 16	RETURN ADVISE IMAGE INQUIRY	0	1	\$ -	\$ -	\$ -	
DDAVTIM	10 04 16	RETURN ITEM IMAGE	0.5	25	\$ 12.50	\$ 12.50	\$ -	
DDAKCMT	10 99 99	RDC MONTHLY FEE	28	29	\$ 812.00	\$ 812.00	\$ -	
DDAKCPMN	10 99 99	ICL MONTHLY FEE	100	2	\$ 200.00	\$ 200.00	\$ -	
DDAKCRDC	10 99 99	KEYNAV MOBILE DEPOSIT FOR RDC	15	1	\$ 15.00	\$ 15.00	\$ -	
DDAOSPA	15 00 30	POSITIVE PAY MAINTENANCE	5	1	\$ 5.00	\$ 5.00	\$ -	
DDAOLRTN	15 03 22	POSPAY/ PYMT PROTECTION RETURN	0	3	\$ -	\$ -	\$ -	
DDAOLSTP	15 04 10	KEYNAVSTOP PAYMENT ENTRY	2.5	74	\$ 185.00	\$ 185.00	\$ -	
DDARBAS1	20 00 10	RECONCILIATION MAINTENANCE	10	1	\$ 10.00	\$ 10.00	\$ -	
DDACHMTH	25 00 00	ACH MONTHLY FEE	10	4	\$ 40.00	\$ 40.00	\$ -	
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	439581	\$ 10,989.53	\$ 10,989.53	\$ 0.01	
DDACHDR5	25 01 00	ORIGINATED ACH DB VIA KEYNAV	0.025	150	\$ 3.75	\$ 3.75	\$ -	
DDACHCR1	25 01 01	ORIG ACH CR VIA DIRECT SEND	0.025	8	\$ 0.20	\$ 0.20	\$ -	
DDACHCR5	25 01 01	ORIGINATED ACH CR VIA KEYNAV	0.025	17	\$ 0.43	\$ 0.43	\$ 0.01	
DDACHTAX	25 01 01	ACH TAX PAYMENT VIA KEYNAV	0.5	3	\$ 1.50	\$ 1.50	\$ -	
DDACHADD	25 01 20	ACH ADDENDA ORIGINATED	0.025	2395	\$ 59.88	\$ 59.88	\$ 0.01	
DDACHLFS	25 01 40	ORIGINATED LATE FILE SURCHARGE	0.75	44	\$ 33.00	\$ 33.00	\$ -	
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	1738	\$ 43.45	\$ 43.45	\$ -	
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	2613	\$ 65.33	\$ 65.33	\$ 0.00	
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	4624	\$ 2,312.00	\$ 2,312.00	\$ -	
DDASDRET	25 03 02	UNAUTHORIZED ACH ITEM RETURN	0.5	242	\$ 121.00	\$ 121.00	\$ -	
DDACHRPT	25 04 01	CARNOCRTN RPT VIA E-MAIL	4	71	\$ 284.00	\$ 284.00	\$ -	
DDATRMS2	25 05 01	ACH DATA TRANSMISSION	5	147	\$ 735.00	\$ 735.00	\$ -	
DDAOLAEC	25 07 01	RTN ACH CONVERTED DRAFT RPT	0	1	\$ -	\$ -	\$ -	
DDAOLAER	25 07 01	RTN ACH RESUBMITTED VIA ACH RPT	0	1	\$ -	\$ -	\$ -	
DDAOLCAR	25 07 01	CAR REPORT VIA KEYNAV IR	5	1	\$ 5.00	\$ 5.00	\$ -	
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$ 3.00	\$ 3.00	\$ -	
DDACHNOC	25 10 70	ACH NOC	0.5	4736	\$ 2,368.00	\$ 2,368.00	\$ -	
DDAOLCHA	25 11 00	KEYNAV ACH MONTHLY BASE FEE	15	1	\$ 15.00	\$ 15.00	\$ -	
DDAOLDIR	25 11 00	ACH DIRECT MONTHLY MAINT	15	1	\$ 15.00	\$ 15.00	\$ -	
DDAOLACH	26 04 00	ACH REPORTS	0	1	\$ -	\$ -	\$ -	
DDAOLEDI	30 02 25	KEYNAV PREVIOUS DAY EDI REPORT	0	1	\$ -	\$ -	\$ -	
Chrgd incorr - credit will be applied on May invoice								
DDAOLIED	30 02 25	KEYNAV INTRADAY EDI REMIT RPT	45	1	\$ 45.00	\$ -	\$ 45.00	
DDAOLDWR	35 01 00	KEYNAV DOMESTIC REPEAT	5	4	\$ 20.00	\$ 20.00	\$ -	
DDAOLDWN	35 01 03	KEYNAV DOMESTIC NONREPEAT	5	27	\$ 135.00	\$ 135.00	\$ -	
DDAOLILN	35 01 13	KEYNAV INTERNATIONAL NONREPEAT	10	3	\$ 30.00	\$ 30.00	\$ -	
DDAOLITR	35 01 20	KEYNAV INTERNAL REPEAT	3.5	12	\$ 42.00	\$ 42.00	\$ -	
DDAOLITN	35 01 23	KEYNAV INTERNAL NONREPEAT	3.5	3	\$ 10.50	\$ 10.50	\$ -	
DDAWIR32	35 01 24	BATCH WIRE INTERNAL NONREPEAT	2	22	\$ 44.00	\$ 44.00	\$ -	
DDAFINMA	35 03 00	INCOMING DOMESTIC WIRE MANUAL	8	1	\$ 8.00	\$ 8.00	\$ -	
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	447	\$ 3,576.00	\$ 3,576.00	\$ -	
DDAOLWIR	35 06 00	KEYNAV WIRE MAINTENANCE	25	1	\$ 25.00	\$ 25.00	\$ -	
DDAOLIQW	35 40 02	KEYNAV IN/OUT WIRE RPT	0	1	\$ -	\$ -	\$ -	
DDAOLBAI	40 00 12	KEYNAV BAI2 PREVIOUS DAY FILE	2.5	1	\$ 2.50	\$ 2.50	\$ -	
DDAOLIBA	40 00 15	KEYNAV BAI2 INTRADAY FILE	2.5	1	\$ 2.50	\$ 2.50	\$ -	
DDAOLPDA	40 00 52	KEYNAV PREVIOUS DAY REPORT	1.75	126	\$ 220.50	\$ 220.50	\$ -	
DDAOLIDA	40 00 55	KEYNAV INTRADAY REPORT	1.75	126	\$ 220.50	\$ 220.50	\$ -	
DDAOLXAC	40 01 10	BAI FILE TRANSFER PER ACCT	5	156	\$ 780.00	\$ 780.00	\$ -	
DDAOLXBA	40 01 10	BAI PER FILE TRANSFER FEE	2.5	69	\$ 172.50	\$ 172.50	\$ -	
DDAOLKIT	40 01 10	BAI FILE XFER PER DETAIL	0.014	183888	\$ 2,574.43	\$ 2,574.43	\$ (0.00)	
DDAOLACC	40 02 10	KEYNAV ONLINE ACCESS	0	3	\$ -	\$ -	\$ -	

DDAOLTM	40 02 71	KEYNAV PRE DAY DETAIL ITEMS	0.016	92284	\$	1,476.54	\$	1,476.54	\$	(0.00)
DDAOLIRD	40 02 74	KEYNAV INTRADAY DETAIL ITEMS	0.016	87916	\$	1,406.66	\$	1,406.66	\$	0.00
DDAOLTA	40 08 00	LONG-TERM IMAGE ACCESS	0.5	17	\$	8.50	\$	8.50	\$	-
DDAOLSWP	45 04 03	KEYNAV INVESTMENTS CONFIRM RPT	0	1	\$	-	\$	-	\$	-
DDAPRPBR	99 99 99	PUBLIC RELOADABLE	0	4	\$	-	\$	-	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	24	\$	-	\$	-	\$	-
RPMDAYOD	00 00 08	# NEGATIVE DAYS	0	6	\$	-	\$	-	\$	-
DDAODNCL	00 02 12	UNCOLLECTED FUND DIRECT CHARGE	0	0	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDASTSPC	01 03 99	DDA STMT SPECIAL CUT	5	3	\$	15.00	\$	15.00	\$	-
DDADPBRN	10 02 00	DEPOSITS BRANCH/NIGHT DROP TKT	0.55	1	\$	0.55	\$	0.55	\$	-
DDAITUOH	10 02 24	BRANCH PER ITEM CHARGE	0.1	1	\$	0.10	\$	0.10	\$	-
DDAPOS	15 00 30	POSITIVE PAY MAINTENANCE	5	1	\$	5.00	\$	5.00	\$	-
DDACHECK	15 01 00	CHECKS/DEBITS PAID	0.045	3627	\$	163.22	\$	163.22	\$	0.00
DDAPOS1	15 01 20	POSITIVE PAY PER ITEM	0.02	3632	\$	72.64	\$	72.64	\$	-
DDARBAS1	20 00 10	RECONCILIATION MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAARFL1	20 01 10	RECONCILIATION PER ITEM	0.02	3632	\$	72.64	\$	72.64	\$	-
DDAPTRI	20 02 01	ARP WEEKLY TRANS INPUT/MONTH	20	1	\$	20.00	\$	20.00	\$	-
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAOLDWN	35 01 03	KEYNAV DOMESTIC NONREPEAT	5	1	\$	5.00	\$	5.00	\$	-
DDABWIRD	35 01 04	BATCH WIRE DOMESTIC	8	8	\$	64.00	\$	64.00	\$	-
DDAWIR32	35 01 24	BATCH WIRE INTERNAL NONREPEAT	2	5	\$	10.00	\$	10.00	\$	-
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	31	\$	248.00	\$	248.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBALD	01 00 99	ZBA CONCENTRATION ACCOUNT	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDADPBRN	10 02 00	DEPOSITS BRANCH/NIGHT DROP TKT	0.55	10	\$	5.50	\$	5.50	\$	-
DDAITUOH	10 02 24	BRANCH PER ITEM CHARGE	0.1	19	\$	1.90	\$	1.90	\$	-
DDACHMTH	25 00 00	ACH MONTHLY FEE	10	2	\$	20.00	\$	20.00	\$	-
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	102	\$	2.55	\$	2.55	\$	-
DDACHLFS	25 01 40	ORIGINATED LATE FILE SURCHARGE	0.75	7	\$	5.25	\$	5.25	\$	-
DDACRT1	25 03 02	ACH RETURN ITEMS	0.5	2	\$	1.00	\$	1.00	\$	-
DDATRMS2	25 05 01	ACH DATA TRANSMISSION	5	29	\$	145.00	\$	145.00	\$	-
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDACHNOC	25 10 70	ACH NOC	0.5	3	\$	1.50	\$	1.50	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	36	\$	0.90	\$	0.90	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	41	\$	1.03	\$	1.03	\$	0.01
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBASUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	17	\$	0.43	\$	0.43	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	15	\$	0.38	\$	0.38	\$	0.01
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	15	\$	0.38	\$	0.38	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	6	\$	0.15	\$	0.15	\$	-
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHDR2	25 02 00	INCOMING ACH DEBIT ITEM	0.025	1	\$	0.03	\$	0.03	\$	0.01
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	3615	\$	90.38	\$	90.38	\$	0.00
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	3858	\$	96.45	\$	96.45	\$	-
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	9	\$	72.00	\$	72.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	77216	\$	1,930.40	\$	1,930.40	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	86907	\$	2,172.68	\$	2,172.68	\$	0.00
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	2	\$	16.00	\$	16.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDAPAPER	01 03 00	DDA PAPER STATEMENT	6	1	\$	6.00	\$	6.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	6	\$	0.15	\$	0.15	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	25	\$	0.63	\$	0.63	\$	0.01
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHDR5	25 01 00	ORIGINATED ACH DB VIA KEYNAV	0.025	7	\$	0.18	\$	0.18	\$	0.01
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	1	\$	0.03	\$	0.03	\$	0.01
DDAEPAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-

DDAOTCSH	10 00 00	BRANCH DEPOSITED CASH	0.0005	7440	\$	3.72	\$	3.72	\$	(0.00)
DDADPBRN	10 02 00	DEPOSITS BRANCH/NIGHTDROP TKT	0.55	20	\$	11.00	\$	11.00	\$	-
DDADPKPC	10 02 00	DEPOSITS KEY CAPTURE TICKET	0.08	56	\$	4.48	\$	4.48	\$	-
DDAITEAG	10 02 1B	ELECTRONIC ITEM CLEARING FEE	0.07	647	\$	45.29	\$	45.29	\$	-
DDAKCSCN	10 02 1B	RDC SCANNED ITEM	0.01	647	\$	6.47	\$	6.47	\$	-
DDARBAS3	10 06 00	DEPOSIT RECON MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAARCR1	10 06 10	DEPOSIT RECON PER DEPOSIT	0.1	81	\$	8.10	\$	8.10	\$	-
DDAKCMTH	10 99 99	RDC MONTHLY FEE	28	6	\$	168.00	\$	168.00	\$	-
DDARSPMA	20 03 24	ARP RECON PAPER REPORT	10	1	\$	10.00	\$	10.00	\$	-
DDACHMTH	25 00 00	ACH MONTHLY FEE	10	1	\$	10.00	\$	10.00	\$	-
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	4311	\$	107.78	\$	107.78	\$	0.00
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	5	\$	0.13	\$	0.13	\$	0.01
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	6	\$	3.00	\$	3.00	\$	-
DDATRMS2	25 05 01	ACH DATA TRANSMISSION	5	12	\$	60.00	\$	60.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDACHNOC	25 10 70	ACH NOC	0.5	1	\$	0.50	\$	0.50	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	8428	\$	210.70	\$	210.70	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	588	\$	14.70	\$	14.70	\$	-
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	128	\$	64.00	\$	64.00	\$	-
DDASDRET	25 03 02	UNAUTHORIZED ACH ITEM RETURN	0.5	22	\$	11.00	\$	11.00	\$	-
DDACHRPT	25 04 01	CARNOCRTR RPT VIA E-MAIL	4	168	\$	672.00	\$	672.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDACHNOC	25 10 70	ACH NOC	0.5	46	\$	23.00	\$	23.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	73	\$	1.83	\$	1.83	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	78	\$	1.95	\$	1.95	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDASTDPS	01 03 99	STATEMENT DUPLICATE COPY	10	1	\$	10.00	\$	10.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	30	\$	0.75	\$	0.75	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	1577	\$	39.43	\$	39.43	\$	0.01
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	45	\$	1.13	\$	1.13	\$	0.00
DDATRMS2	25 05 01	ACH DATA TRANSMISSION	5	22	\$	110.00	\$	110.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDACHNOC	25 10 70	ACH NOC	0.5	25	\$	12.50	\$	12.50	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHMTH	25 00 00	ACH MONTHLY FEE	10	1	\$	10.00	\$	10.00	\$	-
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	824	\$	20.60	\$	20.60	\$	-
DDACHLFS	25 01 40	ORIGINATED LATE FILE SURCHARGE	0.75	45	\$	33.75	\$	33.75	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	22	\$	0.55	\$	0.55	\$	-
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	5	\$	2.50	\$	2.50	\$	-
DDASDRET	25 03 02	UNAUTHORIZED ACH ITEM RETURN	0.5	1	\$	0.50	\$	0.50	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDACHNOC	25 10 70	ACH NOC	0.5	23	\$	11.50	\$	11.50	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	121	\$	3.03	\$	3.03	\$	0.00
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	121	\$	3.03	\$	3.03	\$	0.00
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAEDITR	30 02 10	EDI TRANSLATION FEE/1000 CHARA	0.025	21	\$	0.53	\$	0.53	\$	0.01
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	3	\$	24.00	\$	24.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAFINMA	35 03 00	INCOMING DOMESTIC WIRE MANUAL	8	1	\$	8.00	\$	8.00	\$	-
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	37	\$	296.00	\$	296.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDACHDR2	25 02 00	INCOMING ACH DEBIT ITEM	0.025	5	\$	0.13	\$	0.13	\$	0.01
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	4	\$	0.10	\$	0.10	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	4	\$	0.10	\$	0.10	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN1	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-

DDASTDPS	01 03 99	STATEMENT DUPLICATE COPY	10	1	\$	10.00	\$	10.00	\$	-
DDAOTCSH	10 00 00	BRANCH DEPOSITED CASH	0.0005	7450	\$	3.73	\$	3.73	\$	0.00
DDADPBRN	10 02 00	DEPOSITS BRANCH/NIGHT DROP TKT	0.55	9	\$	4.95	\$	4.95	\$	-
DDAITUOH	10 02 24	BRANCH PER ITEM CHARGE	0.1	40	\$	4.00	\$	4.00	\$	-
DDAVTRRT	10 04 00	CHECK CHARGE BACKS	1	1	\$	1.00	\$	1.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	162	\$	4.05	\$	4.05	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	106	\$	2.65	\$	2.65	\$	-
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	1	\$	0.50	\$	0.50	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAOTCSH	10 00 00	BRANCH DEPOSITED CASH	0.0005	11.2	\$	0.01	\$	0.01	\$	0.00
DDADPBRN	10 02 00	DEPOSITS BRANCH/NIGHT DROP TKT	0.55	1	\$	0.55	\$	0.55	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	28	\$	0.70	\$	0.70	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	2	\$	6.00	\$	6.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	458	\$	11.45	\$	11.45	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	463	\$	11.58	\$	11.58	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	2	\$	6.00	\$	6.00	\$	-
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	9	\$	72.00	\$	72.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	22	\$	0.55	\$	0.55	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDASTDPS	01 03 99	STATEMENT DUPLICATE COPY	10	1	\$	10.00	\$	10.00	\$	-
DDACHCR1	25 01 01	ORIG ACH CR VIA DIRECT SEND	0.025	18	\$	0.45	\$	0.45	\$	-
DDACHADD	25 01 20	ACH ADDENDA ORIGINATED	0.025	18	\$	0.45	\$	0.45	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	11	\$	0.28	\$	0.28	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	7	\$	0.18	\$	0.18	\$	0.01
DDATRMS2	25 05 01	ACH DATA TRANSMISSION	5	6	\$	30.00	\$	30.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	4	\$	32.00	\$	32.00	\$	-
DDAWIR19	35 04 11	WIRE MAIL ADVICE FOR INCOMING	5	4	\$	20.00	\$	20.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDAPAPER	01 03 00	DDA PAPER STATEMENT	6	1	\$	6.00	\$	6.00	\$	-
DDACHCR1	25 01 01	ORIG ACH CR VIA DIRECT SEND	0.025	91765	\$	2,294.13	\$	2,294.13	\$	0.01
DDACHADD	25 01 20	ACH ADDENDA ORIGINATED	0.025	91765	\$	2,294.13	\$	2,294.13	\$	0.01
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	24	\$	0.60	\$	0.60	\$	-
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	64	\$	32.00	\$	32.00	\$	-
DDATRMS2	25 05 01	ACH DATA TRANSMISSION	5	44	\$	220.00	\$	220.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDACHNOC	25 10 70	ACH NOC	0.5	37	\$	18.50	\$	18.50	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDAPAPER	01 03 00	DDA PAPER STATEMENT	6	1	\$	6.00	\$	6.00	\$	-
DDACHMTH	25 00 00	ACH MONTHLY FEE	10	1	\$	10.00	\$	10.00	\$	-
DDACHCR1	25 01 01	ORIG ACH CR VIA DIRECT SEND	0.025	36525	\$	913.13	\$	913.13	\$	0.00
DDACHADD	25 01 20	ACH ADDENDA ORIGINATED	0.025	36525	\$	913.13	\$	913.13	\$	0.00
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	8	\$	0.20	\$	0.20	\$	-
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	9	\$	4.50	\$	4.50	\$	-
DDATRMS2	25 05 01	ACH DATA TRANSMISSION	5	10	\$	50.00	\$	50.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDAPAPER	01 03 00	DDA PAPER STATEMENT	6	1	\$	6.00	\$	6.00	\$	-
DDACHCR1	25 01 01	ORIG ACH CR VIA DIRECT SEND	0.025	70256	\$	1,756.40	\$	1,756.40	\$	-
DDACHADD	25 01 20	ACH ADDENDA ORIGINATED	0.025	69482	\$	1,737.05	\$	1,737.05	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	33	\$	0.83	\$	0.83	\$	0.01
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	102	\$	51.00	\$	51.00	\$	-
DDATRMS2	25 05 01	ACH DATA TRANSMISSION	5	48	\$	240.00	\$	240.00	\$	-

RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDAPAPER	01 03 00	DDA PAPER STATEMENT	6	1	\$	6.00	\$	6.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	4	\$	0.10	\$	0.10	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	1	\$	0.03	\$	0.03	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAFINMA	35 03 00	INCOMING DOMESTIC WIRE MANUAL	8	1	\$	8.00	\$	8.00	\$	-
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	6	\$	48.00	\$	48.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDACHDR2	25 02 00	INCOMING ACH DEBIT ITEM	0.025	14	\$	0.35	\$	0.35	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	8	\$	0.20	\$	0.20	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	8	\$	0.20	\$	0.20	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDAPAPER	01 03 00	DDA PAPER STATEMENT	6	1	\$	6.00	\$	6.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	1	\$	0.03	\$	0.03	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	1	\$	0.03	\$	0.03	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	89	\$	2.23	\$	2.23	\$	0.00
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	53	\$	1.33	\$	1.33	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	3	\$	0.08	\$	0.08	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	3	\$	0.08	\$	0.08	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	5	\$	0.13	\$	0.13	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	5	\$	0.13	\$	0.13	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	27	\$	0.68	\$	0.68	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	28	\$	0.70	\$	0.70	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	7	\$	0.18	\$	0.18	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	7	\$	0.18	\$	0.18	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	26	\$	0.65	\$	0.65	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	26	\$	0.65	\$	0.65	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAWIRE1	35 03 00	INCOMING DOMESTIC WIRE STP	8	1	\$	8.00	\$	8.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	11	\$	0.28	\$	0.28	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	11	\$	0.28	\$	0.28	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	4	\$	0.10	\$	0.10	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	4	\$	0.10	\$	0.10	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	4	\$	0.10	\$	0.10	\$	-
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	4	\$	0.10	\$	0.10	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	596	\$	14.90	\$	14.90	\$	-

DDACHCR1	25 01 01	ORIGACH CR VIA DIRECT SEND	0.025	3	\$	0.08	\$	0.08	\$	0.01
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	101	\$	2.53	\$	2.53	\$	0.00
DDAACRT1	25 03 02	ACH RETURN ITEMS	0.5	29	\$	14.50	\$	14.50	\$	-
DDASDRET	25 03 02	UNAUTHORIZED ACH ITEM RETURN	0.5	4	\$	2.00	\$	2.00	\$	-
DDACHRPT	25 04 01	CARNOCR TN RPT VIA E-MAIL	4	92	\$	368.00	\$	368.00	\$	-
DDACHNOC	25 10 70	ACH NOC	0.5	15	\$	7.50	\$	7.50	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDACHDR1	25 01 00	ORIG ACH DR VIA DIRECT SEND	0.025	1	\$	0.03	\$	0.03	\$	0.01
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	2	\$	0.05	\$	0.05	\$	-
DDACHRPT	25 04 01	CARNOCR TN RPT VIA E-MAIL	4	3	\$	12.00	\$	12.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBASB	01 00 99	ZBA SUBSIDIARY ACCOUNTS	4	1	\$	4.00	\$	4.00	\$	-
DDADPKCP	10 02 00	DEPOSITS KEY CAPTURE TICKET	0.08	326	\$	26.08	\$	26.08	\$	-
DDAITEAG	10 02 1B	ELECTRONIC ITEM CLEARING FEE	0.07	427	\$	29.89	\$	29.89	\$	-
DDAKCSCN	10 02 1B	RDC SCANNED ITEM	0.01	427	\$	4.27	\$	4.27	\$	-
DDAKCMTH	10 99 99	RDC MONTHLY FEE	28	59	\$	1,652.00	\$	1,652.00	\$	-
DDAKCRPT	10 99 99	RDC REPORTING MODULE	0	1	\$	-	\$	-	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAPAPER	01 03 00	DDA PAPER STATEMENT	6	1	\$	6.00	\$	6.00	\$	-
DDACHCR2	25 02 01	INCOMING ACH CREDIT ITEM	0.025	1	\$	0.03	\$	0.03	\$	0.01
DDACHRAD	25 02 20	ACH RECEIVED ADDENDA	0.025	1	\$	0.03	\$	0.03	\$	0.01
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAOLITN	35 01 23	KEYNAV INTERNAL NONREPEAT	3.5	1	\$	3.50	\$	3.50	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAPAPER	01 03 00	DDA PAPER STATEMENT	6	1	\$	6.00	\$	6.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-
DDAOLITR	35 01 20	KEYNAV INTERNAL REPEAT	3.5	9	\$	31.50	\$	31.50	\$	-
RPMDAYPL	00 00 06	# POSITIVE DAYS	0	30	\$	-	\$	-	\$	-
DDAFDICB	00 02 30	DEPOSIT ASSESSMENT	0	0	\$	-	\$	-	\$	-
DDAMAIN	01 00 00	MAINTENANCE	10	1	\$	10.00	\$	10.00	\$	-
DDAZBALD	01 00 99	ZBA CONCENTRATION ACCOUNT	10	1	\$	10.00	\$	10.00	\$	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH	3	1	\$	3.00	\$	3.00	\$	-

\$.31 rounding diff added to the calculated total
 \$45 incorr chrg - will be credited on the May
 statement, also added to the calculated total
 \$45 incorr chrg from March is credited on this
 statement. Subtracted from the calculated total.

\$ 148,820.62 \$ 148,775.31 \$ 45.31

Service Fee Total \$ 148,775.62
 Earnings Credit Allowance \$ 24,283.42
 Total \$ 124,492.20



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:

Robert Sprague, Chairman
Treasurer of State
Dave Yost
Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent KeyBank trust banking fees for April 2019, are \$8,769.10.

Robert Sprague

CHAIRMAN

Stacy Cumberlander

SECRETARY

June 4, 2019

DATE



Revenue Administration
 OH-01-49-0353
 4900 Tiedeman Road
 Brooklyn, OH 44144

Fee Invoice
 STATE OF OH-REGULAR INVE 0900160
 Services Provided for the Period: 03/31/2019 - 04/30/2019

TREASURER OF STATE
 ATN: FISCAL OFFICE
 30 EAST BROAD ST 10TH FLOOR
 COLUMBUS OH 43215-3414

STATE OF OH-REGULAR INVE AGENT FOR

Invoice Reference No: 0001N38YV000

Billing Account Number: 0900160

Invoice Date: 05/03/2019

Payment Due Date: 06/02/2019

Invoice for Services and Expenses

Amount Due	Service Charges		Expense		Total
	Service Charges	Disbursements	Refunds		
Outstanding Balance from Prior Invoice	8,970.69	0.00	0.00	8,982.69	
Current Fees for Services and Expenses	8,773.10	0.00	4.00	8,769.10	
Less Fee Collections	16,845.47	0.00	0.00	16,845.47	
Please Pay this Amount	16,837.44	0.00	4.00	16,833.44	

How to Contact Us:

Relationship Manager
 THOR G HARALDSSON
 2:6-689-3675
 2:6-370-4071
 THOR_G_HARALDSSON@KEYBANK.COM

Make check payable to:
 KeyBank
 Revenue Administration
 PO Box 74543
 Cleveland, Ohio 44194-4543

Please include account number and invoice reference number on your check

Invoice
 Return to KeyBank

001-05032C19-000064

THOR
6/19/19





Revenue Administration
 OH-01-49-0353
 4900 Tiedeman Road
 Brooklyn, OH 44144

Fee Invoice
 STATE OF OH-REGULAR INVE 0900160
 Services Provided for the Period: 03/31/2019 - 04/30/2019

TREASURER OF STATE
 ATN: FISCAL OFFICE
 30 EAST BROAD ST 10TH FLOOR
 COLUMBUS OH 43215-3414

STATE OF OH-REGULAR INVE AGENT FOR

Invoice Reference No: 0001N38YY000

Billing Account Number: 0900160

Invoice Date: 05/03/2019

Payment Due Date: 06/02/2019

Services for the Following Accounts/Portfolios

Portfolio Number	Name of Portfolio	Market Value for Fee Purposes
0900160.1	STATE OF OH-REGULAR INVEST-REG PRI USD	4,692,244,250
0900160.2	STATE OF OH-REGULAR INVEST-CORP PRI USD	937,498,212
0900160.4	STATE OF OH-REGULAR CORE PRI USD	2,135,994,876
0900160.5	STATE OF OH-REGULAR INVT-TRES PRI USD	1,728,954,150
0900160.8	STATE OF OH-STRUCTURED INVT MISC PRI USD	298,289,937
0900160.B	STATE OF OH-OIL-C MEGA MILLIONS PRI USD	102,095,259
Total Market Value for Fee Purposes		9,955,076,686

Invoice for Services and Expenses

Amount Due	Service Charges	Expense Disbursements	Fee Refunds	Total
Outstanding Balance from Prior Invoice	24,909.81	0.00	0.00	24,909.81
Current Fees for Services and Expenses	8,773.10	0.00	4.00	8,769.10
Less Fee Collections	16,845.47	0.00	0.00	16,845.47
Please Pay this Amount	16,837.44	0.00	4.00	16,833.44

How to Contact Us:

Relationship Manager
 THOR G HARALDSSON
 216-689-3675
 216-370-4071
 THOR_G_HARALDSSON@KEYBANK.COM

Make check payable to:
 KeyBank
 Revenue Administration
 PO Box 74543
 Cleveland Ohio 44194-4543

Please include account number and invoice reference number on your check

Invoice
 Client Copy

001-05032019-000084





Fee Invoice
 STATE OF OH-REGULAR INVE 0900160
 Services Provided for the Period: 03/31/2019 - 04/30/2019

Invoice for Service and Expenses

Invoice Reference No: 0001N38YY000 Billing Account Number: 0900160 Invoice Date: 05/03/2019 Payment Due Date: 06/02/2019

Summary of Current Charges and Expenses

Base Currency: USD

Summary by Type

Fee Type Description	Quantity	Service Charges	Expense Disbursements	Total
Account Maintenance	9,955,076,666	7,861.10	0.00	7,861.10
Depository Eligible Trades - \$4	760	640.00	0.00	640.00
Depository Ineligible Trades - \$12	21	252.00	0.00	252.00
Total Current Charges and Expenses		8,773.10	0.00	8,773.10





Fee Invoice
 STATE OF OH-REGULAR INVE 0900160
 Services Provided for the Period: 03/31/2019 - 04/30/2019

Invoice for Service and Expenses

Invoice Reference No: 0001N38YV000

Billing Account Number: 0900160

Invoice Date: 05/03/2019

Payment Due Date: 06/02/2019

Summary of Current Charges and Expenses

Base Currency: USD

Summary by Account/Portfolio Detail

Portfolio Number	Name of Portfolio	Service Charges	Expense Disbursements	Total
0900160.1	STATE OF OH-REGULAR INVEST-REG PRI USD	4,402.70	0.00	4,402.70
0900160.2	STATE OF OH-REGULAR INVEST CORP PRI USD	853.69	0.00	853.69
0900160.4	STATE OF OH-REGULAR CORE PRI USD	1,798.99	0.00	1,798.99
0900160.5	STATE OF OH-REGULAR INVT-TRES PRI USD	1,392.75	0.00	1,392.75
0900160.6	STATE OF OH-STRUCTURED INVT MISC PRI USD	244.15	0.00	244.15
0900160.8	STATE OF OH-OLC MEGA MILLIONS PRI USD	80.82	0.00	80.82
Total Current Charges and Expenses		8,773.10	0.00	8,773.10



Fee Invoice
 STATE OF OH-REGULAR INVE 0900160
 Services Provided for the Period: 03/31/2019 - 04/30/2019

Invoice for Service and Expenses

Invoice Reference No: 0001N38Y000 Billing Account Number: 0900160 Invoice Date: 05/03/2019 Payment Due Date: 06/02/2019

Summary of Current Charges and Expenses

Base Currency: USD

Account Maintenance

Allocation of Fee to Portfolios

Portfolio Number	Name of Portfolio	Quantity	Percent of Total	Fee for the Period
0900160.1	STATE OF OH-REGULAR INVEST-REG PRI USD	4,692,244.250	47.13%	3,714.70
0900160.2	STATE OF OH-REGULAR INVEST CORP PRI USD	997,496.212	10.02%	789.69
0900160.4	STATE OF OH-REGULAR CORE PRI USD	2,135,994.876	21.46%	1,690.99
0900160.5	STATE OF OH-REGULAR INVT-TRES PRI USD	1,728,954.150	17.37%	1,368.75
0900160.6	STATE OF OH-STRUCTURED INVT MISC PRI USD	298,289.937	3.00%	236.15
0900160.8	STATE OF OH-OLC MEGA MILLIONS PRI USD	102,095.259	1.03%	90.82
Total Fee for the Period				9,955,076.686

Fee Calculations

Fee Period: 03/31/2019 to 04/30/2019

Rate	Charge Breakpoint	Quantity	Estimated Annual Fee
0.0000095	1,000	1,000	0.01
0.0000095	0	9,955,075.686	94,573.22
Total		1,000	94,573.23
Total Fee for the Period			
			7,881.10

Depository Eligible Trades - \$4

Allocation of Fee to Portfolios

Portfolio Number	Name of Portfolio	Quantity	Percent of Total	Fee for the Period
0900160.1	STATE OF OH-REGULAR INVEST-REG PRI USD	109	69.13%	436.00
0900160.2	STATE OF OH-REGULAR INVEST CORP PRI USD	16	10.00%	64.00
0900160.4	STATE OF OH-REGULAR CORE PRI USD	27	16.88%	106.00
0900160.5	STATE OF OH-REGULAR INVT-TRES PRI USD	6	3.75%	24.00
0900160.6	STATE OF OH-STRUCTURED INVT MISC PRI USD	2	1.25%	8.00
Total Fee for the Period				640.00

Fee Calculations

Fee Period: 03/31/2019 to 04/30/2019

Rate	Charge Breakpoint	Quantity	Estimated Annual Fee
4	0	160	640.00
Total		160	640.00
Total Fee for the Period			
			640.00





Fee Invoice
 STATE OF OH-REGULAR INVE 0900160
 Services Provided for the Period: 03/31/2019 - 04/30/2019

Invoice Reference No: 0001N38YV000

Billing Account Number: 0900160

Invoice Date: 05/03/2019

Payment Due Date: 06/02/2019

Summary of Current Charges and Expenses

Base Currency: USD

Depository Ineligible Trades - \$12

Allocation of Fee to Portfolios

Portfolio Number	Name of Portfolio	Quantity	Percent of Total	Fee for the Period
0900160.1	STATE OF OH-REGULAR INVEST-REG PR-USD	21	100.00%	252.00
Total Fee for the Period				252.00

Total Current Charges and Expenses

8,769.10

Invoice Total

16,833.44

Fee Calculations

Fee Period:

03/31/2019 to 04/30/2019

Rate	Charge Breakpoint	Quantity	Estimated Annual Fee
12	0	21	252.00
Total			252.00
Total Fee for the Period			252.00



STATE BOARD OF DEPOSIT

STATE OF OHIO

Members:
Robert Sprague, Chairman
Treasurer of State
Dave Yost
Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent KeyBank banking fees [Warrant Settlement] for the month of April 2019, are \$17,396.71.

Robert Sprague

CHAIRMAN

Stacy Cumberland

SECRETARY

May 29, 2019

DATE

TREASURER OF STATE - OHIO
 FBO KEY BANK WARRANT SETTLEMENT
 30 E BROAD STREET
 COLUMBUS OH 43215-3414

DATE: MAY 10, 2019
 OFFICER: OFFICER LXM3B
 ANALYSIS PERIOD: APRIL 2019
 KEY ACCOUNT: 149681006396

ACCOUNT ANALYSIS INVOICE

INVOICE NUMBER	INVOICE DATE	PAYMENT	PAYMENT DATE	ADJUSTMENTS	OUTSTANDING INVOICE BALANCE
19010000892	02-11-19	4,530.81	05-10-19		.00
19020001364	03-11-19				8,716.87
19030001210	04-11-19				12,748.48
19040000906	05-11-19				17,396.71
TOTAL OUTSTANDING INVOICE BALANCES:					43,392.87
LESS TOTAL PAYMENTS RECEIVED:					4,530.81
TOTAL AMOUNT DUE:					38,862.06

** PLEASE MAKE TIMELY PAYMENTS ON YOUR ANALYSIS INVOICE. INVOICES WHICH ARE 90 **
 ** DAYS PAST DUE WILL BE DIRECT DEBITED FROM YOUR DDA ACCOUNT AND WILL INCUR A \$30 **
 ** PAST DUE SURCHARGE. PLEASE CONTACT OUR COMMERCIAL CLIENT SERVICE CENTER, YOUR **
 ** CASH MANAGEMENT SALES OFFICER, OR RELATIONSHIP MANAGER WITH ANY QUESTIONS. **

PAST DUE AGING:

31 DAYS AND OVER \$8,716.87

TREASURER OF STATE - OHIO	TOTAL AMOUNT DUE	38,862.06
ACCOUNT NUMBER: 149681006396	AMOUNT ENCLOSED:	_____
MAIL PAYMENT TO:	APPLY TO THE FOLLOWING INVOICES:	
KEYBANK NATIONAL ASSOCIATION	INVOICE NBR	INVOICE AMT
ATTN: DEPARTMENT AA 0101	19020001364	8,716.87
P O BOX 901626	19030001210	12,748.48
CLEVELAND, OHIO 44190-1626	19040000906	17,396.71

RETURN THIS PORTION WITH YOUR REMITTANCE



KeyBank National Association
 Account Analysis, OH-01-51-2005
 4910 Tiedeman Road
 Brooklyn, OH 44144-2338

Account Analysis Statement April 2019

*TREASURER OF STATE OF OHIO
 30 EAST BROAD STREET 10TH FLOOR
 ATTN: ACCOUNTING/RECONCILIATION
 COLUMBUS OH 43215-3414

Relationship Overview : *TREASURER OF STATE OF OHIO

Balance Summary	
Average Ledger Balance	(\$1,281,374.35)
LESS: Average Float	(\$0.00)
Average Collected Balance	(\$1,281,374.35)
Average Negative Collected Balance	(\$1,290,143.65)
Average Positive Collected Balance	\$8,769.29
Balance Available to Support Services	\$8,769.29
LESS: Balance Needed To Support Services	(\$8,214,622.85)
Balance Deficiency/Surplus for Eligible Services	(\$8,205,853.56)

Billing Information	
Settlement Cycle	Monthly
Payment Method	Invoice
Billing Account	XXXXXXXXX6396
Days in the Month	30

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$17,415.30
LESS: Earnings Credit Allowance	(\$18.59)
Service Charges Due	\$17,396.71

Handwritten signature: JR 5/23/19

An invoice will be distributed on approximately the 15th business day of the month.

Trend Analysis ^								
Months	Average Ledger Balance	Average Collected Balance	Balance Available to Support Services	Balance Needed to Support Services	Service Charges Eligible for Earnings Credit	Earnings Credit Allowance	Direct Service Charges	Service Charges Due
APR	(\$1,281,374)	(\$1,281,374)	\$8,769	\$8,214,623	\$17,415	\$19	\$0	\$17,397
MAR	\$2,565	\$2,565	\$2,565	\$5,770,993	\$12,754	\$6	\$0	\$12,748
FEB	\$2,563	\$2,563	\$2,563	\$4,317,756	\$8,722	\$5	\$0	\$8,717
JAN	\$2,846	\$2,846	\$2,846	\$1,947,376	\$4,537	\$7	\$0	\$4,531
YTD	(\$318,350)	(\$318,350)	\$4,186	\$5,062,687	\$43,429	\$36	\$0	\$43,393

^ All numbers in this section are rounded to the nearest whole dollar

Please contact your Account Officer or the Commercial Business Banking Center at 1-800-821-2829 with questions.

Account Officer: Lara Deleone
 Center: 3080035 SO



Account Analysis Statement

April 2019

Relationship Summary

Relationship Overview : *TREASURER OF STATE OF OHIO

Accounts in Relationship: 1

Accounts Analyzed ^							
Account Number	Account Name	Earnings Credit Rate	Balance Needed to Support Services	Balance Available to Support Services	Service Charges Eligible for Earnings Credit	Direct Service Charges	Earnings Credit Allowance
149681006396	*TREASURER OF STATE - OHIO	2.58%	\$8,214,623	\$8,769	\$17,415	\$0	\$19
Total			\$8,214,623	\$8,769	\$17,415	\$0	\$19

^ All numbers in this section are rounded to the nearest whole dollar

* Notes the billing account for the relationship

Service Activity Summary			Total Service Charges
Service Codes	Services		
AFP00	Balance & Compensation Information		\$0.00
AFP01	General Account Services		\$0.00
AFP25	General ACH Services		\$0.00
AFP99	Undefined Services		\$17,415.30
Total			\$17,415.30

Service Activity Details					
Service Codes	Services	Quantity	Unit Price	Total Service Charges	Balance Needed To Support Services
00	Balance & Compensation Information				
00 02 30	Deposit Assessment			\$0.00	\$0.00
	AFP00 TOTAL			\$0.00	\$0.00
01	General Account Services				
01 00 00	Maintenance	1	\$0.00	\$0.00	\$0.00
01 04 40	Electronic Analysis Statement	1	\$0.00	\$0.00	\$0.00
	AFP01 TOTAL			\$0.00	\$0.00
25	General ACH Services				
25 10 52	EPA Admin Fee/Month	1	\$0.00	\$0.00	\$0.00
	AFP25 TOTAL			\$0.00	\$0.00
99	Undefined Services				
99 99 99	Warrant Images Delivered	497,580	\$0.035	\$17,415.30	\$8,214,622.85
	AFP99 TOTAL			\$17,415.30	\$8,214,622.85
Total				\$17,415.30	\$8,214,622.85



Account Analysis Statement

April 2019

Account Detail

Account Name: TREASURER OF STATE - OHIO , FBO KEY BANK WARRANT SETTLEMENT

AA

Account Number: 149681006396

Balance Summary	
Average Ledger Balance	(\$1,281,374.35)
LESS: Average Float	(\$0.00)
Average Collected Balance	(\$1,281,374.35)
Average Negative Collected Balance	(\$1,290,143.65)
Average Positive Collected Balance	\$8,769.29
Balance Available to Support Services	\$8,769.29

Rate and Other Information	
Earnings Credit Rate	2.58%
Service Charge Multiplier	\$471.69
Uncollected Funds Rate	0.00%

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$17,415.30
Earnings Credit Allowance	(\$18.59)
Service Charges Due	\$17,396.71

Service Activity Details					
Service Codes	Services	Quantity	Unit Price	Total Service Charges	Balance Needed To Support Services
00	Balance & Compensation Information				
00 02 30	Deposit Assessment			\$0.00	\$0.00
	AFP00 TOTAL			\$0.00	\$0.00
01	General Account Services				
01 00 00	Maintenance	1	\$0.00	\$0.00	\$0.00
01 04 40	Electronic Analysis Statement	1	\$0.00	\$0.00	\$0.00
	AFP01 TOTAL			\$0.00	\$0.00
25	General ACH Services				
25 10 52	EPA Admin Fee/Month	1	\$0.00	\$0.00	\$0.00
	AFP25 TOTAL			\$0.00	\$0.00
99	Undefined Services				
99 99 99	Warrant Images Delivered	497,580	\$0.035	\$17,415.30	\$8,214,622.85
	AFP99 TOTAL			\$17,415.30	\$8,214,622.85
	Total			\$17,415.30	\$8,214,622.85

Key Bank Account Analysis Verification -April 2019

Date	Key Bank File	Daily Reports	Difference
4/1/19	25,046	25,046	-
4/2/19	25,017	25,017	-
4/3/19	17,356	17,356	-
4/4/19	14,031	14,031	-
4/5/19	17,202	17,202	-
4/8/19	30,692	30,692	-
4/9/19	27,166	27,166	-
4/10/19	17,540	17,540	-
4/11/19	13,466	13,466	-
4/12/19	16,381	16,381	-
4/15/19	30,360	30,360	-
4/16/19	27,924	27,924	-
4/17/19	17,776	17,776	-
4/18/19	13,133	13,133	-
4/19/19	1,336	1,336	-
4/22/19	43,427	43,427	-
4/23/19	27,592	27,592	-
4/24/19	21,879	21,879	-
4/25/19	16,694	16,694	-
4/26/19	17,277	17,277	-
4/29/19	39,489	39,489	-
4/30/19	36,796	36,796	-
	497,580	497,580	-

Verified by:

Jennifer Biedenbarn

Board of Deposit
KeyBank State Regular Account 6396 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
DDAWARIM	99 99 99	WARRANT IMAGES DELIVERED	\$ 0.035	497,580	\$ 17,415.30	\$ 17,415.30	\$ -	Amounts taken from KTT analysis statement-not generated from 822 file. Fees verified with the BSA fee schedule. Quantity verified with Acctg Dept analysis.
Total					\$ 17,415.30	\$ 17,415.30	\$ -	

Service Fee Total	\$ 17,415.30
Earnings Credit Allowance	\$ 18.59
Total	\$ 17,396.71



STATE BOARD OF DEPOSIT

STATE OF OHIO

Members:
Robert Sprague, Chairman
Treasurer of State
Dave Yost
Attorney General
Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent PNC banking fees [Dept. of Natural Resources – Mine Subsidence] for the month of April 2019, are \$800.90.

Robert Sprague

CHAIRMAN

Stacey Cumberland

SECRETARY

May 29, 2019

DATE

PNC BANK, N.A.
 P.O. BOX 821523
 PHILADELPHIA, PA 19182-1523



Invoice Date	5-10-19
Invoice Number	0419719012
Customer Number	0001629970
Cost Center	070-0005063
New Balance	2,154.46

STATE OF OHIO
 ODNR MINE SUBSTANCE INS FUND
 ATTN TREASURY SERVICES
 30 E BROAD ST FL 10
 COLUMBUS OH 43215

ACCOUNT ANALYSIS SERVICE CHARGE

DATE	DESCRIPTION	AMOUNT
05-10-19	PREVIOUS BALANCE	1,353.56
05-10-19	CHARGE FOR SERVICES	800.90
PAY THIS AMOUNT		2,154.46

Payment is due upon receipt of this invoice

You may pay this amount electronically via the ACH by sending your payment including both invoice number and customer number to Account Number 9087878 at PNC Bank, N.A. transit routing number of 043000096.

↓ *Please Return the Portion Below With Your Payment* ↓

Remittance Instructions:

1. Please return this portion of the invoice with your remittance.
2. REMIT TO:

PNC BANK, N.A.
 P.O. BOX 821523
 PHILADELPHIA, PA 19182-1523



Invoice Date	5-10-19
Invoice Number	0419719012
Customer Number	0001629970
Cost Center	070-0005063
New Balance	2,154.46

ACCOUNT ANALYSIS SERVICE CHARGE

DATE	DESCRIPTION	AMOUNT
05-10-19	PREVIOUS BALANCE	1,353.56
05-10-19	CHARGE FOR SERVICES	800.90
PAY THIS AMOUNT		2,154.46



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Page 1 of 6

ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN TREASURY SERVICES 30 E BROAD ST FL 10 COLUMBUS OH 43215	ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 483-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518	04/01/2019 to 04/30/2019
		STATEMENT DATE
		MAY 10, 2019

ACCOUNTS INCLUDED IN THIS ANALYSIS

BANK NUMBER	ACCOUNT NUMBER	ACCOUNT NAME	ACCOUNT TITLE
070	4006903911	STATE OF OHIO ODNR MINE	MINE SUBSIDENCE INSURANCE FUND

PLEASE REVIEW YOUR ANALYSIS PROMPTLY. WE WILL GLADLY CORRECT ERRORS WITHIN 30 DAYS OF THE STATEMENT DATE. AFTER 30 DAYS, THE ANALYSIS IS DEEMED TO BE ACCURATE AND ADJUSTMENTS WILL NO LONGER BE PROCESSED.

GO PAPERLESS. SIGN-UP TODAY FOR FREE ONLINE CORPORATE ACCOUNT ANALYSIS STATEMENTS THAT YOU CAN ACCESS VIA PINACLE. ONLINE STATEMENTS CAN BE VIEWED SEVERAL DAYS EARLIER THAN IF THEY ARE SENT BY MAIL - WHICH IS GOOD NEWS FOR YOU AND THE ENVIRONMENT. ENROLL TODAY. FOR MORE INFORMATION, CALL TREASURY MANAGEMENT CLIENT CARE AT 1-800-669-1518 OR CONTACT YOUR TREASURY MANAGEMENT OFFICER OR SALES ASSOCIATE.



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ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN TREASURY SERVICES 30 E BROAD ST FL 10 COLUMBUS OH 43215	ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	04/01/2019 to 04/30/2019
		STATEMENT DATE
		MAY 10, 2019

CURRENT MONTHLY BALANCE & COMPENSATION			
AVERAGE LEDGER BALANCE	38,886.38	EARNINGS ALLOWANCE (1.000 %)	31.09
LESS: DEPOSIT FLOAT	1,057.77	TOTAL ANALYZED CHARGES	781.99
AVERAGE COLLECTED BALANCE	37,828.61	EXCESS/(DEFICIT) FEES	750.90-
LESS: RESERVES(0.00 %)	0.00	TOTAL FEE BASED CHARGES	50.00
INVESTABLE BALANCE	37,828.61	TOTAL AMOUNT DUE	800.90
COLLECTED BALANCE REQUIRED	951,423.77	(INVOICE)	<i>JL</i> <i>5/23/19</i>
EXCESS/(DEFICIT) BALANCE	913,595.16-		

EARNINGS CREDIT RATE IS TIERED. THE HIGHEST TIER EARNINGS CREDIT RATE FOR NEXT MONTH IS: 1.000000 %

\$1216.67 IN COLLECTED BALANCE WILL PAY FOR \$1.00 IN SERVICES, BASED UPON THIS MONTH'S TIERED EARNINGS CREDIT RATE

PAYMENT FOR THE ABOVE NOTED DEFICIENCY AMOUNT IS EXPECTED PROMPTLY UPON RECEIPT OF THE INVOICE.

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
DEMAND DEPOSIT RELATED SERVICES					
ACCOUNT MAINTENANCE	01 00 00	1	5.0000	5.00	6,083.35
				\$5.00	\$6,083.35
REMOTE DEPOSIT RELATED SERVICES					
REMOTE DEPOSIT CAPTURE-TICKETS	01 02 00	2	0.5000	1.00	1,216.67
REMOTE DEPOSIT CHECK IMAGES	10 02 18	38	0.0300	1.14	1,387.00
				\$2.14	\$2,603.67
BALANCE RELATED FEES					
OVERDRAFT HANDLING	15 03 40	1	50.0000	50.00	FEE BASED
				\$50.00	\$0.00
AUTOMATED CLEARINGHOUSE SERVICES					
ADDENDA ORIGINATED/RECEIVED	25 01 20	5	0.0100	0.05	60.83
CREDITS RECEIVED	25 02 01	3	0.0500	0.15	182.50
ACH DEBIT/CREDIT BLOCK	25 10 52	1	5.0000	5.00	6,083.35
				\$5.20	\$6,326.68
FUNDS TRANSFER SERVICES					
FILE INITIATED DOMESTIC TRANSFER	35 01 09	5	7.2500	36.25	44,104.29
INCOMING WIRE TRANSFER	35 03 00	1	3.0000	3.00	3,650.01
				\$39.25	\$47,754.30
INFORMATION SERVICES					
PREVIOUS DAY ACCOUNT	40 02 22	26	2.5000	65.00	79,083.55



ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN TREASURY SERVICES 30 E BROAD ST FL 10 COLUMBUS OH 43215	ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	04/01/2019 to 04/30/2019
		STATEMENT DATE
		MAY 10, 2019

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
PINACLE TRANSMISSION MONTHLY FEE	40 01 10	1	100.0000	100.00	121,667.00
PREV DAY DETAIL BAI-2 YEAR STORAGE	40 99 99	3,176	0.0500	158.80	193,207.20
PINACLE MODULE FEES	40 99 99	1	10.0000	10.00	12,166.70
				<u>\$333.80</u>	<u>\$406,124.45</u>
ELECTRONIC DATA INTERCHANGE					
ORIG DATA TRANSMISSION	30 01 02	22	15.0000	330.00	401,501.10
WIRE ORIGINATED PAYMENTS	30 01 12	55	0.1200	6.60	8,030.02
EDI DISBURSEMENT MONTHLY MAINT	30 00 20	1	60.0000	60.00	73,000.20
				<u>\$396.60</u>	<u>\$482,531.32</u>
TOTAL ANALYZED CHARGES :				<u>\$781.99</u>	<u>\$951,423.77</u>
TOTAL FEE BASED CHARGES :				\$50.00	FEE BASED
TOTAL CHARGES THIS CYCLE :				<u>\$831.99</u>	<u>\$951,423.77</u>



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ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE MINE SUBSIDENCE INSURANCE FUND C/O THE TREASURER OF STATE RECONCILIATION DEPT 30 E BROAD ST FL 10 COLUMBUS OH 43215-3414	ACCOUNT 4006903911 TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	04/01/2019 to 04/30/2019
		STATEMENT DATE
		MAY 10, 2019

CURRENT MONTHLY BALANCE & COMPENSATION			
AVERAGE LEDGER BALANCE	38,886.38	EARNINGS ALLOWANCE (1.000 %)	31.09
LESS: DEPOSIT FLOAT	1,057.76	TOTAL ANALYZED CHARGES	781.99
AVERAGE COLLECTED BALANCE	37,828.62	EXCESS/(DEFICIT) FEES	750.90-
LESS: RESERVES(0.00 %)	0.00	TOTAL FEE BASED CHARGES	50.00
INVESTABLE BALANCE	37,828.61	(TRANSFERRED TO: 0001629970)	
COLLECTED BALANCE REQUIRED	951,423.77		
EXCESS/(DEFICIT) BALANCE	913,595.15-		

EARNINGS CREDIT RATE IS TIERED. THE HIGHEST TIER EARNINGS CREDIT RATE FOR NEXT MONTH IS: 1.000000 %

\$1216.67 IN COLLECTED BALANCE WILL PAY FOR \$1.00 IN SERVICES, BASED UPON THIS MONTH'S TIERED EARNINGS CREDIT RATE.

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
DEMAND DEPOSIT RELATED SERVICES					
ACCOUNT MAINTENANCE	01 00 00	1	5.0000	5.00	6,083.35
				<u>\$5.00</u>	<u>\$6,083.35</u>
REMOTE DEPOSIT RELATED SERVICES					
REMOTE DEPOSIT CAPTURE-TICKETS	01 02 00	2	0.5000	1.00	1,216.67
REMOTE DEPOSIT CHECK IMAGES	10 02 18	36	0.0300	1.14	1,387.00
				<u>\$2.14</u>	<u>\$2,603.67</u>
BALANCE RELATED FEES					
OVERDRAFT HANDLING	15 03 40	1	50.0000	50.00	FEE BASED
				<u>\$50.00</u>	<u>\$0.00</u>
AUTOMATED CLEARINGHOUSE SERVICES					
ADDENDA ORIGINATED/RECEIVED	25 01 20	5	0.0100	0.05	60.83
CREDITS RECEIVED	25 02 01	3	0.0500	0.15	182.50
ACH DEBIT/CREDIT BLOCK	25 10 52	1	5.0000	5.00	6,083.35
				<u>\$5.20</u>	<u>\$6,326.68</u>
FUNDS TRANSFER SERVICES					
FILE INITIATED DOMESTIC TRANSFER	35 01 09	5	7.2500	36.25	44,104.29
INCOMING WIRE TRANSFER	35 03 00	1	3.0000	3.00	3,650.01
				<u>\$39.25</u>	<u>\$47,754.30</u>
INFORMATION SERVICES					
PREVIOUS DAY ACCOUNT	40 02 22	26	2.5000	65.00	79,083.55
PINACLE TRANSMISSION MONTHLY FEE	40 01 10	1	100.0000	100.00	121,667.00
PREV DAY DETAIL BAI-2 YEAR STORAGE	40 99 99	3,176	0.0500	158.80	193,207.20



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ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE MINE SUBSIDENCE INSURANCE FUND C/O THE TREASURER OF STATE RECONCILIATION DEPT 30 E BROAD ST FL 10 COLUMBUS OH 43215-3414	ACCOUNT 4006803911 TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	04/01/2019 to 04/30/2019
		STATEMENT DATE
		MAY 10, 2019

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
PINACLE MODULE FEES	40 99 99	1	10.0000	10.00	12,166.70
				\$333.80	\$406,124.45
ELECTRONIC DATA INTERCHANGE					
ORIG DATA TRANSMISSION	30 01 02	22	15.0000	330.00	401,501.10
WIRE ORIGINATED PAYMENTS	30 01 12	55	0.1200	6.60	8,030.02
EDI DISBURSEMENT MONTHLY MAINT	30 00 20	1	60.0000	60.00	73,000.20
				\$396.60	\$482,531.32
TOTAL ANALYZED CHARGES :				\$781.99	\$951,423.77
TOTAL FEE BASED CHARGES :				\$50.00	FEE BASED
TOTAL CHARGES THIS CYCLE :				\$831.99	\$951,423.77



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ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN TREASURY SERVICES 30 E BROAD ST FL 10 COLUMBUS OH 43215	ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	04/01/2019 to 04/30/2019
		STATEMENT DATE
		MAY 10, 2019

YEAR-TO-DATE RELATIONSHIP SUMMARY

MONTH	ADJUSTED AVERAGE LEDGER BALANCE	ADJUSTED COLLECTED BALANCE	EARNINGS CREDIT RATE	TOTAL ACTIVITY CHARGES	COLLECTED BALANCE REQUIRED	EXCESS/(DEFICIT) BALANCE	EXCESS/(DEFICIT) FEE EQUIVALENT
JANUARY	53,702.55	53,702.55	1.000000	815.64	960,350.85	906,648.30-	770.03-
FEBRUARY	91,678.90	87,353.83	1.000000	730.31	952,010.21	864,656.38-	663.30-
MARCH	88,317.95	87,094.08	1.000000	764.23	899,819.69	812,725.61-	690.26-
QTR TOTAL	77,899.80	76,050.15		2,310.18	937,393.58	861,343.43-	2,123.59-
APRIL	38,886.38	37,828.61	1.000000	781.99	951,423.77	913,595.16-	750.90-
QTR TOTAL	38,886.38	37,828.61		781.99	951,423.77	913,595.16-	750.90-
YTD TOTAL	68,146.45	66,494.77	1.000000	3,092.17	940,901.13	874,406.36-	2,874.49-

Board of Deposit
PNC Mine Subsidence Insurance Fund 3911 - April 2019

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
	5 01 00 00	ACCOUNTMAINTENANCE	5	1	\$ 5.00	\$ 5.00	\$ -	
	9 01 02 00	REMOTE DEPOSIT CAPTURE-TICKETS	0.5	2	\$ 1.00	\$ 1.00	\$ -	
	51 15 03 40	OVERDRAFT HANDLING	50	1	\$ 50.00	\$ 50.00	\$ -	
	67 10 99 99	REJECT-ALL OTHERS	0	1	\$ -	\$ -	\$ -	
	111 10 02 18	REMOTE DEPOSIT CHECK IMAGES	0.03	38	\$ 1.14	\$ 1.14	\$ -	
	679 25 01 20	ADDENDA ORIGINATED/RECEIVED	0.01	5	\$ 0.05	\$ 0.05	\$ -	
	702 25 02 01	CREDITS RECEIVED	0.05	3	\$ 0.15	\$ 0.15	\$ -	
	718 25 10 52	ACH DEBIT/CREDIT BLOCK	5	1	\$ 5.00	\$ 5.00	\$ -	
	800 40 02 22	PREVIOUS DAY ACCOUNT	2.5	26	\$ 65.00	\$ 65.00	\$ -	
	903 40 01 10	PINACLE TRANSMISSION MONTHLY FEE	100	1	\$ 100.00	\$ 100.00	\$ -	
	925 40 99 99	PREV DAY DETAIL BAI-2 YEAR STORA	0.05	3176	\$ 158.80	\$ 158.80	\$ -	
	970 30 01 02	ORIG DATA TRANSMISSION	15	22	\$ 330.00	\$ 330.00	\$ -	
	979 30 01 12	WIRE ORIGINATED PAYMENTS	0.12	55	\$ 6.60	\$ 6.60	\$ -	
	1176 00 03 71	CHARGE FOR INVOICE	0	1	\$ -	\$ -	\$ -	
	2330 30 00 20	EDI DISBURSEMENT MONTHLY MAINT	60	1	\$ 60.00	\$ 60.00	\$ -	
	2612 35 01 09	FILE INITIATED DOMESTIC TRANSFER	7.25	5	\$ 36.25	\$ 36.25	\$ -	
	2625 35 03 00	INCOMING WIRE TRANSFER	3	1	\$ 3.00	\$ 3.00	\$ -	
	4059 40 99 99	PINACLE EVENT NOTIFICATION MONTH	0	1	\$ -	\$ -	\$ -	
	5346 40 99 99	PINACLE MODULE FEES	10	1	\$ 10.00	\$ 10.00	\$ -	
		Total			\$ 831.99	\$ 831.99	\$ -	

Service Fee Total	\$ 831.99
Earnings Credit Allowance	\$ 31.09
Total	\$ 800.90



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:

Robert Sprague, Chairman
Treasurer of State

Dave Yost
Attorney General

Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent OAKS voucher processing fees / postage [invoice # 19W0172], are \$9.86.

Robert Sprague

CHAIRMAN

Stacey Cumberland

SECRETARY

May 29, 2019

DATE

Ohio Treasurer of State
Fiscal Services
Warrant Journal Report

Report Distribution
Provided to :

Produced : May 23, 2019 12:31:49 PM

Filters

Business Unit : BDP01

Vendor ID :

Date Range : Between Jan 1, 2019 and Mar 31, 2019

**State of Ohio - Dept of Admin Services
OAKS Warrant Intrastate Invoice**

Please Remit To:
Department of Administrative Services
L-3686
Columbus OH 43260-3686

Page: 1
Invoice No: 19W0172
Consolidated Invoice No:
Invoice Date: 04/15/2019
Customer Number: BDP01
Payment Terms: NET 30
Due Date: 05/15/2019

Bill To:
Board of Deposits
Board of Deposits
30 E Broad St 9th Floor
Columbus OH 43215

AMOUNT DUE: 9.86 USD

Make Checks Payable To: Ohio Treasurer of State

Billing Service Period: From To
For billing questions, please call 614-466-5027

To ensure proper payment processing, please be sure the invoice number is on all payments.

Line	Adj	Identifier	Description	Quantity	UOM	Unit Amt	Net Amount
Purchase Order			Contract Number	From Date	To Date		
1		REG_CKSTCK	Reg. Warrant -Check Stock Chrg	18.00	EA	0.0300	0.54
				01/01/19	03/31/19		
2		REG_ENVLOP	Reg. Warrant - Envelope Charge	18.00	EA	0.0200	0.36
				01/01/19	03/31/19		
3		REG_FULFILL	Reg. Warrant -Fulfillment Chrg	18.00	EA	0.0750	1.35
				01/01/19	03/31/19		
4		REG_POSTAGE	Reg. Warrant - Postage Fees	6.00	EA	0.3780	2.27
				01/01/19	03/31/19		
5		REG_POSTAGE	Reg. Warrant - Postage Fees	12.00	EA	0.3830	4.60
				01/01/19	03/31/19		
6		REG_PRESORT	Reg. Warrant - Presort Fees	18.00	EA	0.0240	0.43
				01/01/19	03/31/19		
7		REG_PRINT	Reg. Warrant - Print Charge	18.00	EA	0.0170	0.31
				01/01/19	03/31/19		

SUBTOTAL:

9.86

TOTAL AMOUNT DUE :

9.86

OAKS SUPPLIER ID: DAS01
SUPPLIER ADDRESS CODE: 28
ISTV XREF: DASB

State of Ohio - Dept of Admin Services
OAKS Warrant Intrastate Invoice

Please Remit To:
Department of Administrative Services
L-3686
Columbus OH 43260-3686

Page: 2
Invoice No: 19W0172
Consolidated Invoice No:
Invoice Date: 04/15/2019
Customer Number: BDP01
Payment Terms: NET 30
Due Date: 05/15/2019

Bill To:
Board of Deposits
Board of Deposits
30 E Broad St 9th Floor
Columbus OH 43215

AMOUNT DUE: 9.86 USD

Amount Remitted

Make Checks Payable To: Ohio Treasurer of State

Billing Service Period: From To

For billing questions, please call 614-466-5027

To ensure proper payment processing, please be sure the invoice number is on all payments.

Invoice Summary

SUBTOTAL of Invoice Details:

9.86

TOTAL AMOUNT DUE :

9.86

Warrant Journal Report

Payment Date: Between Jan 1, 2019 and Mar 31, 2019

Regular Mailed Payment - Giro - EFT

Vendor	Payment Date	Reference	Message	Invoice ID	Voucher ID	Voucher Gross Amount
DEPARTMENT OF ADMINISTRATIVE SERVICES	03/18/2019	0000530297	-	19W0086	00001665	8.17
						0000530297 Payment amount : \$8.17
TREASURER OF STATE	03/25/2019	0000530883	-	FY19_BDP_QTR2	00001674	50,700.00
						0000530883 Payment amount : \$50,700.00

2 Regular Mailed Payment - Giro - EFT payment(s) containing 2 voucher(s) with a total value of : \$50,708.17

Warrant Journal Report

Payment Date: Between Jan 1, 2019 and Mar 31, 2019

Regular Mailed Payment - System Check

Vendor	Payment Date	Reference	Message	Invoice ID	Voucher ID	Voucher Gross Amount	
HUNTINGTON NATIONAL BANK	01/23/2019	0038966678	Account: 01891935590	008900000000050182	00001661	269.25	
		0038966678	Account: 01892412957	008900000000050256	00001663	125.72	
		0038966678	Account: 01892413134	008900000000050258	00001662	143.25	
						0038966678 Payment amount: \$538.22	
JP MORGAN CHASE & CO	01/28/2019	0038977370	Account: 01892412957	008900000000050714	00001667	118.73	
		0038977370	Account: 01892413134	008900000000050716	00001668	135.69	
							0038977370 Payment amount: \$254.42
JP MORGAN CHASE & CO	03/18/2019	0039481624	Account: 01891935590	008900000000051026	00001675	261.55	
		0039481624	Account: 01892412957	008900000000051099	00001678	118.02	
		0039481624	Account: 01892413105	008900000000051100	00001676	140.00	
		0039481624	Account: 01892413134	008900000000051101	00001677	135.55	
						0039481624 Payment amount: \$655.12	
JP MORGAN CHASE & CO	01/23/2019	0038966727	Account: 001000000000704346915	0001000000001521752	00001664	423.88	
							0038966727 Payment amount: \$423.88
		0038977428	Account: 001000000000704346915	0001000000001523073	00001666	407.85	
						0038977428 Payment amount: \$407.85	
KEYBANK NATIONAL ASSOCIATION	03/18/2019	0039481676	Account: 001000000000704346915	0001000000001524408	00001679	400.26	
							0039481676 Payment amount: \$400.26
KEYBANK NATIONAL ASSOCIATION	01/23/2019	0038966744	Account: 0900160	0001EQUMT000	00001658	7.556.71	
							0038966744 Payment amount: \$7,556.71
		0038966745	Attn: Dept. AA 101 Account: 149681006396	18100000927	00001657	5,207.30	
						0038966745 Payment amount: \$5,207.30	
KEYBANK NATIONAL ASSOCIATION	01/23/2019	0038966746	Attn: Catherine Rope Account: 14511001050	18100000909	00001659	38,291.83	
		0038966746	Attn: Catherine Rope Account: 359681427431	18100001230	00001660	13.00	

Warrant Journal Report

Payment Date: Between Jan 1, 2019 and Mar 31, 2019

Regular Mailed Payment - System Check

Vendor	Payment Date	Reference	Message	Invoice ID	Voucher ID	Voucher Gross Amount	
KEYBANK NATIONAL ASSOCIATION	01/23/2019	0038966746			0038966746	Payment amount : \$38,304.83	
		00001671		0001HHSQLO00	00001671	7,751.66	
	01/28/2019	0038977447				0038977447	Payment amount : \$7,751.66
		00001672				00001672	5,344.09
	0038977448	Attn: Dept AA 101	Account: 149681006396		18110000917		
		0038977448				0038977448	Payment amount : \$5,344.09
	0038977450	Attn: Catherine Rope	Account: 14511001050		18110000891		
		00001670				00001670	37,234.81
	0038977450	Attn: Catherine Rope	Account: 359681427431		18110001220		
		00001669				00001669	13.00
0038977450	Payment amount : \$37,247.81						
	00001681				00001681	8,108.62	
0039481723	Payment amount : \$8,108.62						
	00001680				0039481723	Payment amount : \$8,108.62	
0039481724	Attn: Dept AA 101	Account: 149681006396		18120002488			
	00001682				00001682	4,059.70	
0039481725	Payment amount : \$4,059.70						
	00001683				0039481724	Payment amount : \$4,059.70	
0039481725	Attn: Catherine Rope	Account: 359681427431		18120002790			
	00001683				00001683	27,138.09	
0039481725	Payment amount : \$27,151.09						
	00001656				0039481725	Payment amount : \$27,151.09	
0038966923	Account: 0001629970			0918718006			
	00001655				00001655	887.21	
0038966923	Account: 0001629970			1018718171			
	00001655				00001655	744.62	
0038966923	Payment amount : \$1,631.83						
	00001673				0038966923	Payment amount : \$1,631.83	
0038977645	Account: 0001629970			1118718301			
	00001673				00001673	723.80	
0038977645	Payment amount : \$723.80						
	00001684				0038977645	Payment amount : \$723.80	
0039481941	Account: 0001629970			1218718431			
	00001684				00001684	771.67	
0039481941	Payment amount : \$771.67						
	00001684				0039481941	Payment amount : \$771.67	

18 Regular Mailed Payment - System Check payment(s) containing 28 voucher(s) with a total value of : \$146,538.86



STATE BOARD OF DEPOSIT STATE OF OHIO

Members:

Robert Sprague, Chairman
Treasurer of State

Dave Yost
Attorney General

Keith Faber
Auditor of State

CERTIFICATION OF THE EXPENSES OF THE STATE BOARD OF DEPOSIT

In accordance with Chapter 135.02 of the Ohio Revised Code, the undersigned, Chairman and Secretary of the State Board of Deposit of the State of Ohio, hereby certifies that the necessary expenses of the Board, which represent Treasurer of State Interactive Voice Recognition Project fees for January 2019 – March 2019, are \$50,100.00.

Robert Sprague

CHAIRMAN

Stacy Cumberland

SECRETARY

May 29, 2019

DATE

Interactive Voice Recognition Project
 3rd Quarter (January 2019 through March 2019)
 Fiscal Year 2019
 Invoice Number: FY19_BDP_QTR3

Personal Services		Amount
	January 2019	
	IT Services - FTE	9,000.00
	Revenue Management - FTE	7,500.00
	February 2019	
	IT Services - FTE	9,000.00
	Revenue Management - FTE	7,500.00
	March 2019	
	IT Services - FTE	9,000.00
	Revenue Management - FTE	7,500.00
	Personal Services Total	49,500.00

VoIP Connections		Voucher	Amount
	US Bank (VoIP Street Inc.)	03/15/2019	600.00
		00024984	
		VoIP Connection Total	600.00
		Invoice Total	50,100.00



JOSH MANDEL
STATE TRESPASSER

RESOLUTION - 05

December 11, 2015

WHEREAS, on July 30, 2007, the State Board of Deposit adopted a resolution authorizing the Treasurer of State's recommendation to phase-out the services provided by First Data Corporation.

WHEREAS, on July 30, 2007, the State Board of Deposit adopted a resolution authorizing the Treasurer of State to approve and implement a set of recommendations made by the Treasury's Chief Information Officer regarding operational efficiencies and cost savings to the Interactive Voice Response system.

WHEREAS, the Treasurer of State has presented recommendations to replace the previously authorized recommendations to the Interactive Voice Response system with the attached recommendations, the Interactive Voice Response System Overview and Recommended Upgrades, to reflect operational upgrades and ongoing system maintenance.

THEREFORE, BE IT RESOLVED BY THE STATE BOARD OF DEPOSIT:

The Board of Deposit hereby gives the Treasurer of State the authority to implement the attached recommendations, the Interactive Voice Response System Overview and Recommended Upgrades, made by the Treasurer's Director of Information Technology regarding operational upgrades and ongoing system maintenance.

Josh Mandel, Chairman
Treasurer of State

Mike DeWine
Attorney General

Dave Yost
Auditor of State

Interactive Voice Response System Overview and Recommended Upgrades

The following is a review of the present service the Ohio Treasurer of State (TOS) provides to the Ohio Board of Deposit (BOD), which allows corporate taxpayers to make electronic payments of taxes via an interactive voice response (IVR) system. It also includes an action plan to refresh and upgrade the technology used to provide these services based on a need identified during a risk assessment against the current solution. The recommended plan will increase reliability, provide multi-site redundancy, and remove unsupported legacy third party software.

The automated process has proven to be highly successful. The IVR system has become a critical operational component in collecting business tax revenue. In the last biennium, the IVR system collected over \$5,000,000,000 through more than 135,000 transactions. All of this was accomplished without human intervention and the funds were reliably deposited and reconciled with the state depository.

Seven years ago, the BOD purchased the technology necessary to implement this solution. Since then, TOS has performed the maintenance, support, and continued customization required to keep the IVR properly functioning and reflective of changing tax code.

However, the system has not been upgraded and is still using the original core technology. This has created a significant operational risk due to several factors: the servers are over seven years old; the company that created the core software is no longer in business, which means TOS is no longer receiving updates or security patches, the absence of which presents security risks; and there are no “fail-over” capabilities. This situation creates a high likelihood of a complete loss of the IVR system, which would significantly delay businesses from making tax payments until TOS could build a new system. Before this happens, TOS would like the BOD to purchase the necessary hardware, software, and consultant expertise necessary to build a modern, redundant IVR system. The cost of this build is \$55,874.00 in software customization and consultant costs and \$34,586.35 for hardware costs. The total cost of creating a modern, reliable IVR system is \$90,460.35.

Current Technological Overview

➤ Service Provider:

- **VoipStreet** – This telecom company hosts the phone number and provides the sip trunk.

➤ Hardware:

- **Gateway 960** – This server was originally manufactured in 2002. This server is currently eight years past IT industry standard lifecycle on servers (which is five years).
- **Dell Optiplex 780** – This replacement machine was put in place as a stopgap when the old server had a catastrophic failure. This current machine was originally manufactured in 2007, which is three years past the standard replacement cycle for desktops.
- **IBM AS400** – Handles the actual processing of payments and lookups of relevant data.

➤ Software:

- **Asterisks** – This is the software suite that hosts the call tree and the voice prompts customers hear when they call in.
- **FreePBX** – Module in Asterisks that specifically handles the call center intelligence.
- **Trixbox** – Software that allows the Linux based Asterisks and FreePBX software solutions to communicate with the Windows based Tax IVR Service.
- **Tax IVR Service** – Software developed in-house by TOS staff that takes the results of the customer input via the IVR, or alternatively Tax Manager, and communicates with the AS400.
- **Bria** - Desktop Soft Phone software that resides on the computers of TOS staff who answer the call center number for this service in the event that human interaction is needed during a transaction.
- **Tax Manager** – .net desktop application built by TOS staff that connects to the Tax IVR Service; this communicates with the AS400 for verification and submission of payments. This is used only if a customer fails out of the call tree and talks to an agent.

➤ Summary:

The cumulative platform that enables automated phone payments for private entities' tax payments has reached the end of its useful lifecycle. The hardware and software that host this solution are well past their refresh period. In fact, one of the servers is two cycles past industry standard for server hardware replacements. We have already experienced a critical hardware failure that resulted in moving a portion of this solution from a server platform to a desktop platform. We are now starting to see a higher rate of failures on the other server that host this solution as well.

Future Technical Overview:

➤ Service Provider:

- **VoipStreet** – Will continue to be the telecom company that hosts the phone number and provides the sip trunk. They have proven to be a reliable company that is extremely cost effective.

➤ Hardware:

- **ShoreTel Voice SG-30** – Dedicated switches and controller module for the new phone system integration.
- **ShoreTel Ingate SIParator 21** – Handles the integration of the connection from Voip Street to the ShoreTel software.
- **IBM AS400** – Handles the actual processing of payments and lookups of relevant data.

➤ Software:

- **ShoreTel 14.2 Software** – The total functionality as it pertains to call routing, phone tree, voice recordings, and call center technology.
- **Tax IVR Service v2** – In-house software that integrates all the software and hardware of this solution.

- **Tax Manager v2-** .net desktop application built in-house, which connects to Windows services (Tax IVR Service) – this communicates for verification and submission of payments. Only used if customer fails out of call tree and talks to an agent.

➤ **Summary:**

With this upgrade/refresh, we are consolidating many of the legacy systems to one general service provider. With ShoreTel, we are replacing Asterisks, FreePBX, and Trixbox. This will be hosted on a combination of dedicated physical appliances and virtual servers that reside in a TOS pre-existing virtual environment. This allows us to keep redundant dedicated hardware where technology dictates while leveraging the resilience of a virtual environment where possible. With this migration to a new environment, TOS will be able to create a fully redundant solution. The primary site for this hardware will be at the State of Ohio Computing Center and a second site will be at our Disaster Recovery location out in Westerville, which would allow us to failover in the event of a disaster. This solution also will be supported completely via a maintenance contract with the hardware and software vendor, which support we are lacking today in our existing solution. In addition, we will use this opportunity to rewrite completely the Tax IVR Service along with the desktop application, Tax Manager.

Risk:

When evaluating risk as it pertains to systems, we look at several different factors. Some of these factors are supportability, survivability, standardization, and health. Outlined below is an evaluation of our current IVR solution against the risk parameters stated above.

- **Health** – When looking at the overall health of the IVR system we have a couple of areas of concern. The area with the highest level of risk is the Trixbox component. The company that sold us this product seven years ago has since gone out of business. Not only are we not getting updates for this product, which keep us secure, but also new versions have stopped, which would allow us to get the newer, supported operating systems. If the Host server fails, installing and configuring this product to work again has a low estimated rate of success. The next area of concern is the physical hardware that houses the IVR. Asterisks, FreePBX, and Trixbox reside on physical hardware that is over thirteen years old. We have attempted to virtualize this server in the past, but because of the software limitations virtualization was not possible. The other server is sitting on a standard business desktop that runs Windows XP and is eight years old.
- **Supportability** – Of the software that is utilized for this service, the Asterisks solution and our in-house software are the only pieces for which the TOS has active maintenance contracts. As the company that created Trixbox is out of business, we no longer have support for this portion of the solution. In the event of an application failure, we would not have access to outside resources to help resolve any issue as it pertains to Trixbox. With the limitations to the Trixbox software, upgrading the peripheral servers operating system past Windows XP has not been an option. That operating system is no longer being supported by Microsoft and has reached end of life.
- **Survivability** – Survivability can be measured in multiple ways, but for this evaluation we looked at a site failure and a system or hardware failure. This environment does not have any equipment or ability to be revived at our DR site. Along with our limited ability to bring up this

system at another site, we also do not have the ability to restore the entire environment to different hardware at the same site. This comes back to lack of software support and advance customizations that were performed. The final area of concern surrounding survivability is the architecture of the overall system. If any of the components listed above fail for any reason, the main phone line will ring busy and cease to accept payments in an automated fashion.

- Standardization – Currently there are three different third party applications, two different server platforms, and two custom written applications that are needed for this system to work. As stated above, all aspects of this system need to be running at all times or the entire system stops working. Because of this, there are concerns over versioning and interoperability between applications. This has already presented itself as a problem in reference to updating operating systems, applications, and firmware.

Summary:

Since its inception of seven years ago, the IVR system has become a critical application for businesses to make tax payments. During the last seven years, TOS has fully supported and maintained the IVR system, which has collected over \$10,000,000,000 via more than 100,000 transactions. However, the system is at a high risk of failure because of the legacy hardware and software. As a result of some of the primary software companies going out of business, many pieces of the IVR application have known security vulnerabilities. An IVR system failure would result in a major impact on tax collection that would persist until a new system could be built.



STATE BOARD OF DEPOSIT

STATE OF OHIO

Members:
Richard Cordray, Chairman
Treasurer of State

Marc Dann
Attorney General

Mary Taylor
Auditor of State

RESOLUTION

July 30, 2007

The Board of Deposit hereby approves the Treasurer of State's recommendation that the Board of Deposit proceed expeditiously to phase-out the services provided by First Data Corporation, which are governed by the Banking Services Agreement dated July 3, 2006 with Key Bank, N.A. The Board of Deposit further gives the Treasurer of State the authority to approve and implement the attached recommendations made by the Treasury's Chief Information Officer regarding operational efficiencies and cost savings.

Richard Cordray, Chairman
Treasurer of State

Handwritten signature of Richard Cordray in cursive, written over a horizontal line.

Marc Dann
Attorney General

Handwritten signature of Marc Dann in cursive, written over a horizontal line.

Mary Taylor
Auditor of State

Handwritten signature of Mary Taylor in cursive, written over a horizontal line.

RICHARD CORDRAY

OFFICE OF THE TREASURER OF STATE



First Data Corporation Service Analysis & Recommendations

Michael Sawczyn
Chief Information Officer for Ohio Treasurer of State Richard Cordray
July 19, 2007

The following analysis details the present services being provided to the Ohio Board of Deposit by First Data Corporation (FDC) to assist corporate taxpayers in the electronic payment of taxes via FDC's Interactive voice response (IVR) system. It also includes a set of alternatives and recommendations to replace the current FDC services with a solution that will be created and managed by the Ohio Treasury. The recommended alternative would increase the level of service to Ohio corporations while reducing costs by \$146,000 annually.

Executive Summary

The following analysis details the present services being provided to the Ohio Board of Deposit by First Data Corporation (FDC) to assist corporate taxpayers in the electronic payment of taxes via FDC's interactive voice response (IVR) system. It also includes a set of alternatives and recommendations to replace the current FDC services with a solution that will be created and managed by the Ohio Treasury. The recommended alternative would increase the level of service to Ohio corporations while reducing costs by \$146,000 annually.

The recommendations discuss the replacement of the FDC service with two systems that would be hosted by the Treasury. The first would be a replacement IVR system based on open-source telephony solutions, which would duplicate the functionality of the FDC service in capturing payment information by telephone and feed it into the current ACH payment stream used at the Treasury. The second would be a web offering that would allow payments to be submitted by website as well as a method of allowing corporations to set up and modify the details of their pay-by-phone accounts. Both systems can be created and maintained by the Treasury for significantly less cost than the annual payments to FDC for the IVR service alone.

Current FDC Services

FDC contracts through Key Bank to provide a means for corporate taxpayers to electronically pay taxes. Eighteen tax types are currently supported, as follows:

- Regular Withholding Tax
- Quarterly Withholding Reconciliation
- Corporate Franchise Estimated Tax (four quarters)
- Regular Sales Tax
- Direct Payment Permit
- Seller's Use Tax
- Consumer's Use Tax
- Motor Vehicle Fuel Tax
- Regular Public Utilities Excise Tax
- Premium Insurance
- Municipal Income Tax (four quarters)
- Iolta

An additional fourteen tax types are not collected by FDC. They are:

- Motor Vehicle Sales Tax
- Boats/Motors Sales Tax
- Motor Fuel Use Tax
- International Fuel Tax Agreement payments
- Wine Gallonage

- Beer Gallonage
- Cigarette Tax
- Cigarette Floor Tax
- Resort Tax
- Severance Tax
- Dealers in Intangibles Tax
- Tire Tax
- Estate Tax
- Reparations Rotary Tax

While the system FDC uses is generically termed an interactive voice response (IVR) system, it does not use voice recognition to interact with the taxpayer. When the taxpayer calls the system, a pre-recorded announcement gives instructions indicating that the taxpayer should use their touchtone pad to enter their taxpayer id, a PIN, the tax they are paying and the amount. Other information, such as when the payment should be made, is also collected and an ACH debit transaction is produced for the appropriate date to transfer monies from the taxpayer's pre-registered bank account to the appropriate state account.

Review of the billing statements for FDC services from June, 2004 through May, 2007 show that an average of \$30,320 per month is spent on the collection of these taxes, with approximately \$1,180 of this amount being pass-through bank fees for the ACH debit and the remaining \$29,140 per month consisting of processing costs paid directly to FDC.

Breakdowns of the costs are as follows, with the pass-through bank costs shown in italic:

Item description	Average number	Cost
IVR call processing (by customer service)	422	844
IVR call processing (electronic)	20,801	21,841
IVR call processing (electronic - hang-up)	275	193
Status inquiries (by customer service)	307	614
Payment cancellation requests (by customer service)	61	122
New taxpayer accounts created (electronic)	83	42
Taxpayer data changes (by customer service)	2	7
Taxpayer data changes (electronic)	89	44
Taxpayer data deletion requests (by customer service)	13	43
Taxpayer data storage	19,782	4,946
<i>ACH files sent to bank</i>	24	122
<i>ACH debit records sent to bank</i>	21,163	1,058
<i>ACH debit records sent to bank - surcharge</i>	21,163	212
Miscellaneous charges		232
Total		\$30,320

An average of 805 calls are handled by customer service representatives each month, each call lasting approximately 2 minutes, for an average total of 23.7 man-hours per month of customer service. Data input calls lasted an average of 3 minutes each, totaling to an average of 62,400 call-minutes per month.

ACH transactions are made at Key Bank and the activity reports sent to the Treasury, which are then balanced against the FDC activity reports and the money recorded appropriately.

Corporations have the option to pay some of these taxes via the Ohio Business Gateway (OBG) as well. OBG currently collects regular withholding, regular sales and municipal income taxes, with an average transaction volume of approximately 41,000 transactions per month on these tax types. Monthly bank processing charges for this volume average $\$2,050 + \$110 = \$2,160$ at \$.05 per ACH transaction plus \$5 per daily file.

Analysis and Recommendations

Approximately \$350,000 is being spent annually to FDC above and beyond the bank charges for the collection and processing of ACH payments from corporate taxpayers. The technology and infrastructure used to provide this service is significantly less expensive than this and can be replicated within the Treasury to provide the same or greater level of service.

When considering replacing FDC's services with an in-house structure, both the customer service aspect as well as the technology must be addressed.

Customer Service

The additional customer service load that would be undertaken by the Treasury does not appear to be prohibitive, but still must be taken into account. According to billing reports from FDC, approximately 24 man-hours per month would be added to the call volume for support, but we should expect this to rise in the early days of the transition due both to issues with the new system that would be put in place (more calls) and to the Treasury staff's lack of knowledge of the new system (longer calls).

Handling customer service calls is a task that is currently distributed throughout the various departments of the Treasury, with each department handling calls appropriate to their area. The staff handling question or problem calls do not rest and wait for the phone to ring; rather, they have other duties which are essentially interrupted by the need to handle calls from outside parties.

The addition of the IVR call volume would cause further disruption on two fronts. As mentioned above, staff would experience both a larger-than-average call volume (while taxpayers get accustomed to the new system) and a longer-than-average call length (while staff gets accustomed to their new duties). In addition, the extra calls would cause a greater number of task breaks, increasing the length of time for current duties to be accomplished.

Two options are available to handle the increased external customer service load: a staff increase or a redistribution of workload. Of the two, the least disruptive and fastest to

implement would be a staff increase of one additional FTE, which ideally would be split into the conversion of two part-time employees into full-time employees. The change in status from part-time to full-time would be superior to hiring a new employee since it would significantly reduce training time and costs. This would produce the shortest learning curve and quickest ability to provide a satisfactory level of customer service while still maintaining the quality and timeliness of current Treasury operational processing. The alternative, redistributing the workload, would involve the creation of a dedicated customer service center, which would require approximately six to twelve months of planning and training along with substantive disruption to the Treasury's workflow during its implementation.

Addition of the one total Revenue Management FTE performing these duties is estimated at \$49,000 + 32% load for a total of \$64,700 per year.

IVR Technology

Telephony technology is currently experiencing a growth spurt, with a number of excellent systems available as both commercial and open-source products. Starting in the early 1990s, the growth in this area of information technology has outpaced the growth in virtually every other computer science field.

One particularly attractive telephony system is available as an open-source project: Asterisk (<http://www.asterisk.org>).

The Asterisk project was started in 1999 by the founder of Digium Corporation and is currently supported on a fee basis by that company. The product itself is free and open-source; it and its source code can be downloaded from the internet and used in any setting without payment. Online support is available for free with an extensive knowledge base and volumes of documentation, or users may opt for paid support directly from Digium. Digium also sells hardware for use with Asterisk allowing the hosting computer to hook into standard analog and digital telephone systems, and the system natively supports Voice-Over-IP (VOIP) for secure access to a VOIP provider.

The system will run on hardware currently available and sitting idle at the Treasury, and will support the IVR activities needed for an FDC replacement. Essentially, the hardware and software can be acquired at a zero dollar cost.

This is not to say that the creation of the system would, however, be a zero cost proposition. Both development and maintenance would be required.

Development costs would center on staff training in telephony technology and interfacing the IVR system with the Treasury's enterprise computer system. The integration would hook into the current ACH processing that is being done for Repairs Rotary and Boat & Motors payments, providing some economies of scale. Development, configuration and testing time is estimated to take 4 - 6 weeks.

Maintenance activities would include operating system and Asterisk installation and configuration, system security creation and monitoring, backups, redundancy, disaster recovery and contingency planning and implementation.

The total IT added workload would amount to approximately one FTE, and is estimated to add \$90,000 + 32% load for a total of \$118,800.

To connect the IVR system with the telephone network, it will need to integrate with a telephone provider. Pricing ranges from \$6 to \$25 per month per line for VOIP, so with ten lines (allowing for ten simultaneous calls into the IVR), the high end would be \$250 per month. AT&T can provide this service, as can Verizon and a large number of other, smaller providers, some of which are Ohio companies. No additional wiring or other infrastructure costs would be needed to implement the VOIP solution.

As an additional bonus, bringing this system into the Treasury would provide a self-service function for taxpayers to enter and update their demographic and banking information. A secure website would be created that would allow the entry of data identifying the taxpayer (e.g., corporation tax id, bank account number, etc.). The Treasury would securely store that data in encrypted form on its network and use it to route the payments and payment information taken in by the IVR system.

When configuring the IVR system to accept payments currently handled by FDC, it is also suggested that the means be added to accept Reparations Rotary and Boats & Motors payments, providing an increased level of service and an alternative mechanism for rural areas to electronically pay into the Treasury.

Moving Forward: Alternatives

Three alternative plans were investigated during the research for this project.

The first would be to simply **do nothing**. This is the baseline alternative and should always be considered. Costs per year (minus banking fees) would continue to be approximately \$350,000.

The second alternative would be to **move to a different provider**. Other companies provide this same service, and costs for these services are broken down either as per-transaction or a flat percentage for all monies collected (the latter appears to be more common).

To use a representative example, Franklin County's IVR provider charges 7.2% of the total amount collected per month. Taking April, 2007 as an example, the charges for the \$306,853,085 collected would amount to \$22,093,422 *on a monthly basis*. Using the percentage-transferred model, in order to bring the costs to a comparable level with FDC's pricing the overhead charge would have to be brought down to 0.0099%, which appears highly unlikely.

The third, and recommended, alternative is to **move the IVR function from FDC to the Treasury**. Costs for this proposal

- would retain the approximately \$1,180 per month in banking charges for the ACH transactions
- add an additional \$250 (approx.) for VOIP phone connections, and
- add approximately \$16,700 for staff

The cost total for this alternative would amount to \$18,140 per month for a total annual cost of \$217,680, a savings of \$146,160. Additional opportunities also exist for expansion

of the system at minimal cost expansion to handle other types of payments, once the system is up and running.

IVR At A Glance

- IVR functionality currently provided by FDC can be replicated in the Treasury's network using mature software and a nominal staff increase.
- The IVR system will run on existing hardware already owned by the Treasury.
- IT will survey VOIP providers to get the best price and service level for ten incoming phone lines. Estimated price is \$250 per month, or \$3,000 annually, although investigating the market further may bring that price down.
- No outside training or consulting will be required to implement the system, since extensive documentation and peer-to-peer help is available on the internet.
- Design, implementation and testing can be done in a 4 – 6 week timeframe.
- The system can be extended to perform other telephony related activities as our needs change including such things as an expanded role in payment collection.