



# STATE BOARD OF DEPOSIT STATE OF OHIO

**Members:**  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$451.43.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberland*

SECRETARY

*June 20, 2018*

DATE

**J.P.Morgan**

JPMORGAN CHASE BANK, N.A.

INVOICE #: 000100000001515103

ACCOUNT: 001 000000000704346915

PRODUCTION DATE: 06-06-2018

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:

GEORGE SESOCK  
(330) 972-1762

OTHER CONTACT:

GLOBAL CLIENT CARE SERVICE CTR  
(888) 434-3030**BILLING ACTIVITY**

Charges and other debits

Invoice Date	Invoice	Description	Amount
03-31-2018	000100000001512430	PREVIOUS SERVICE CHARGE	295.26
04-30-2018	000100000001513787	PREVIOUS SERVICE CHARGE	438.76
05-31-2018	000100000001515103	CURRENT SERVICE CHARGE	451.43
<b>TOTAL</b>			<b>1,185.45</b>

Payments and other credits

Effective Date	Invoice	Post Date	Description	Amount
04-02-2018	000100000001509873	04-02-2018	INVOICED PAYMENT RECEIVED	444.92
04-23-2018	000100000001511131	04-23-2018	INVOICED PAYMENT RECEIVED	425.61
<b>TOTAL</b>			<b>870.53</b>	

**INVOICE SUMMARY**

Date	Invoice	Total Billed	Total Paid to Date	Outstanding Amount
03-31-2018	000100000001512430	431.58	136.32	295.26
04-30-2018	000100000001513787	438.76	0.00	438.76
05-31-2018	000100000001515103	451.43	0.00	451.43
<b>TOTAL OUTSTANDING AMOUNT (06-30-2018)</b>				<b>1,185.45</b>

**Account Analysis Payment Remittance***(Please detach and return this portion of the invoice with payment)***Total Amount Due \$ 1,185.45**

Customer Name: STATE OF OHIO TREASURER OF STATE

Account: 001 000000000704346915

Production Date: 06-06-2018

Payment Due On: 06-30-2018

Invoice Number: 000100000001515103

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 05-31-2018.\*\*\*\*

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

ACCOUNT ANALYSIS STATEMENT  
FOR MAY 2018

DETAIL OF ACCOUNT 001 000000000704346915

PAGE 1 OF 6  
ACCOUNT: 001 000000000704346915  
PRODUCTION DATE: 06-06-2018  
INVOICE  
OFFICER CONTACT:  
GEORGE SESOCK  
(330) 972-1762  
OTHER CONTACT:  
GLOBAL CLIENT CARE SERVICE CTR  
(888) 434-3030

BALANCE AND COMPENSATION ANALYSIS

EARNINGS ALLOWANCE RATE: 2.321%  
MULTIPLIER: \$ 507.23000

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 RESERVE REQUIREMENT	0	0.00
000040	INVESTABLE BALANCE	0	0.00
000400	BAL EQUIVINT-TOT SERVICE CHRGS	-228,981	0.00
000410	EXCESS/(DEFICIT) INVESTBLE BAL	-228,981	0.00
000240	EARNINGS ALLOWANCE	0	0.00
000331	BAL COMPENSABLE SRVC CHARGES	0	-451.43
000241	EXCESS/(DEFICIT) EARNING ALLOW	0	-451.43
000314	SERVICE CHARGE AMOUNT	0	451.43

*Handwritten signature and date: 6/15/18*



ACCOUNT ANALYSIS STATEMENT  
FOR MAY 2018

PAGE 2 OF 6

ACCOUNT: 001 000000000704346915  
PRODUCTION DATE: 06-06-2018

JPMorgan

STATE OF OHIO TREASURER OF STATE

DETAIL OF ACCOUNT 001 000000000704346915

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	4.058	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	507	0.00
SUBTOTAL					9.00	4.565	
AUTOMATED CLEARING HOUSE							
ACH MAINTENANCE	02695	250000	10.0000	1	10.00	5.072	0.00
SUBTOTAL					10.00	5.072	
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	12	60.00	30.434	0.00
SUBTOTAL					60.00	30.434	
JPMORGAN ACCESS							
ACCOUNTS REPORTED	06041	40044Z	15.0000	3	45.00	22.826	0.00
MONTHLY SERVICE	06040	400610	50.0000	1	50.00	25.362	0.00
TRANSACTIONS REPORTED - 45 DAY	06043	40066Z	0.1000	276	27.60	14.000	0.00
EXTENDED TRANSACTION DETAIL	06053	40066Z	0.0000	20	0.00	0	0.00
SUBTOTAL					122.60	62.187	
BAU/SWIFT/ISO REPORTING							
H2H TRANS DETAIL REPORTED	06094	400110	0.0300	9	0.27	137	0.00
H2H NON-CHECK ITEMS REPORTED	06095	400110	0.0300	155	4.65	2.359	0.00
H2H FILES TRANSMITTED OVER 67	03653	4004ZZ	0.0000	21	0.00	0	0.00
H2H ACCOUNTS REPORTED	06085	4004ZZ	30.0000	2	60.00	30.434	0.00
SUBTOTAL					64.92	32.930	
INT REC & PAY - RECONCILE / 71							
5681	06139	050005	20.0000	1	20.00	10.145	0.00
CLOSED LBX IMAGE VIEWING	06201	059999	0.0138	356	4.91	2.491	0.00
REMITTER RECORD STORG					24.91	12.635	
SUBTOTAL					24.91	12.635	

ACCOUNT ANALYSIS STATEMENT  
FOR MAY 2018

PAGE 3 OF 6

J.P.Morgan

STATE OF OHIO TREASURER OF STATE

DETAIL OF ACCOUNT 001 000000000704346915

ACCOUNT: 001 000000000704346915  
PRODUCTION DATE: 06-06-2018

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	06139	050005	20.0000	1	20.00	10.145	0.00
CLOSED LBX IMAGE VIEWING							
SUBTOTAL					20.00	10.145	
INT REC & PAY - RECONCILE / 78							
1216	06139	050005	20.0000	1	20.00	10.145	0.00
CLOSED LBX IMAGE VIEWING							
SUBTOTAL					20.00	10.145	
INT REC & PAY - RECONCILE / 78							
12161	06139	050005	20.0000	1	20.00	10.145	0.00
CLOSED LBX IMAGE VIEWING							
SUBTOTAL					20.00	10.145	
INT REC & PAY - RECONCILE / 78							
12162	06139	050005	20.0000	1	20.00	10.145	0.00
CLOSED LBX IMAGE VIEWING							
SUBTOTAL					20.00	10.145	
INT REC & PAY - RECONCILE / 78							
12163	06139	050005	20.0000	1	20.00	10.145	0.00
CLOSED LBX IMAGE VIEWING							
SUBTOTAL					20.00	10.145	
INT REC & PAY - RECONCILE / 78							
12164	06139	050005	20.0000	1	20.00	10.145	0.00
CLOSED LBX IMAGE VIEWING							
SUBTOTAL					20.00	10.145	
INT REC & PAY - RECONCILE / 78							
12165	06139	050005	20.0000	1	20.00	10.145	0.00
CLOSED LBX IMAGE VIEWING							
SUBTOTAL					20.00	10.145	



ACCOUNT ANALYSIS STATEMENT  
FOR MAY 2018

PAGE 4 OF 6

JPMorgan

STATE OF OHIO TREASURER OF STATE

DETAIL OF ACCOUNT 001 000000000704346915

ACCOUNT: 001 000000000704346915  
PRODUCTION DATE: 06-06-2018

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	10.145	0.00
SUBTOTAL					20.00	10.145	
TOTAL CHARGE FOR SERVICES		000300			451.43	0	
TOTAL FEE BASED CHARGES		000330			0.00	0	
BAL COMPENSABLE SRVC CHARGES		000331			-451.43	0	
BAL EQUIVINT-TOT SERVICE CHRGS		000400			0.00	228.981	

ACCOUNT ANALYSIS STATEMENT  
FOR MAY 2018

PAGE 5 OF 6

J.P. Morgan

STATE OF OHIO TREASURER OF STATE

DETAIL OF ACCOUNT 001 000000000704346915

ACCOUNT: 001 000000000704346915  
PRODUCTION DATE: 06-06-2018

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	57	57	57	294,724	-294,667		0	445	-445
FEB	0	0	0	275,042	-275,042		0	426	-426
MAR	0	0	0	219,979	-219,979		0	432	-432
APR	0	0	0	225,915	-225,915		0	439	-439
MAY	0	0	0	228,981	-228,981		0	451	-451
JAN - MAY AVERAGE	11	11	11	248,928			0	2,192	-2,192
JAN - MAY AVERAGE NET					-1,244,585		0		-2,192



10197680505000000045

Board of Deposit  
Chase Consolidation Account 6915 - May 2018

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	ACHMAINTENANCE		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	12 \$ 60.00	\$ 60.00	\$ -	
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	276 \$ 27.60	\$ 27.60	\$ -	
6053	40 06 6Z	EXTENDED TRANSACTION DETAIL		0	20 \$ -	\$ -	\$ -	
6094	40 01 10	H2H TRANS DETAILREPORTED		0.03	9 \$ 0.27	\$ 0.27	\$ -	
6095	40 01 10	H2H NON-CHECK ITEMS REPORTED		0.03	155 \$ 4.65	\$ 4.65	\$ -	
3653	40 04 ZZ	H2H FILES TRANSMITTED OVER 67		0	21 \$ -	\$ -	\$ -	
6085	40 04 ZZ	H2H ACCOUNTS REPORTED		30	2 \$ 60.00	\$ 60.00	\$ -	
6139	05 00 05	CLOSED LBX IMAGE VIEWING 715681		20	1 \$ 20.00	\$ 20.00	\$ -	
6201	05 99 99	REMITTER RECORD STORG 715681		0.0138	356 \$ 4.91	\$ 4.91	\$ (0.00)	
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	\$ -	
					\$ 451.43	\$ 451.43	\$ (0.00)	

<b>Service Fee Total</b>	\$	<b>451.43</b>
<b>Earnings Credit Allowance</b>	\$	<b>-</b>
<b>Total</b>	\$	<b>451.43</b>





# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$134.38.

*Josh Mandel*

CHAIRMAN

*Stacy Lumberlander*

SECRETARY

*June 20, 2018*

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 05/01/2018  
 To 05/31/2018  
 Statement Date 06/08/2018

Account Summary Section

Group Account: 801892412957

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	24,657.69	EARNINGS CREDIT ALLOWANCE	7.32
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-141.70
AVERAGE COLLECTED BALANCE	24,657.69	NET CHARGE FOR SERVICES	-134.38
AVG POSITIVE COLLECTED BALANCE	24,657.69	***SERVICE CHARGE AMOUNT	134.38
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	24,657.69		
LESS BALANCE REQUIRED	-476,678.80		
NET AVAILABLE BALANCE	-452,021.11		
TOTAL DEFICIT BALANCE	-452,021.11		

Service Charge Detail

Group Account: 801892412957

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>BUSINESS SECURITY SUITE</b>					
0183	251053	ACH POS PAY-ALERTS	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
<b>BUSINESS ONLINE-BOL</b>					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
<b>INFORMATION REPORTING</b>					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
<b>TOTAL CHARGE FOR SERVICES</b>					<b>141.70</b>

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 05/01/2018  
To 05/31/2018  
Statement Date 06/08/2018  
Invoice Due Date\* 06/30/2018

\* Please remit the Total Amount Due of 399.15 before this date

**Invoice Details**

**Group:** 801892412957

Description	
Previous Balance	264.77
Account Summary of Charges	
Previous Invoice Balance	264.77
Total Past Due	264.77
Current Service Charges	134.38
<b>Total Amount Due</b>	<b>399.15</b>

Statement Period 05/01/2018 to 05/31/2018 Page 2 of 3

(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: 05/31/2018

Invoice #: 008900000000048200

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

Payment Due on 06/30/2018

Amount Due 399.15

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 05/01/2018  
 To 05/31/2018  
 Statement Date 06/08/2018

Account Summary Section

Public Fund Analyzed Checking Account: 01892412957

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	24,657.69	EARNINGS CREDIT ALLOWANCE 0.350 %	7.32
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-141.70
AVERAGE COLLECTED BALANCE	24,657.69	NET CHARGE FOR SERVICES	-134.38
AVG POSITIVE COLLECTED BALANCE	24,657.69	***SERVICE CHARGE AMOUNT	134.38
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	24,657.69		
LESS BALANCE REQUIRED	-476,678.80		
NET AVAILABLE BALANCE	-452,021.11		
TOTAL DEFICIT BALANCE	-452,021.11		

*AR*  
 6/15/18

Service Charge Detail

Public Fund Analyzed Checking Account: 01892412957

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>BUSINESS SECURITY SUITE</b>					
0183	251053	ACH POS PAY-ALERTS	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
<b>BUSINESS ONLINE-BOL</b>					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
<b>INFORMATION REPORTING</b>					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
<b>TOTAL CHARGE FOR SERVICES</b>					<b>141.70</b>

Board of Deposit  
Huntington ODNR Division of Reclamation 2957 - May 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
21	01 00 00	MONTHLY SERVICE FEE		12	1 \$	12.00	\$ 12.00	\$ -
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	669 \$	-	\$ -	\$ -
1490	25 10 50	ACH POS PAY ONLY ACCT		15	1 \$	15.00	\$ 15.00	\$ -
3722	40 00 22	BOL ACCOUNTMAINT-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	\$ -
					\$	<b>141.70</b>	\$ 141.70	\$ -

<b>Service Fee Total</b>	\$	<b>141.70</b>
<b>Earnings Credit Allowance</b>	\$	<b>7.32</b>
<b>Total</b>	\$	<b>134.38</b>



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$140.22.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberlander*

SECRETARY

*June 20, 2018*

DATE



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 05/01/2018  
 To 05/31/2018  
 Statement Date 06/08/2018

**Account Summary Section**

Group Account: 801892413134

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	5,000.00	EARNINGS CREDIT ALLOWANCE	1.48
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-141.70
AVERAGE COLLECTED BALANCE	5,000.00	NET CHARGE FOR SERVICES	-140.22
AVG POSITIVE COLLECTED BALANCE	5,000.00	***SERVICE CHARGE AMOUNT	140.22
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	5,000.00		
LESS BALANCE REQUIRED	-476,678.80		
NET AVAILABLE BALANCE	-471,678.80		
TOTAL DEFICIT BALANCE	-471,678.80		

**Service Charge Detail**

Group Account: 801892413134

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>BUSINESS SECURITY SUITE</b>					
0183	251053	ACH POS PAY-ALERTS	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
<b>BUSINESS ONLINE-BOL</b>					
3722	400022	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
<b>INFORMATION REPORTING</b>					
4005	400012	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
<b>TOTAL CHARGE FOR SERVICES</b>					<b>141.70</b>

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 05/01/2018  
To 05/31/2018

Statement Date 06/08/2018

Invoice Due Date\* 06/30/2018

\* Please remit the Total Amount Due of 416.43 before this date

**Invoice Details**

**Group:** 801892413134

**Description**

Previous Balance	276.21
Account Summary of Charges	
Previous Invoice Balance	276.21
Total Past Due	276.21
Current Service Charges	140.22
<b>Total Amount Due</b>	<b>416.43</b>

Statement Period 05/01/2018 to 05/31/2018 Page 2 of 3

(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 43215-3414

Group #: 801892413134

Invoice Date: 05/31/2018

Invoice #: 008900000000048202

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

Payment Due on 06/30/2018

Amount Due 416.43

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 05/01/2018  
 To 05/31/2018

Statement Date 06/08/2018

Account Summary Section

Public Fund Analyzed Checking Account: 01892413134

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	5,000.00	EARNINGS CREDIT ALLOWANCE 0.350 %	1.48
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-141.70
AVERAGE COLLECTED BALANCE	5,000.00	NET CHARGE FOR SERVICES	-140.22
AVG POSITIVE COLLECTED BALANCE	5,000.00	***SERVICE CHARGE AMOUNT	140.22
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	5,000.00		
LESS BALANCE REQUIRED	-476,678.80		
NET AVAILABLE BALANCE	-471,678.80		
TOTAL DEFICIT BALANCE	-471,678.80		

*Handwritten signature and date: 6/15/18*

Service Charge Detail

Public Fund Analyzed Checking Account: 01892413134

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>BUSINESS SECURITY SUITE</b>					
0183	251053	ACH POS PAY-ALERTS	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
<b>BUSINESS ONLINE-BOL</b>					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
<b>INFORMATION REPORTING</b>					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
<b>TOTAL CHARGE FOR SERVICES</b>					<b>141.70</b>

Board of Deposit

Huntington ODNR Lake Katherine Management Fund 3134 - May 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
21	01 00 00	MONTHLY SERVICE FEEUF	12	1	\$ 12.00	\$ 12.00	\$ -	
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	669	\$ -	\$ -	\$ -	
1490	25 10 50	ACH POS PAY ONLY ACCT	15	1	\$ 15.00	\$ 15.00	\$ -	
3722	40 00 ZZ	BOL ACCOUNT MAINT-BASIC	0	1	\$ -	\$ -	\$ -	
3742	40 02 72	BOL PREVIOUS DAY ITEMS-BASIC	0	22	\$ -	\$ -	\$ -	
4005	40 00 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	\$ -	
					\$ 141.70	\$ 141.70	\$ -	

<b>Service Fee Total</b>	\$	<b>141.70</b>
<b>Earnings Credit Allowance</b>	\$	<b>1.48</b>
<b>Total</b>	\$	<b>140.22</b>



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$141.70.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberland*

SECRETARY

*June 20, 2018*

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 05/01/2018  
 To 05/31/2018  
 Statement Date 06/08/2018

Account Summary Section

Group Account: 801892413105

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	.00	EARNINGS CREDIT ALLOWANCE	.00
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-141.70
AVERAGE COLLECTED BALANCE	.00	NET CHARGE FOR SERVICES	-141.70
AVG POSITIVE COLLECTED BALANCE	.00	***SERVICE CHARGE AMOUNT	141.70
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	.00		
LESS BALANCE REQUIRED	-476,678.80		
NET AVAILABLE BALANCE	-476,678.80		
TOTAL DEFICIT BALANCE	-476,678.80		

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	12.0000	12.00
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	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
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					141.70

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

**Account:** 01892413105

Analysis Period From 05/01/2018  
To 05/31/2018  
Statement Date 06/08/2018  
Invoice Due Date\* 06/30/2018

\* Please remit the Total Amount Due of 434.74 before this date

**Invoice Details**

**Group:** 801892413105

Description	
Previous Balance	293.04
Account Summary of Charges	
Previous Invoice Balance	293.04
Total Past Due	293.04
Current Service Charges	141.70
<b>Total Amount Due</b>	<b>434.74</b>

Statement Period 05/01/2018 to 05/31/2018 Page 2 of 3

(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: 05/31/2018  
Invoice #: 008900000000048201

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

Payment Due on 06/30/2018  
Amount Due 434.74  
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 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 05/01/2018  
 To 05/31/2018

Statement Date 06/08/2018

Account Summary Section

Public Fund Analyzed Checking Account: 01892413105

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	.00	EARNINGS CREDIT ALLOWANCE 0.350 %	.00
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-141.70
AVERAGE COLLECTED BALANCE	.00	NET CHARGE FOR SERVICES	-141.70
AVG POSITIVE COLLECTED BALANCE	.00	***SERVICE CHARGE AMOUNT	141.70
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	.00		
LESS BALANCE REQUIRED	-476,678.80		
NET AVAILABLE BALANCE	-476,678.80		
TOTAL DEFICIT BALANCE	-476,678.80		

*JP*  
 6/15/18

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	12.0000	12.00
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	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
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					141.70

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

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
21	01 00 00	MONTHLY SERVICE FEEUF		12	1 \$	12.00	\$ 12.00	\$ -
	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	669 \$	-	\$ -	\$ -
	1490	25 10 50	ACH POS PAY ONLY ACCT	15	1 \$	15.00	\$ 15.00	\$ -
	3722	40 00 2Z	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	\$ -
					\$	<b>141.70</b>	\$ 141.70	\$ -

<b>Service Fee Total</b>	\$	<b>141.70</b>
<b>Earnings Credit Allowance</b>	\$	<b>-</b>
<b>Total</b>	\$	<b>141.70</b>



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 [Lockbox Processing] for May 2018, are \$2,121.57.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberland*

SECRETARY

*June 20, 2018*

DATE



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



TREAS-ST OH LOCKBOX PROCESSING  
 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: 801892977065

Analysis Period From 05/01/2018  
 To 05/31/2018  
 Statement Date 06/08/2018

Account Summary Section

Group Account: 801892977065

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	3,031,947.50	EARNINGS CREDIT ALLOWANCE	775.68
LESS AVERAGE FLOAT	-422,484.26	TOTAL CHARGE FOR SERVICES	-2,897.25
AVERAGE COLLECTED BALANCE	2,609,463.24	NET CHARGE FOR SERVICES	-2,121.57
AVG POSITIVE COLLECTED BALANCE	2,609,463.24	***SERVICE CHARGE AMOUNT	2,121.57
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	2,609,463.24		
LESS BALANCE REQUIRED	-9,746,349.00		
NET AVAILABLE BALANCE	-7,136,885.76		
TOTAL DEFICIT BALANCE	-7,136,885.76		

Service Charge Detail

Group Account: 801892977065

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
2551	250200	ACH RECEIVED-DEBIT	75	.2000	15.00
2552	250201	ACH RECEIVED-CREDIT	2	.2000	.40
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>LOCKBOX</b>					
0301	050000	WLBX MONTHLY MAINTENANCE	4	70.0000	280.00
0310	050122	WLBX DATA CAPTURE-OCR/MICR	1,108	.0200	22.16
0315	050100	WLBX PAYMENT PROCESSED	1,108	.5500	609.40
0319	05011M	WLBX NON-PROCESSABLE	15	.5000	7.50
0322	05011R	WLBX IMAGE CAPTURE	3,886	.0500	194.30
0341	050010	RLBX MONTHLY MAINTENANCE	1	90.0000	90.00
0344	050200	RLBX DATA CAPTURE-OCR LINE	27	.0200	.54
0345	050200	RLBX REMIT PROCESSED	27	.1500	4.05
0348	05021M	RLBX NON-PROCESSABLE	1	.7500	.75
0350	05021Q	RLBX IMAGE CAPTURE	50	.0250	1.25

## Service Charge Detail

Group Account: 801892977065

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
0370	050424	LBX ONLINE VIEWING MAINT	5	35.0000	175.00
0371	050428	LBX ONLINE VIEWING PER IMAGE	3,936	.0500	196.80
0373	050400	LBX DATA FILE MAINT	5	25.0000	125.00
0374	050401	LBX DATA FILE PER PAYMENT	1,132	.0500	56.60
0375	050400	LBX IMAGE FILE MAINT	5	25.0000	125.00
0376	050425	LBX IMAGE FILE PER IMAGE	3,936	.0500	196.80
0388	05013H	LBX NON-PROCESSABLE MAIL RTRN	5	5.0000	25.00
0393	050105	LBX FOREIGN ITEM HANDLING	2	.6500	1.30
0499	050300	LBX DEPOSITS PROCESSED	98	.4000	39.20
0500	10022Z	LBX DEPOSITED ITEMS	1,130	.2000	226.00
0785	050030	RLBX WEB EXCEPTION MAINT	1	50.0000	50.00
0786	050100	RLBX WEB EXCEPTION PER ITEM	11	.2500	2.75
AUTOMATED CLEARING HOUSE-ACH					
2500	250000	ACH MONTHLY MAINT FEE	1	45.0000	45.00
BUSINESS ONLINE-BOL					
3722	40002Z	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3730	40001Z	BOL EXPORT MAINT-BASIC	1	20.0000	20.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	201	.0000	.00
3746	400275	BOL CURRENT DAY ITEMS-BASIC	103	.0000	.00
CENTRALIZED RETURNS					
1141	100400	SPEC RETURNS ITEM PROCESSED	3	2.5000	7.50
WIRE TRANSFER					
3530	350300	WIRE-INCOMING DOMESTIC	1	8.5000	8.50
REMOTE DEPOSIT-RD					
3201	101302	RD-MONTHLY MAINT	1	60.0000	60.00
3206	101302	RD-MONTHLY MAINT LOCKBOX-HNB	4	35.0000	140.00
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
4007	400231	INFO RPT-TRANS - PREV DAY DETL	179	.2500	44.75
TOTAL CHARGE FOR SERVICES					2,897.25

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



TREAS-ST OH LOCKBOX PROCESSING  
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:** 801892977065

**Account:** 01892977065

Analysis Period From 05/01/2018  
To 05/31/2018  
Statement Date 06/08/2018  
Invoice Due Date\* 06/30/2018

\* Please remit the Total Amount Due of 8,520.44 before this date

**Invoice Details**

**Group:** 801892977065

Description	
Previous Balance	6,398.87
Account Summary of Charges	
Previous Invoice Balance	6,398.87
Total Past Due	6,398.87
Current Service Charges	2,121.57
<b>Total Amount Due</b>	<b>8,520.44</b>

Statement Period 05/01/2018 to 05/31/2018 Page 3 of 5

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

TREAS-ST OH LOCKBOX PROCESSING  
30 E BROAD ST FL 10  
COLUMBUS OH 43215-3414

Group #: 801892977065

Invoice Date: 05/31/2018

Invoice #: 008900000000048297

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

Payment Due on 06/30/2018

Amount Due 8,520.44

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 LOCKBOX PROCESSING  
 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: 801892977065

Account: 01892977065

Analysis Period From 05/01/2018  
 To 05/31/2018

Statement Date 06/08/2018

Account Summary Section

Public Fund Analyzed Checking Account: 01892977065

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	3,031,947.50	EARNINGS CREDIT ALLOWANCE 0.350 %	775.68
LESS AVERAGE FLOAT	-422,484.26	TOTAL CHARGE FOR SERVICES	-2,897.25
AVERAGE COLLECTED BALANCE	2,609,463.24	NET CHARGE FOR SERVICES	-2,121.57
AVG POSITIVE COLLECTED BALANCE	2,609,463.24	***SERVICE CHARGE AMOUNT	2,121.57
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	2,609,463.24		
LESS BALANCE REQUIRED	-9,746,349.00		
NET AVAILABLE BALANCE	-7,136,885.76		
TOTAL DEFICIT BALANCE	-7,136,885.76		

*AL*  
 6/15/18

Service Charge Detail

Public Fund Analyzed Checking Account: 01892977065

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
2551	250200	ACH RECEIVED-DEBIT	75	.2000	15.00
2552	250201	ACH RECEIVED-CREDIT	2	.2000	.40
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>LOCKBOX</b>					
0301	050000	WLBX MONTHLY MAINTENANCE	4	70.0000	280.00
0310	050122	WLBX DATA CAPTURE-OCR/MICR	1,108	.0200	22.16
0315	050100	WLBX PAYMENT PROCESSED	1,108	.5500	609.40
0319	05011M	WLBX NON-PROCESSABLE	15	.5000	7.50
0322	05011R	WLBX IMAGE CAPTURE	3,886	.0500	194.30
0341	050010	RLBX MONTHLY MAINTENANCE	1	90.0000	90.00
0344	050200	RLBX DATA CAPTURE-OCR LINE	27	.0200	.54
0345	050200	RLBX REMIT PROCESSED	27	.1500	4.05
0348	05021M	RLBX NON-PROCESSABLE	1	.7500	.75
0350	05021Q	RLBX IMAGE CAPTURE	50	.0250	1.25
0370	050424	LBX ONLINE VIEWING MAINT	5	35.0000	175.00

Service Charge Detail

Public Fund Analyzed Checking Account: 01892977065

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
0371	050428	LBX ONLINE VIEWING PER IMAGE	3,936	.0500	196.80
0373	050400	LBX DATA FILE MAINT	5	25.0000	125.00
0374	050401	LBX DATA FILE PER PAYMENT	1,132	.0500	56.60
0375	050400	LBX IMAGE FILE MAINT	5	25.0000	125.00
0376	050425	LBX IMAGE FILE PER IMAGE	3,936	.0500	196.80
0388	05013H	LBX NON-PROCESSABLE MAIL RTRN	5	5.0000	25.00
0393	050105	LBX FOREIGN ITEM HANDLING	2	.6500	1.30
0499	050300	LBX DEPOSITS PROCESSED	98	.4000	39.20
0500	10022Z	LBX DEPOSITED ITEMS	1,130	.2000	226.00
0785	050030	RLBX WEB EXCEPTION MAINT	1	50.0000	50.00
0786	050100	RLBX WEB EXCEPTION PER ITEM	11	.2500	2.75
<b>AUTOMATED CLEARING HOUSE-ACH</b>					
2500	250000	ACH MONTHLY MAINT FEE	1	45.0000	45.00
<b>BUSINESS ONLINE-BOL</b>					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3730	40001Z	BOL EXPORT MAINT-BASIC	1	20.0000	20.00
3742	40027Z	BOL PREVIOUS DAY ITEMS-BASIC	201	.0000	.00
3746	400275	BOL CURRENT DAY ITEMS-BASIC	103	.0000	.00
<b>CENTRALIZED RETURNS</b>					
1141	100400	SPEC RETURNS ITEM PROCESSED	3	2.5000	7.50
<b>WIRE TRANSFER</b>					
3530	350300	WIRE-INCOMING DOMESTIC	1	8.5000	8.50
<b>REMOTE DEPOSIT-RD</b>					
3201	10130Z	RD-MONTHLY MAINT	1	60.0000	60.00
3206	10130Z	RD-MONTHLY MAINT LOCKBOX-HNB	4	35.0000	140.00
<b>INFORMATION REPORTING</b>					
4005	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	179	.2500	44.75
<b>TOTAL CHARGE FOR SERVICES</b>					<b>2,897.25</b>

Board of Deposit  
Huntington State of Ohio – Lockbox Processing 7065 - May 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
	21 01 00 00	MONTHLY SERVICE FEEUF		12	1 \$	12.00 \$	12.00 \$	
	104 01 03 07	PAPERLESS STATEMENT		0	1 \$	\$	\$	
	2551 25 02 00	ACH RECEIVED-DEBIT	0.2	75	15.00 \$	15.00 \$		
	2552 25 02 01	ACH RECEIVED-CREDIT	0.2	2	0.40 \$	0.40 \$		
	3004 30 01 00	ANALYSIS STATEMENT VIA EDI	15	1	15.00 \$	15.00 \$		
	301 05 00 00	WLBX MONTHLY MAINTENANCE	70	4	280.00 \$	280.00 \$		
	310 05 01 22	WLBX DATA CAPTURE-OCR/MICR	0.02	1108	22.16 \$	22.16 \$		
	315 05 01 00	WLBX PAYMENT PROCESSED	0.55	1108	609.40 \$	609.40 \$		
	319 05 01 1M	WLBX NON-PROCESSABLE	0.5	15	7.50 \$	7.50 \$		
	322 05 01 1R	WLBX IMAGE CAPTURE	0.05	3886	194.30 \$	194.30 \$		
	341 05 00 10	RLBX MONTHLY MAINTENANCE	90	1	90.00 \$	90.00 \$		
	344 05 02 00	RLBXDATA CAPTURE-OCR LINE	0.02	27	0.54 \$	0.54 \$		
	345 05 02 00	RLBX REMIT PROCESSED	0.15	27	4.05 \$	4.05 \$		
	348 05 02 1M	RLBX NON-PROCESSABLE	0.75	1	0.75 \$	0.75 \$		
	350 05 02 1Q	RLBX IMAGE CAPTURE	0.025	50	1.25 \$	1.25 \$		
	370 05 04 24	LBX ONLINE VIEWING MAINT	35	5	175.00 \$	175.00 \$		
	371 05 04 28	LBX ONLINE VIEWING PER IMAGE	0.05	3936	196.80 \$	196.80 \$		
	373 05 04 00	LBX DATA FILE MAINT	25	5	125.00 \$	125.00 \$		
	374 05 04 01	LBX DATA FILE PER PAYMENT	0.05	1132	56.60 \$	56.60 \$		
	375 05 04 00	LBX IMAGE FILE MAINT	25	5	125.00 \$	125.00 \$		
	376 05 04 25	LBX IMAGE FILE PER IMAGE	0.05	3936	196.80 \$	196.80 \$		
	388 05 01 3H	LBX NON-PROCESSABLE MAIL RTRN	5	5	25.00 \$	25.00 \$		
	393 05 01 05	LBX FOREIGN ITEM HANDLING	0.65	2	1.30 \$	1.30 \$		
	499 05 03 00	LBX DEPOSITS PROCESSED	0.4	98	39.20 \$	39.20 \$		
	500 10 02 22	LBXDEPOSITED ITEMS	0.2	1130	226.00 \$	226.00 \$		
	785 05 00 30	RLBX WEB EXCEPTION MAINT	50	1	50.00 \$	50.00 \$		
	786 05 01 00	RLBX WEB EXCEPTION PER ITEM	0.25	11	2.75 \$	2.75 \$		
	2500 25 00 00	ACH MONTHLY MAINT FEE	45	1	45.00 \$	45.00 \$		
	3722 40 00 22	BOL ACCOUNT MAINT-BASIC	0	1	\$	\$		
	3730 40 00 12	BOL EXPORT MAINT-BASIC	20	1	20.00 \$	20.00 \$		
	3742 40 02 72	BOL PREVIOUS DAY ITEMS-BASIC	0	201	\$	\$		
	3746 40 02 75	BOL CURRENT DAY ITEMS-BASIC	0	103	\$	\$		
	1141 10 04 00	SPEC RETURNS ITEM PROCESSED	2.5	3	7.50 \$	7.50 \$		
	3530 35 03 00	WIRE-INCOMING DOMESTIC	8.5	1	8.50 \$	8.50 \$		
	3201 10 13 02	RD-MONTHLY MAINT	60	1	60.00 \$	60.00 \$		
	3206 10 13 02	RD-MONTHLY MAINT LOCKBOX-HNB	35	4	140.00 \$	140.00 \$		
	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	0.25	179	44.75 \$	44.75 \$		
					\$	2,897.25 \$	2,897.25 \$	

Service Fee Total	\$	2,897.25
Earnings Credit Allowance	\$	775.68
<b>Total</b>	\$	<b>2,121.57</b>



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$133.89.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberlander*

SECRETARY

*June 20, 2018*

DATE

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



TREAS-ST OH TORRENS LAW ASSUR 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 05/01/2018  
 To 05/31/2018  
 Statement Date 06/08/2018

Account Summary Section

Group Account: 801891935590

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	26,298.98	EARNINGS CREDIT ALLOWANCE	7.81
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-141.70
AVERAGE COLLECTED BALANCE	26,298.98	NET CHARGE FOR SERVICES	-133.89
AVG POSITIVE COLLECTED BALANCE	26,298.98	***SERVICE CHARGE AMOUNT	133.89
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	26,298.98		
LESS BALANCE REQUIRED	-476,678.80		
NET AVAILABLE BALANCE	-450,379.82		
TOTAL DEFICIT BALANCE	-450,379.82		

Service Charge Detail

Group Account: 801891935590

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>BUSINESS SECURITY SUITE</b>					
0183	251053	ACH POS PAY-ALERTS	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
<b>BUSINESS ONLINE-BOL</b>					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
<b>INFORMATION REPORTING</b>					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
<b>TOTAL CHARGE FOR SERVICES</b>					<b>141.70</b>



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 05/01/2018  
To 05/31/2018  
Statement Date 06/08/2018  
Invoice Due Date\* 06/30/2018

\* Please remit the Total Amount Due of 395.84 before this date

**Invoice Details**

**Group:** 801891935590

Description	
Previous Balance	261.95
Account Summary of Charges	
Previous Invoice Balance	261.95
Total Past Due	261.95
Current Service Charges	133.89
<b>Total Amount Due</b>	<b>395.84</b>

Statement Period 05/01/2018 to 05/31/2018 Page 2 of 3

(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: 05/31/2018  
Invoice #: 00890000000048131

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

Payment Due on 06/30/2018  
Amount Due 395.84  
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 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 05/01/2018  
 To 05/31/2018

Statement Date 06/08/2018

Account Summary Section

Public Fund Analyzed Checking Account: 01891935590

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	26,298.98	EARNINGS CREDIT ALLOWANCE 0.350 %	7.81
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-141.70
AVERAGE COLLECTED BALANCE	26,298.98	NET CHARGE FOR SERVICES	-133.89
AVG POSITIVE COLLECTED BALANCE	26,298.98	***SERVICE CHARGE AMOUNT	133.89
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	26,298.98		
LESS BALANCE REQUIRED	-476,678.80		
NET AVAILABLE BALANCE	-450,379.82		
TOTAL DEFICIT BALANCE	-450,379.82		

*AR*  
 6/15/18

Service Charge Detail

Public Fund Analyzed Checking Account: 01891935590

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>BUSINESS SECURITY SUITE</b>					
0183	251053	ACH POS PAY-ALERTS	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
<b>BUSINESS ONLINE-BOL</b>					
3722	4000ZZ	BOL ACCOUNT MAINT-BASIC	1	.0000	.00
3742	400272	BOL PREVIOUS DAY ITEMS-BASIC	22	.0000	.00
<b>INFORMATION REPORTING</b>					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
<b>TOTAL CHARGE FOR SERVICES</b>					<b>141.70</b>

Board of Deposit  
Huntington Torrens Law Assurance Fund 5590 - May 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
21	01 00 00	MONTHLY SERVICE FEEÛF		12	1 \$	12.00 \$	12.00 \$	
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	669 \$	- \$	- \$	
1490	25 10 50	ACH POS PAY ONLY ACCT		15	1 \$	15.00 \$	15.00 \$	
3722	40 00 ZZ	BOL ACCOUNT MAINT-BASIC		0	1 \$	- \$	- \$	
3742	40 02 72	BOL PREVIOUS DAY ITEMS-BASIC		0	22 \$	- \$	- \$	
4005	40 00 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 \$	
					\$	141.70 \$	141.70 \$	

<b>Service Fee Total</b>	<b>\$ 141.70</b>
<b>Earnings Credit Allowance</b>	<b>\$ 7.81</b>
<b>Total</b>	<b>\$ 133.89</b>



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 [TOS –Huntington Consolidation Account] for May 2018, are \$336.70.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberland*

SECRETARY

*June 20, 2018*

DATE

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



TOS-HNB CONSOLIDATION ACCOUNT  
 30 E. BROAD ST- 10TH FLR  
 COLS, OH 43266-0421

Invoice

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

**Account Analysis Statement**

**Group:** 801892345121

Analysis Period From 05/01/2018  
 To 05/31/2018  
 Statement Date 06/08/2018

**Account Summary Section**

**Group Account:** 801892345121

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	.00	EARNINGS CREDIT ALLOWANCE	.00
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-336.70
AVERAGE COLLECTED BALANCE	.00	NET CHARGE FOR SERVICES	-336.70
AVG POSITIVE COLLECTED BALANCE	.00	***SERVICE CHARGE AMOUNT	336.70
LESS RESERVE REQUIRED	.00		
AVERAGE AVAILABLE BALANCE	.00		
LESS BALANCE REQUIRED	-1,132,658.80		
NET AVAILABLE BALANCE	-1,132,658.80		
TOTAL DEFICIT BALANCE	-1,132,658.80		

**Service Charge Detail**

**Group Account:** 801892345121

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>BUSINESS SECURITY SUITE</b>					
0183	251053	ACH POS PAY-ALERTS	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
<b>PAYMENT CENTER</b>					
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	16	5.0000	80.00
<b>AUTOMATED CLEARING HOUSE-ACH</b>					
2500	250000	ACH MONTHLY MAINT FEE	1	45.0000	45.00

**Service Charge Detail****Group Account:** 801892345121

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>BUSINESS ONLINE-BOL</b>					
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
3754	400232	BOL ITEMS EXPORTED-CSV	71	.0000	.00
<b>INFORMATION REPORTING</b>					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
<b>TOTAL CHARGE FOR SERVICES</b>					<b>336.70</b>
<b>TOTAL NO CHARGE</b>					<b>50.00</b>

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



TOS-HNB CONSOLIDATION ACCOUNT  
30 E. BROAD ST- 10TH FLR  
COLS, OH 43266-0421

Invoice

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

**Account Analysis Statement**

**Group:** 801892345121

**Account:** 01892345121

Analysis Period From 05/01/2018  
To 05/31/2018  
Statement Date 06/08/2018  
Invoice Due Date\* 06/30/2018

\* Please remit the Total Amount Due of 1,176.15 before this date

**Invoice Details**

**Group:** 801892345121

Description	
Previous Balance	839.45
Account Summary of Charges	
Previous Invoice Balance	839.45
Total Past Due	839.45
Current Service Charges	336.70
<b>Total Amount Due</b>	<b>1,176.15</b>

Statement Period 05/01/2018 to 05/31/2018 Page 3 of 5

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

TOS-HNB CONSOLIDATION ACCOUNT  
30 E. BROAD ST- 10TH FLR  
COLS, OH 43266-0421

Group #:801892345121  
Invoice Date: 05/31/2018  
Invoice #: 008900000000048187

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

Payment Due on 06/30/2018  
Amount Due 1,176.15  
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



TOS-HNB CONSOLIDATION ACCOUNT  
 CONSOLIDATION ACCOUNT  
 30 E. BROAD ST- 10TH FLR  
 COLS, OH 43266-0421

Invoice

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

Account Analysis Statement

Group: 801892345121

Account: 01892345121

Analysis Period From 05/01/2018  
 To 05/31/2018  
 Statement Date 06/08/2018

Account Summary Section

Public Fund Analyzed Checking Account: 01892345121

Balance Analysis		Service Charge Analysis	
AVERAGE BALANCE	.00	EARNINGS CREDIT ALLOWANCE 0.350 %	.00
LESS AVERAGE FLOAT	.00	TOTAL CHARGE FOR SERVICES	-336.70
AVERAGE COLLECTED BALANCE	.00	NET CHARGE FOR SERVICES	-336.70
AVG POSITIVE COLLECTED BALANCE	.00	***SERVICE CHARGE AMOUNT	336.70
LESS RESERVE REQUIRED @	.00		
AVERAGE AVAILABLE BALANCE	.00		
LESS BALANCE REQUIRED	-1,132,658.80		
NET AVAILABLE BALANCE	-1,132,658.80		
TOTAL DEFICIT BALANCE	-1,132,658.80		

*Handwritten signature and date: JR 6/15/18*

Service Charge Detail

Public Fund Analyzed Checking Account: 01892345121

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>GENERAL ACCOUNT SERVICES</b>					
0021	010000	MONTHLY SERVICE FEE	1	12.0000	12.00
0104	010307	PAPERLESS STATEMENT	1	.0000	.00
<b>ACCOUNT ANALYSIS</b>					
3004	300100	ANALYSIS STATEMENT VIA EDI	1	15.0000	15.00
<b>BUSINESS SECURITY SUITE</b>					
0183	251053	ACH POS PAY-ALERTS	669	.0000	.00
1490	251050	ACH POS PAY ONLY ACCT	1	15.0000	15.00
<b>PAYMENT CENTER</b>					
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	16	5.0000	80.00
<b>AUTOMATED CLEARING HOUSE-ACH</b>					
2500	250000	ACH MONTHLY MAINT FEE	1	45.0000	45.00



Service Charge Detail

Public Fund Analyzed Checking Account: 01892345121

Service Code	AFP Code	Service Description	Volume	Unit Price	Charge for Service
<b>BUSINESS ONLINE-BOL</b>					
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
3754	400232	BOL ITEMS EXPORTED-CSV	71	.0000	.00
<b>INFORMATION REPORTING</b>					
4005	40001Z	INFO RPT-TRANS - MONTHLY MAINT	1	15.0000	15.00
4006	400230	INFO RPT-TRANS - PREV DAY SUMM	242	.3500	84.70
<b>TOTAL CHARGE FOR SERVICES</b>					<b>336.70</b>
<b>TOTAL NO CHARGE</b>					<b>50.00</b>

Board of Deposit  
Huntington TOS Consolidation Account 5121 - May 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
21	01 00 00	MONTHLY SERVICE FEEUF	12	1	\$ 12.00	\$ 12.00	\$ -	
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	669	\$ -	\$ -	\$ -	
1490	25 10 50	ACH POS PAY ONLYACCT	15	1	\$ 15.00	\$ 15.00	\$ -	
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	\$ -	\$ -	
2202	32 00 01	PYMNT CNTR-PREMIER ACCOUNTS	5	16	\$ 80.00	\$ 80.00	\$ -	
2500	25 00 00	ACH MONTHLY MAINT FEE	45	1	\$ 45.00	\$ 45.00	\$ -	
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	\$ -	\$ -	\$ -	
3754	40 02 32	BOL ITEMS EXPORTED-CSV	0	71	\$ -	\$ -	\$ -	
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	\$ -	
					\$ 386.70	\$ 336.70	\$ -	

<b>Service Fee Total</b>	\$	<b>336.70</b>
<b>Earnings Credit Allowance</b>	\$	<b>-</b>
<b>Total</b>	\$	<b>336.70</b>



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$11.00.

*Josh Mandel*

CHAIRMAN

*Stacey Lumbard*

SECRETARY

*June 20, 2018*

DATE



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

## Account Analysis Statement May 2018

\*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	(\$5,583.71)
Balance Deficiency/Surplus for Eligible Services	(\$5,583.71)

Billing Information	
Settlement Cycle	Monthly
Payment Method	Invoice
Billing Account	XXXXXXXX7431
Days in the Month	31

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$11.00
LESS: Earnings Credit Allowance	\$0.00
Service Charges Due	\$11.00

*JK*  
 6/15/18

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
MAY	\$0	\$0	\$0	\$5,584	\$11	\$0	\$0	\$11
APR	\$0	\$0	\$0	\$5,670	\$11	\$0	\$0	\$11
MAR	\$0	\$0	\$0	\$5,670	\$11	\$0	\$0	\$11
FEB	\$0	\$0	\$0	\$7,333	\$11	\$0	\$0	\$11
JAN	\$0	\$0	\$0	\$7,383	\$11	\$0	\$0	\$11
YTD	\$0	\$0	\$0	\$6,328	\$55	\$0	\$0	\$55

^ 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

May 2018

## 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	2.32%	\$5,584	\$0	\$11	\$0	\$0
<b>Total</b>			\$5,584	\$0	\$11	\$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	\$8.00
AFP25	General ACH Services	\$3.00
<b>Total</b>		\$11.00

### 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	\$8.00	\$8.00	\$4,060.88
01 04 40	Electronic Analysis Statement	1	\$0.00	\$0.00	\$0.00
	<b>AFP01 TOTAL</b>			\$8.00	\$4,060.88
25	General ACH Services				
25 10 52	EPA Admin Fee/Month	1	\$3.00	\$3.00	\$1,522.83
	<b>AFP25 TOTAL</b>			\$3.00	\$1,522.83
<b>Total</b>				\$11.00	\$5,583.71



# Account Analysis Statement

## May 2018

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	2.32%
Service Charge Multiplier	\$507.61
Uncollected Funds Rate	0.00%

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$11.00
Earnings Credit Allowance	(\$0.00)
Service Charges Due	\$11.00

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	\$8.00	\$8.00	\$4,060.88
01 04 40	Electronic Analysis Statement	1	\$0.00	\$0.00	\$0.00
	AFP01 TOTAL			\$8.00	\$4,060.88
25	General ACH Services				
25 10 52	EPA Admin Fee/Month	1	\$3.00	\$3.00	\$1,522.83
	AFP25 TOTAL			\$3.00	\$1,522.83
	Total			\$11.00	\$5,583.71

Board of Deposit  
KeyBank AOS Agency Collateral 7431 - May 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
RPMDAYPL	00 00 06	# POSITIVE DAYS		31	\$ -	\$ -	\$ -	-
DDAMAIN	01 00 00	MAINTENANCE		8	\$ 8.00	\$ 8.00	\$ -	-
DDAANELC	01 04 40	ELECTRONIC ANALYSIS STATEMENT		0	\$ -	\$ -	\$ -	-
DDAEPAAD	25 10 52	EPA ADMIN FEE/MONTH		3	\$ 3.00	\$ 3.00	\$ -	-
					\$ 11.00	\$ 11.00	\$ -	-
		<b>Service Fee Total</b>	\$	11.00				
		<b>Earnings Credit Allowance</b>	\$	-				
		<b>Total</b>	\$	11.00				



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$48,148.91.

*Josh Mandel*

CHAIRMAN

*Stacey Bumbelander*

SECRETARY

*June 20, 2018*

DATE



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

DATE: JUNE 11, 2018  
OFFICER: OFFICER LXM3B  
ANALYSIS PERIOD: MAY 2018  
KEY ACCOUNT: 14511001050

ACCOUNT ANALYSIS INVOICE

INVOICE NUMBER	INVOICE DATE	PAYMENT PAYMENT DATE	PAYMENT DATE	ADJUSTMENTS	OUTSTANDING INVOICE BALANCE
18030001284	04-11-18				88,783.99
18040000907	05-11-18				109,844.92
18050000880	06-11-18				48,148.91
TOTAL OUTSTANDING INVOICE BALANCES:					246,777.82
LESS TOTAL PAYMENTS RECEIVED:					.00
TOTAL AMOUNT DUE:					246,777.82

\*\* 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 \$198,628.91

---

TREASURER OF STATE	TOTAL AMOUNT DUE	246,777.82	
ACCOUNT NUMBER: 14511001050	AMOUNT ENCLOSED:	_____	
MAIL PAYMENT TO:	APPLY TO THE FOLLOWING INVOICES:		
KEYBANK NATIONAL ASSOCIATION	INVOICE NBR	INVOICE AMT	PAYMENT AMOUNT
ATTN: DEPARTMENT AA 0101	18030001284	88,783.99	_____
P O BOX 901626	18040000907	109,844.92	_____
CLEVELAND, OHIO 44190-1626	18050000880	48,148.91	_____

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 May 2018

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

Relationship Overview : \*TREASURER OF STATE

Balance Summary	
Average Ledger Balance	\$247,580,493.20
LESS: Average Float	(\$12,110,522.00)
Average Collected Balance	\$235,469,971.20
Average Negative Collected Balance	(\$3,484.12)
Average Positive Collected Balance	\$235,473,455.32
LESS: Compensating Balance	(\$224,108,356.75)
Balance Available to Support Services	\$11,365,098.57
LESS: Balance Needed To Support Services	(\$35,822,823.01)
Balance Deficiency/Surplus for Eligible Services	(\$24,457,724.44)

Billing Information	
Settlement Cycle	Monthly
Payment Method	Invoice
Billing Account	XXXXXXXX1050
Days in the Month	31

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$70,571.87
LESS: Adjustment	(\$33.75)
Adjusted Service Charges Eligible for Earnings Credit	\$70,538.12
LESS: Earnings Credit Allowance	(\$22,389.21)
Service Charges Due	\$48,148.91

*Handwritten signature/initials*

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

Trend Analysis <sup>^</sup>								
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
MAY	\$247,580,493	\$235,469,971	\$11,365,099	\$35,822,823	\$70,572	\$22,389	\$0	\$48,149
APR	\$257,407,425	\$220,634,392	\$12,861,887	\$69,482,306	\$134,797	\$24,952	\$0	\$109,845
MAR	\$206,074,351	\$196,053,416	\$14,727,704	\$60,492,030	\$117,356	\$28,572	\$0	\$88,784
FEB	\$145,663,842	\$139,207,323	\$12,686,132	\$86,520,076	\$129,782	\$19,029	\$0	\$110,753
JAN	\$165,385,590	\$143,763,778	\$11,848,259	\$42,271,509	\$62,985	\$17,654	\$0	\$45,331
YTD	\$204,422,340	\$187,025,776	\$12,697,816	\$58,917,749	\$515,491	\$112,596	\$0	\$402,861

<sup>^</sup> 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: 63

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	2.32%	\$20,813,209	\$0	\$41,002	\$0	\$0
14511001100	TREASURER OF STATE	2.32%	\$297,388	\$565	\$586	\$0	\$1
14511001225	TREASURER OF STATE	2.32%	\$90,753	\$0	\$179	\$0	\$0
14511002447	TREASURER OF STATE	2.32%	\$7,881	\$0	\$16	\$0	\$0
14511002454	TREASURER OF STATE	2.32%	\$8,008	\$0	\$16	\$0	\$0
14511002462	TREASURER OF STATE	2.32%	\$17,119	\$0	\$34	\$0	\$0
14511002470	TREASURER OF STATE	2.32%	\$97,791	\$0	\$193	\$0	\$0
14511002488	TREASURER OF STATE	2.32%	\$2,053,460	\$0	\$4,045	\$0	\$0
354511001688	TREASURER OF STATE	2.32%	\$11,129	\$0	\$22	\$0	\$0
354511002793	TREASURER OF STATE	2.32%	\$7,716	\$0	\$15	\$0	\$0
359681004818	TREASURER OF STATE	2.32%	\$152,752	\$0	\$301	\$0	\$0
359681036752	TREASURER OF STATE	2.32%	\$7,614	\$0	\$15	\$0	\$0
359681092367	TREASURER OF STATE	2.32%	\$478,702	\$0	\$943	\$0	\$0
359681099438	TREASURER OF STATE	2.32%	\$9,568	\$0	\$19	\$0	\$0
359681107165	TREASURER OF STATE	2.32%	\$5,863	\$0	\$12	\$0	\$0
359681113973	TREASURER OF STATE	2.32%	\$13,109	\$0	\$26	\$0	\$0
359681120929	TREASURER OF STATE	2.32%	\$91,243	\$0	\$180	\$0	\$0
359681120952	TREASURER OF STATE	2.32%	\$47,068	\$0	\$93	\$0	\$0
359681129375	TREASURER OF STATE	2.32%	\$16,028	\$0	\$32	\$0	\$0
359681130506	TREASURER OF STATE	2.32%	\$99,999	\$0	\$197	\$0	\$0
359681147740	TREASURER OF STATE	2.32%	\$5,736	\$54	\$11	\$0	\$0
359681150413	TREASURER OF STATE	2.32%	\$16,147	\$0	\$32	\$0	\$0
359681156428	TREASURER OF STATE	2.32%	\$10,406	\$0	\$21	\$0	\$0
359681163028	TREASURER OF STATE	2.32%	\$5,584	\$923	\$11	\$0	\$2
359681172128	TREASURER OF STATE	2.32%	\$5,584	\$4,138	\$11	\$0	\$8
359681172136	TREASURER OF STATE	2.32%	\$5,584	\$1,173	\$11	\$0	\$2
359681177572	TREASURER OF STATE	2.32%	\$9,442	\$0	\$19	\$0	\$0
359681181921	TREASURER OF STATE	2.32%	\$145,024	\$0	\$286	\$0	\$0
359681183448	TREASURER OF STATE	2.32%	\$7,881	\$0	\$16	\$0	\$0
359681197869	TREASURER OF STATE	2.32%	\$36,129	\$609,677	\$71	\$0	\$1,201
359681211991	STATE OF OHIO OBM WELFARE	2.32%	\$2,647,668	\$0	\$5,216	\$0	\$0
359681212064	STATE OF OHIO OBM MEDICAID	2.32%	\$978,837	\$0	\$1,928	\$0	\$0
359681212072	STATE OF OHIO OBM VENDOR	2.32%	\$1,983,486	\$0	\$3,908	\$0	\$0
359681237483	TREASURER OF STATE	2.32%	\$7,893	\$0	\$16	\$0	\$0
359681237491	TREASURER OF STATE	2.32%	\$45,824	\$80,028	\$90	\$0	\$158
359681245668	STATE OF OHIO	2.32%	\$2,617,897	\$0	\$5,157	\$0	\$0
359681245692	STATE OF OHIO	2.32%	\$1,943,943	\$0	\$3,830	\$0	\$0
359681296968	TREASURER OF STATE	2.32%	\$9,035	\$0	\$18	\$0	\$0
359681318788	STATE OF OHIO	2.32%	\$20,038	\$0	\$39	\$0	\$0
359681324307	OHIO DEPARTMENT OF	2.32%	\$12,259	\$0	\$24	\$0	\$0
359681341533	OHIO DEPARTMENT OF	2.32%	\$11,358	\$0	\$22	\$0	\$0
359681341541	OHIO DEPARTMENT OF	2.32%	\$39,581	\$0	\$78	\$0	\$0
359681342838	STATE OF OHIO	2.32%	\$4,391	\$10,668,541	\$9	\$0	\$21,017
359681362950	TREASURER OF STATE	2.32%	\$10,812	\$0	\$21	\$0	\$0
359681362968	TREASURER OF STATE	2.32%	\$12,424	\$0	\$24	\$0	\$0
359681367348	TREASURER OF STATE	2.32%	\$8,096	\$0	\$16	\$0	\$0
359681367355	TREASURER OF STATE	2.32%	\$7,792	\$0	\$15	\$0	\$0
359681367363	TREASURER OF STATE	2.32%	\$8,337	\$0	\$16	\$0	\$0



Relationship Summary

Relationship Name : \*TREASURER OF STATE

Accounts Analyzed^ - Continued

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
359681375382	TREASURER OF STATE	2.32%	\$7,843	\$0	\$15	\$0	\$0
359681395919	STATE OF OHIO DAS	2.32%	\$11,726	\$0	\$23	\$0	\$0
359681398533	TREASURER OF STATE	2.32%	\$6,091	\$0	\$12	\$0	\$0
359681398541	TREASURER OF STATE	2.32%	\$7,614	\$0	\$15	\$0	\$0
359681409108	TREASURER OF STATE	2.32%	\$7,640	\$0	\$15	\$0	\$0
359681409116	TREASURER OF STATE	2.32%	\$10,736	\$0	\$21	\$0	\$0
359681415592	TREASURER OF STATE	2.32%	\$267,828	\$0	\$528	\$0	\$0
359681435707	TREASURER OF STATE	2.32%	\$18,756	\$0	\$37	\$0	\$0
359681481164	TREASURER OF STATE	2.32%	\$466,128	\$0	\$918	\$0	\$0
359681492963	TREASURER OF STATE	2.32%	\$7,614	\$0	\$15	\$0	\$0
Sub Total			\$35,755,565	\$11,365,099	\$70,439	\$0	\$22,389

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
359681260766	TREASURER OF STATE	2.32%	\$10,660	\$0	\$21	\$0	\$0
359681261657	TREASURER OF STATE	2.32%	\$10,660	\$0	\$21	\$0	\$0
359681261665	TREASURER OF STATE	2.32%	\$10,660	\$0	\$21	\$0	\$0
359683018600	TREASURER OF STATE	2.32%	\$24,619	\$0	\$49	\$0	\$0
359683035281	TREASURER OF STATE	2.32%	\$10,660	\$0	\$21	\$0	\$0
Sub Total			\$67,258	\$0	\$133	\$0	\$0
Total			\$35,822,823	\$11,365,099	\$70,572	\$0	\$22,389

^ 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
AFP00	Balance & Compensation Information	\$0.00
AFP01	General Account Services	\$898.00
AFP05	Lockbox Services	\$10.00
AFP10	Depository Services	\$18,909.62
AFP15	Paper Disbursement Services	\$339.10
AFP20	Paper Disb. Reconciliation Services	\$115.26
AFP25	General ACH Services	\$39,411.48
AFP26	ACH Concentration Services	\$0.00
AFP30	EDI Payment Services	\$200.18
AFP35	Wire and Other Funds Xfer Services	\$4,336.00
AFP40	Information Services	\$6,352.23
AFP45	Investment/Custody Services	\$0.00
AFP99	Undefined Services	\$0.00
Total		\$70,571.87



Relationship Summary

Relationship Name : \*TREASURER OF STATE

<b>Service Activity Details</b>					
<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>
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	63	\$8.00	\$504.00	\$255,835.44
01 00 99	ZBA Concentration Account	6	\$10.00	\$60.00	\$30,456.60
01 00 99	ZBA Subsidiary Accounts	49	\$4.00	\$196.00	\$99,491.56
01 02 02	KeyNav ZBA Report	1	\$0.00	\$0.00	\$0.00
01 03 00	DDA Paper Statement	13	\$6.00	\$78.00	\$39,593.58
01 03 07	KeyNav Corp Banking Statement	124	\$0.00	\$0.00	\$0.00
01 03 99	DDA Stmt Special Cut	6	\$5.00	\$30.00	\$15,228.30
01 03 99	Statement Duplicate Copy	3	\$10.00	\$30.00	\$15,228.30
01 04 07	KeyNav Analysis Statement	1	\$0.00	\$0.00	\$0.00
01 04 40	Electronic Analysis Statement	1	\$0.00	\$0.00	\$0.00
01 04 47	KeyNav RPM 822 Statement	1	\$0.00	\$0.00	\$0.00
	AFP01 TOTAL			\$898.00	\$455,833.78
05	Lockbox Services				
05 04 00	KeyNav Receivables Base Fee	1	\$5.00	\$5.00	\$2,538.05
05 04 24	KeyNav LBX Image Base Fee	1	\$5.00	\$5.00	\$2,538.05
	AFP05 TOTAL			\$10.00	\$5,076.10
10	Depository Services				
10 00 00	Branch Deposited Cash	24,850.30	\$0.0005	\$12.43	\$6,307.10
10 01 00	Vault Deposited Cash	409,234.61	\$0.0005	\$204.62	\$103,865.79
10 02 00	Deposits BranchNight Drop Tkt	139	\$0.08	\$11.12	\$5,644.60
10 02 00	Deposits Key Capture Ticket	656	\$0.08	\$52.48	\$26,639.36
10 02 00	Deposits Key Image Cash Letter	95	\$0.08	\$7.60	\$3,857.83
10 02 00	Deposits Vault Ticket	33	\$0.08	\$2.64	\$1,340.09
10 02 1B	Electronic Item Clearing Fee	20,714	\$0.07	\$1,449.98	\$736,024.34
10 02 1B	ICL Clear Agent	111,224	\$0.07	\$7,785.68	\$3,952,089.02
10 02 1B	RDC Scanned Item	20,714	\$0.01	\$207.14	\$105,146.33
10 02 10	ICL On-U's	14,746	\$0.03	\$442.38	\$224,556.51
10 02 18	ICL Direct Send	172,635	\$0.03	\$5,179.05	\$2,628,937.57
10 02 24	Branch Per Item Charge	417	\$0.10	\$41.70	\$21,167.32
10 03 10	Canadian Deposited Item	1	\$2.50	\$2.50	\$1,269.02
10 04 00	Check Charge Backs	644	\$1.00	\$644.00	\$326,900.84
10 04 02	Redeposited Returned	622	\$1.50	\$933.00	\$473,600.13
10 04 16	KeyNav Return Item Report	1	\$5.00	\$5.00	\$2,538.05
10 04 16	Return Advice Image Inquiry	1	\$0.00	\$0.00	\$0.00
10 04 16	Return Item Image	101	\$0.50	\$50.50	\$25,634.30
10 06 00	Deposit Recon Maintenance	1	\$10.00	\$10.00	\$5,076.10
10 06 10	Deposit Recon Per Deposit	58	\$0.10	\$5.80	\$2,944.13
10 99 99	ICL Monthly Fee	2	\$100.00	\$200.00	\$101,522.00
10 99 99	RDC Monthly Fee	54	\$28.00	\$1,512.00	\$767,506.32
10 99 99	RDC Reporting Module	1	\$0.00	\$0.00	\$0.00



Relationship Summary

Relationship Name : \*TREASURER OF STATE

<b>Service Activity Details - Continued</b>					
<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 99 99	RDC Setup Fee	6	\$25.00	\$150.00	\$76,141.50
	AFP10 TOTAL			\$18,909.62	\$9,598,708.25
15	Paper Disbursement Services				
15 00 30	Positive Pay Maintenance	2	\$5.00	\$10.00	\$5,076.10
15 01 00	Checks/Debits Paid	3,252	\$0.045	\$146.34	\$74,283.64
15 01 20	Positive Pay Per Item	3,263	\$0.02	\$65.26	\$33,126.62
15 03 22	Pospay/ Pymt Protection Return	22	\$0.00	\$0.00	\$0.00
15 04 10	KeyNav Stop Payment Entry	47	\$2.50	\$117.50	\$59,644.17
	AFP15 TOTAL			\$339.10	\$172,130.53
20	Paper Disb. Reconciliation Services				
20 00 10	Reconciliation Maintenance	2	\$10.00	\$20.00	\$10,152.20
20 01 10	Reconciliation Per Item	3,263	\$0.02	\$65.26	\$33,126.62
20 02 01	ARP Weekly Trans Input/Month	1	\$20.00	\$20.00	\$10,152.20
20 03 24	ARP Recon Paper Report	1	\$10.00	\$10.00	\$5,076.10
	AFP20 TOTAL			\$115.26	\$58,507.12
25	General ACH Services				
25 00 00	ACH Monthly Fee	10	\$10.00	\$100.00	\$50,761.00
25 01 00	Orig ACH Dr Via Direct Send	325,162	\$0.025	\$8,129.09	\$4,126,387.01
25 01 00	Originated ACH DB Via KeyNav	172	\$0.025	\$4.31	\$2,182.72
25 01 01	ACH Tax Payment Via KeyNav	3	\$0.025	\$0.08	\$38.07
25 01 01	Orig ACH Cr Via Direct Send	404,683	\$0.025	\$10,117.09	\$5,135,528.41
25 01 01	Originated ACH Cr Via KeyNav	21	\$0.025	\$0.53	\$266.49
25 01 20	ACH Addenda Originated	263,880	\$0.025	\$6,597.01	\$3,348,703.14
25 01 40	Originated Late File Surcharge	86	\$0.75	\$64.50	\$32,740.84
25 02 00	Incoming ACH Debit Item	27	\$0.025	\$0.69	\$342.63
25 02 01	Incoming ACH Credit Item	83,735	\$0.025	\$2,093.50	\$1,062,617.91
25 02 01	Incoming lat Credit Item	1	\$0.025	\$0.03	\$12.69
25 02 20	ACH Received Addenda	91,803	\$0.025	\$2,295.15	\$1,165,002.95
25 03 02	ACH Return Items	4,482	\$0.50	\$2,241.00	\$1,137,553.95
25 03 02	Unauthorized ACH Item Return	241	\$0.00	\$0.00	\$0.00
25 04 01	CAR,Noc,Rtn Rpt Via E-Mail	375	\$4.00	\$1,500.00	\$761,415.00
25 05 01	ACH Data Transmission	336	\$5.00	\$1,680.00	\$852,784.80
25 06 40	ACH Reversal Or Deletion	21	\$10.00	\$210.00	\$106,598.10
25 07 01	CAR Report Via KeyNav IR	1	\$0.00	\$0.00	\$0.00
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	60	\$3.00	\$180.00	\$91,369.80
25 10 70	ACH Noc	8,157	\$0.50	\$4,078.50	\$2,070,287.35
25 11 00	ACH Direct Monthly Maint	1	\$15.00	\$15.00	\$7,614.15
25 11 00	KeyNav ACH Monthly Base Fee	1	\$15.00	\$15.00	\$7,614.15
25 99 99	ACH Letter of Indemnity	3	\$30.00	\$90.00	\$45,684.90
	AFP25 TOTAL			\$39,411.48	\$20,005,506.06
26	ACH Concentration Services				



# Account Analysis Statement May 2018

## Relationship Summary

Relationship Name : \*TREASURER OF STATE

### Service Activity Details - Continued

Service Codes	Services	Quantity	Unit Price	Total Service Charges	Balance Needed To Support 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	\$5,076.10
30 02 10	EDI Translation Fee/1000 Chara	1,407	\$0.025	\$35.18	\$17,855.17
30 02 25	KeyNav Intraday EDI Remit Rpt	1	\$45.00	\$45.00	\$22,842.45
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	\$55,837.10
	AFP30 TOTAL			\$200.18	\$101,610.82
35	Wire and Other Funds Xfer Services				
35 01 00	KeyNav Domestic Repeat	6	\$5.00	\$30.00	\$15,228.30
35 01 03	KeyNav Domestic Nonrepeat	19	\$5.00	\$95.00	\$48,222.95
35 01 04	Batch Wire Domestic	3	\$8.00	\$24.00	\$12,182.64
35 01 13	KeyNav International Nonrepeat	3	\$10.00	\$30.00	\$15,228.30
35 01 20	KeyNav Internal Repeat	22	\$3.50	\$77.00	\$39,085.96
35 01 23	KeyNav Internal Nonrepeat	4	\$3.50	\$14.00	\$7,106.53
35 01 24	Batch Wire Internal Nonrepeat	57	\$2.00	\$114.00	\$57,867.54
35 03 00	Incoming Domestic Wire Manual	3	\$8.00	\$24.00	\$12,182.64
35 03 00	Incoming Domestic Wire Stp	486	\$8.00	\$3,888.00	\$1,973,587.68
35 04 11	Wire Mail Advice For Incoming	3	\$5.00	\$15.00	\$7,614.15
35 06 00	KeyNav Wire Maintenance	1	\$25.00	\$25.00	\$12,690.25
35 40 0Z	KeyNav In/Out Wire Rpt	1	\$0.00	\$0.00	\$0.00
	AFP35 TOTAL			\$4,336.00	\$2,200,996.94
40	Information Services				
40 00 12	KeyNav BAI2 Previous Day File	1	\$2.50	\$2.50	\$1,269.02
40 00 15	KeyNav BAI2 Intraday File	1	\$2.50	\$2.50	\$1,269.02
40 00 52	KeyNav Previous Day Report	124	\$0.00	\$0.00	\$0.00
40 00 55	KeyNav Intraday Report	124	\$0.00	\$0.00	\$0.00
40 01 10	BAI File Transfer Per Acct	155	\$5.00	\$775.00	\$393,397.75
40 01 10	BAI File Xfer Per Detail	181,613	\$0.014	\$2,542.58	\$1,290,640.04
40 01 10	BAI Per File Transfer Fee	70	\$2.50	\$175.00	\$88,831.75
40 02 10	KeyNav Online Access	3	\$0.00	\$0.00	\$0.00
40 02 71	KeyNav Pre Day Detail Items	91,883	\$0.016	\$1,470.13	\$746,251.67
40 02 74	KeyNav Intraday Detail Items	86,001	\$0.016	\$1,376.02	\$698,479.48
40 08 00	Long-Term Image Access	17	\$0.50	\$8.50	\$4,314.68
	AFP40 TOTAL			\$6,352.23	\$3,224,453.41
45	Investment/Custody Services				
45 04 03	KeyNav Investments Confirm Rpt	1	\$0.00	\$0.00	\$0.00
	AFP45 TOTAL			\$0.00	\$0.00
99	Undefined Services				



Relationship Summary

Relationship Name : \*TREASURER OF STATE

<b>Service Activity Details - Continued</b>						
<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>	
99 99 99	Public Reloadable	5	\$0.00	\$0.00		\$0.00
	AFP99 TOTAL			\$0.00		\$0.00
	<b>Total</b>			<b>\$70,571.87</b>		<b>\$35,822,823.01</b>















\$.32 rounding diff added to the calculated total  
\$45 incorr chrg - will be credited on the June  
statement, also added to the calculated total  
\$33.75 incorr chrg from May is credited on this  
statement. Subtracted from the calculated total

Total		\$	70,571.87	\$	70,526.55	\$	45.32
Service Fee Total	\$	70,538.12					
Earnings Credit Allowance	\$	<u>22,389.21</u>					
Total	\$	48,148.91					



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$8,079.17.

*Josh Mandel*

CHAIRMAN

*Stacey Lumberlander*

SECRETARY

*June 25, 2018*

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:04/30/2018 - 05/31/2018

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: 0001CEJ33000

Billing Account Number: 0900160

Invoice Date: 06/05/2018

Payment Due Date: 07/05/2018

Invoice for Services and Expenses

Amount Due	Service Charges	Expense Disbursements	Refunds	Total
Outstanding Balance from Prior Invoice	16,193.98	0.00	0.00	16,193.98
Current Fees for Services and Expenses	8,091.17	0.00	12.00	8,079.17
Less Fee Collections	16,193.98	0.00	0.00	16,193.98
<b>Please Pay this Amount</b>	<b>8,091.17</b>	<b>0.00</b>	<b>12.00</b>	<b>8,079.17</b>

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  
 Return to KeyBank

001-06052018-000112

*Handwritten notes:*  
 6/25/18  
 WJF  
 6/12/18





Revenue Administration  
 OH-01-49-0353  
 4900 Tiedeman Road  
 Brooklyn, OH 44114

**Fee Invoice**  
 STATE OF OH-REGULAR INVE 0900160  
 Services Provided for the Period: 04/30/2018 - 05/31/2018

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: 0001CEJ33000      Billing Account Number: 0900160      Invoice Date: 06/05/2018      Payment Due Date: 07/05/2018

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	4,305,645,650
0900160.2	STATE OF OH-REGULAR INVEST CORP PRI USD	900,298,216
0900160.4	STATE OF OH-REGULAR CORE PRI USD	2,022,162,842
0900160.5	STATE OF OHIO-REGULAR INVT-TRES PRI USD	1,704,108,650
0900160.6	STATE OF OH-STRUCTURED INVT MISC PRI USD	331,038,522
0900160.8	STATE OF OH-OLC MEGA MILLIONS PRI USD	98,224,338
<b>Total Market Value for Fee Purposes</b>		<b>9,361,478,218</b>

Invoice for Services and Expenses

Amount Due	Service Charges	Expense Disbursements	Fee Refunds	Total
Outstanding Balance from Prior Invoice	16,193.98	0.00	0.00	16,193.98
Current Fees for Services and Expenses	8,091.17	0.00	12.00	8,079.17
Less: Fee Collections	16,193.98	0.00	0.00	16,193.98
<b>Please Pay this Amount</b>	<b>8,091.17</b>	<b>0.00</b>	<b>12.00</b>	<b>8,079.17</b>

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

001-066052018-000112





**Fee Invoice**  
 STATE OF OH-REGULAR INVE 0900160  
 Services Provided for the Period: 04/30/2018 - 05/31/2018

## Invoice for Service and Expenses

Invoice Reference No: 0001CEJ33000

Billing Account Number: 0900160

Invoice Date: 06/05/2018

Payment Due Date: 07/05/2018

### 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	3,996.64	0.00	3,996.64
0900160.2	STATE OF OH-REGULAR INVEST CORP PRI USD	724.74	0.00	724.74
0900160.4	STATE OF OH-REGULAR CORE PRI USD	1,624.88	0.00	1,624.88
0900160.5	STATE OF OHIO-REGULAR INVT-TRES PRI USD	1,377.08	0.00	1,377.08
0900160.6	STATE OF OH-STRUCTURED INVT MISC PRI USD	286.07	0.00	286.07
0900160.8	STATE OF OH-OLC MEGA MILLIONS PRI USD	81.76	0.00	81.76
<b>Total Current Charges and Expenses</b>		<b>8,091.17</b>	<b>0.00</b>	<b>8,091.17</b>



Invoice for Service and Expenses

Invoice Reference No: 0001CEJ33000

Billing Account Number: 0900160

Invoice Date: 06/05/2018

Payment Due Date: 07/05/2018

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	4,305,645,650	45.99%	3,408.64
0900160.2	STATE OF OH-REGULAR INVEST CORP PRI USD	900,298,216	9.62%	712.74
0900160.4	STATE OF OH-REGULAR CORE PRI USD	2,022,162,842	21.60%	1,600.88
0900160.5	STATE OF OHIO-REGULAR INVT-TRES PRI USD	1,704,108,650	18.20%	1,349.08
0900160.6	STATE OF OH-STRUCTURED INVT MISC PRI USD	331,038,522	3.54%	262.07
0900160.8	STATE OF OH-OLC MEGA MILLIONS PRI USD	96,224,338	1.05%	77.76
<b>Total Fee for the Period</b>				<b>9,361,478,218 100.00% 7,411.17</b>

Fee Calculations

Fee Period: 04/30/2018 to 05/31/2018

Rate	Charge Breakpoint	Quantity	Estimated Annual Fee
0.0000095	1,000	1,000	0.01
0.0000095	0	9,361,477,218	88,934.03
<b>Total</b>			<b>88,934.04</b>
<b>Total Fee for the Period</b>			<b>7,411.17</b>

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	81	77.88%	324.00
0900160.2	STATE OF OH-REGULAR INVEST CORP PRI USD	3	2.88%	12.00
0900160.4	STATE OF OH-REGULAR CORE PRI USD	6	5.77%	24.00
0900160.5	STATE OF OHIO-REGULAR INVT-TRES PRI USD	7	6.73%	28.00
0900160.6	STATE OF OH-STRUCTURED INVT MISC PRI USD	6	5.77%	24.00
0900160.8	STATE OF OH-OLC MEGA MILLIONS PRI USD	1	0.96%	4.00

Fee Calculations

Fee Period: 04/30/2018 to 05/31/2018

Rate	Charge Breakpoint	Quantity	Estimated Annual Fee
4	0	104	416.00
<b>Total</b>			<b>416.00</b>
<b>Total Fee for the Period</b>			<b>416.00</b>





Invoice Reference No: 0001CEJ33000

Billing Account Number: 0900160

Invoice Date: 06/05/2018

Payment Due Date: 07/05/2018

**Summary of Current Charges and Expenses**

Base Currency: USD

**Allocation of Fee to Portfolios**

Portfolio Number	Name of Portfolio	Quantity	Percent of Total	Fee for the Period
		104	100.00%	416.00
<b>Total Fee for the Period</b>				<b>416.00</b>

**Depository Ineligible Trades - \$12**

Fee Period: 04/30/2018 to 05/31/2018

**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	22	100.00%	264.00
<b>Total Fee for the Period</b>		<b>22</b>	<b>100.00%</b>	<b>264.00</b>

**Fee Calculations**

Rate	Charge Breakpoint	Quantity	Estimated Annual Fee
12	0	22	264.00
<b>Total</b>		<b>22</b>	<b>264.00</b>
<b>Total Fee for the Period</b>			<b>264.00</b>

**Total Current Charges and Expenses**

8,079.17

**Invoice Total**

8,079.17



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 May 2018, are \$13,048.88.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberland*

SECRETARY

*June 20, 2018*

DATE



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

## Account Analysis Statement May 2018

\*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	\$2,562.88
LESS: Average Float	(\$0.00)
Average Collected Balance	\$2,562.88
Average Positive Collected Balance	\$2,562.88
Balance Available to Support Services	\$2,562.88
LESS: Balance Needed To Support Services	(\$6,626,297.79)
Balance Deficiency/Surplus for Eligible Services	(\$6,623,734.91)

Billing Information	
Settlement Cycle	Monthly
Payment Method	Invoice
Billing Account	XXXXXXXX6396
Days in the Month	31

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$13,053.92
LESS: Earnings Credit Allowance	(\$5.04)
Service Charges Due	\$13,048.88

*AR 6/15/18*

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
MAY	\$2,563	\$2,563	\$2,563	\$6,626,298	\$13,054	\$5	\$0	\$13,049
APR	\$2,563	\$2,563	\$2,563	\$8,229,592	\$15,966	\$5	\$0	\$15,961
MAR	(\$450,710)	(\$450,710)	\$2,232	\$6,914,739	\$13,415	\$4	\$0	\$13,410
FEB	(\$270,666)	(\$270,666)	\$2,471	\$5,795,452	\$8,693	\$4	\$0	\$8,690
JAN	\$2,563	\$2,563	\$2,563	\$3,210,811	\$4,784	\$4	\$0	\$4,780
YTD	(\$142,737)	(\$142,737)	\$2,478	\$6,155,378	\$55,912	\$22	\$0	\$55,890

^ 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 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	2.32%	\$6,626,298	\$2,563	\$13,054	\$0	\$5
Total			\$6,626,298	\$2,563	\$13,054	\$0	\$5

^ 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
AFP00	Balance & Compensation Information	\$0.00
AFP01	General Account Services	\$0.00
AFP25	General ACH Services	\$0.00
AFP99	Undefined Services	\$13,053.92
Total		\$13,053.92

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	372,969	\$0.035	\$13,053.92	\$6,626,297.79
	AFP99 TOTAL			\$13,053.92	\$6,626,297.79
Total				\$13,053.92	\$6,626,297.79





# Account Analysis Statement

May 2018

Account Detail

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

AA

Account Number: 149681006396

Balance Summary	
Average Ledger Balance	\$2,562.88
LESS: Average Float	(\$0.00)
Average Collected Balance	\$2,562.88
Average Positive Collected Balance	\$2,562.88
Balance Available to Support Services	\$2,562.88

Rate and Other Information	
Earnings Credit Rate	2.32%
Service Charge Multiplier	\$507.61
Uncollected Funds Rate	0.00%

Service Charge Summary	
Service Charges Eligible for Earnings Credit	\$13,053.92
Earnings Credit Allowance	(\$5.04)
Service Charges Due	\$13,048.88

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	372,969	\$0.035	\$13,053.92	\$6,626,297.79
	AFP99 TOTAL			\$13,053.92	\$6,626,297.79
	Total			\$13,053.92	\$6,626,297.79

Board of Deposit

KeyBank State Regular Account 6396 - May 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
DDAWARIM	99 99 99	WARRANT IMAGES DELIVERED	\$ 0.035	372,969	\$ 13,053.92	\$ 13,053.92	\$ -	Amounts taken from KTT analysis statement-not generated from 822 file. Fees verified with the BSA fee schedule. Quantity verified with Acctg Dept analysis.
					\$ 13,053.92	\$ 13,053.92	\$ -	
Service Fee Total			\$	13,053.92				
Earnings Credit Allowance			\$	5.04				
Total			\$	13,048.88				

Key Bank Account Analysis Verification - May 2018

Date	Key Bank File	Daily Reports	Difference
5/1/18	36,477	36,477	-
5/2/18	23,914	23,914	-
5/3/18	18,936	18,936	-
5/4/18	23,279	23,279	-
5/7/18	38,316	38,316	-
5/8/18	28,707	28,707	-
5/9/18	16,847	16,847	-
5/10/18	11,866	11,866	-
5/11/18	11,566	11,566	-
5/14/18	19,190	19,190	-
5/15/18	17,536	17,536	-
5/16/18	11,630	11,630	-
5/17/18	8,820	8,820	-
5/18/18	8,542	8,542	-
5/21/18	14,535	14,535	-
5/22/18	14,666	14,666	-
5/23/18	11,018	11,018	-
5/24/18	7,822	7,822	-
5/25/18	8,106	8,106	-
5/29/18	16,090	16,090	-
5/30/18	14,738	14,738	-
5/31/18	10,368	10,368	-
			-
	372,969	372,969	-

Verified by:





# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 January 2018, are \$970.58.

*Josh Mandel*

CHAIRMAN

*Stacey Cumberland*

SECRETARY

*June 20, 2018*

DATE

PNC Bank, N.A.  
P.O. Box 821523  
Philadelphia, PA 19182-1523



Invoice Date	02-13-18
Invoice Number	0118716879
Customer Number	0001629970
Cost Center	070-0005063
New Balance	970.58

STATE OF OHIO  
ODNR MINE SUBSTANCE INS FUND  
ATTN KYANA PIERSON  
30 E BROAD ST 9TH FLOOR  
COLUMBUS OH 43215

REVISED INVOICE

**Account Analysis Service Charge**

Date	Description	Amount
02-13-18	CHARGE FOR SERVICES	971.83
04-25-18	ADJUSTMENT	-1.25
PAY THIS AMOUNT		970.58

**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	02-13-18
Invoice Number	0118716879
Customer Number	0001629970
Cost Center	070-0005063
New Balance	970.58

**Account Analysis Service Charge**

Date	Description	Amount
02-13-18	CHARGE FOR SERVICES	971.83
04-25-18	ADJUSTMENT	-1.25
PAY THIS AMOUNT		970.58



Visit us at [pnc.com](http://pnc.com)

Page 1 of 6

ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR COLUMBUS OH 43215	ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518	01/01/2018 to 01/31/2018
		STATEMENT DATE
		FEBRUARY 13, 2018

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.



Visit us at pnc.com

ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR 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	01/01/2018 to 01/31/2018
		STATEMENT DATE
		FEBRUARY 13, 2018

CURRENT MONTHLY BALANCE & COMPENSATION			
AVERAGE LEDGER BALANCE	46,992.27	EARNINGS ALLOWANCE (0.650 %)	24.77
LESS: DEPOSIT FLOAT	2,124.29	TOTAL ANALYZED CHARGES	996.60
AVERAGE COLLECTED BALANCE	44,867.98	EXCESS/(DEFICIT) FEES	971.83
LESS: RESERVES( 0.00 %)	0.00	TOTAL AMOUNT DUE	971.83
INVESTABLE BALANCE	44,867.98		(INVOICE)
COLLECTED BALANCE REQUIRED	1,805,251.21		
EXCESS/(DEFICIT) BALANCE	1,760,383.23-		

EARNINGS CREDIT RATE IS TIERED. THE HIGHEST TIER EARNINGS CREDIT RATE FOR NEXT MONTH IS: 650000 %

\$1811.41 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	9,057.05
				<u>\$5.00</u>	<u>\$9,057.05</u>
REMOTE DEPOSIT RELATED SERVICES					
REMOTE DEPOSIT CAPTURE-TICKETS	01 02 00	1	0.5000	0.50	905.71
REMOTE DEPOSIT CHECK IMAGES	10 02 18	37	0.0300	1.11	2,010.67
				<u>\$1.61</u>	<u>\$2,916.38</u>
AUTOMATED CLEARINGHOUSE SERVICES					
ACH MONTHLY MAINTENANCE FEE	25 00 00	1	10.0000	10.00	18,114.10
ADDENDA ORIGINATED/RECEIVED	25 01 20	1	0.0100	0.01	18.11
CREDITS RECEIVED	25 02 01	1	0.0500	0.05	90.57
ACH DEBIT/CREDIT BLOCK	25 10 52	1	5.0000	5.00	9,057.05
				<u>\$15.06</u>	<u>\$27,279.83</u>
FUNDS TRANSFER SERVICES					
BATCHWIRE FED OUT	35 01 02	3	4.0000	12.00	21,736.92
INCOMING WIRE TRANSFER	35 03 00	3	3.0000	9.00	16,302.69
				<u>\$21.00</u>	<u>\$38,039.61</u>
INFORMATION SERVICES					
PREVIOUS DAY ACCOUNT	40 02 22	24	2.5000	60.00	108,684.60
PINACLE TRANSMISSION MONTHLY FEE	40 01 10	1	50.0000	50.00	90,570.50
PREVIOUS DAY DETAIL BAL	40 99 99	8,952	0.0500	447.60	810,787.12
PINACLE MODULE FEES	40 99 99	1	11.2500	11.25	20,378.36



ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b>	<b>ACCOUNT INFORMATION</b>	<b>ANALYSIS PERIOD</b>
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR 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	01/01/2018 to 01/31/2018
		<b>STATEMENT DATE</b>
		FEBRUARY 13, 2018

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
				\$568.85	\$1,030,420.58
ELECTRONIC DATA INTERCHANGE					
ORIG DATA TRANSMISSION	30 01 02	21	15.0000	315.00	570,594.15
WIRE ORIGINATED PAYMENTS	30 01 12	84	0.1200	10.08	18,259.01
EDI DISBURSEMENT MONTHLY MAINT	30 00 20	1	60.0000	60.00	108,684.60
				\$385.08	\$697,537.76
<b>TOTAL ANALYZED CHARGES</b>				\$996.60	\$1,805,251.21





Visit us at pnc.com

ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b> 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	<b>ACCOUNT INFORMATION</b> ACCOUNT 4006903911 TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	<b>ANALYSIS PERIOD</b> 01/01/2018 to 01/31/2018  <b>STATEMENT DATE</b> FEBRUARY 13, 2018
---	--	--

CURRENT MONTHLY BALANCE & COMPENSATION			
AVERAGE LEDGER BALANCE	46,992.27	EARNINGS ALLOWANCE (0.650 %)	24.77
LESS: DEPOSIT FLOAT	2,124.29	TOTAL ANALYZED CHARGES	996.60
AVERAGE COLLECTED BALANCE	44,867.98	EXCESS/(DEFICIT) FEES	971.83
LESS: RESERVES( 0.00 %)	0.00	(TRANSFERRED TO 0001629970 )	
INVESTABLE BALANCE	44,867.98		
COLLECTED BALANCE REQUIRED	1,805,251.21		
EXCESS/(DEFICIT) BALANCE	1,760,383.23-		

*SPR  
6/15/18  
(only micron  
expense sheet  
attached)*

EARNINGS CREDIT RATE IS TIERED. THE HIGHEST TIER EARNINGS CREDIT RATE FOR NEXT MONTH IS 650000 %

\$1811.41 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
<b>DEMAND DEPOSIT RELATED SERVICES</b>					
ACCOUNT MAINTENANCE	01 00 00	1	5.0000	5.00	9,057.05
				55.00	9,057.05
<b>REMOTE DEPOSIT RELATED SERVICES</b>					
REMOTE DEPOSIT CAPTURE-TICKETS	01 02 00	1	0.5000	0.50	905.71
REMOTE DEPOSIT CHECK IMAGES	10 02 18	37	0.0300	1.11	2,010.67
				\$1.61	\$2,916.38
<b>AUTOMATED CLEARINGHOUSE SERVICES</b>					
ACH MONTHLY MAINTENANCE FEE	25 00 00	1	10.0000	10.00	18,114.10
ADDENDA ORIGINATED/RECEIVED	25 01 20	1	0.0100	0.01	18.11
CREDITS RECEIVED	25 02 01	1	0.0500	0.05	90.57
ACH DEBIT/CREDIT BLOCK	25 10 52	1	5.0000	5.00	9,057.05
				\$15.06	\$27,279.83
<b>FUNDS TRANSFER SERVICES</b>					
BATCHWIRE FED OUT	35 01 02	3	4.0000	12.00	21,736.92
INCOMING WIRE TRANSFER	35 03 00	3	3.0000	9.00	16,302.69
				\$21.00	\$38,039.61
<b>INFORMATION SERVICES</b>					
PREVIOUS DAY ACCOUNT	40 02 22	24	2.5000	60.00	108,684.60
PINACLE TRANSMISSION MONTHLY FEE	40 01 10	1	50.0000	50.00	90,570.50
PREVIOUS DAY DETAIL BAI	40 99 99	8,952	0.0500	447.60	810,787.12
PINACLE MODULE FEES	40 99 99	1	11.2500	11.25	20,378.36
				\$568.85	\$1,030,420.58



Visit us at [pnc.com](http://pnc.com)

Page 5 of 6

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	01/01/2018 to 01/31/2018
		STATEMENT DATE
		FEBRUARY 13, 2018

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
ELECTRONIC DATA INTERCHANGE					
ORIG DATA TRANSMISSION	30 01 02	21	15.0000	315.00	570,594.15
WIRE ORIGINATED PAYMENTS	30 01 12	84	0.1200	10.08	18,259.01
EDI DISBURSEMENT MONTHLY MAINT	30 00 20	1	60.0000	60.00	108,684.60
				\$385.08	\$697,537.76
 TOTAL ANALYZED CHARGES :				\$996.60	\$1,805,251.21



ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b>	<b>ACCOUNT INFORMATION</b>	<b>ANALYSIS PERIOD</b>
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR COLUMBUS OH 43215	ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-869-1518 BILLING CYCLE MONTHLY	01/01/2018 to 01/31/2018
		<b>STATEMENT DATE</b>
		FEBRUARY 13, 2018

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	46,992.27	44,867.98	.650000	996.60	1,805,251.21	1,760,383.23-	971.83-
QTR TOTAL	46,992.27	44,867.98		996.60	1,805,251.21	1,760,383.23-	971.83-
YTD TOTAL	46,992.27	44,867.98	.650000	996.60	1,805,251.21	1,760,383.23-	971.83-

Board of Deposit  
PNC Mine Subsidence Insurance Fund 3911 - January 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Unit Price	Comments
	5 01 00 00	ACCOUNT MAINTENANCE	5	1	5.00	\$	5.00	\$
	9 01 02 00	REMOTE DEPOSIT CAPTURE-TICKETS	0.5	1	0.50	\$	0.50	\$
	111 10 02 18	REMOTE DEPOSIT CHECK IMAGES	0.03	37	1.11	\$	1.11	\$
	640 25 00 00	ACH MONTHLY MAINTENANCE FEE	10	1	10.00	\$	10.00	\$
	679 25 01 20	ADDENDA ORIGINATED/RECEIVED	0.01	1	0.01	\$	0.01	\$
	702 25 02 01	CREDITS RECEIVED	0.05	1	0.05	\$	0.05	\$
	718 25 10 52	ACH DEBIT/CREDIT BLOCK	5	1	5.00	\$	5.00	\$
	743 35 01 02	BATCHWIRE FED OUT	4	3	12.00	\$	12.00	\$
	782 35 03 00	INCOMING WIRE TRANSFER	3	3	9.00	\$	9.00	\$
	800 40 02 22	PREVIOUS DAY ACCOUNT	2.5	24	60.00	\$	60.00	\$
	903 40 01 10	PINACLE TRANSMISSION MONTHLY FEE	50	1	50.00	\$	50.00	\$
	918 40 99 99	PREVIOUS DAY DETAIL BAI	0.05	8952	447.60	\$	447.60	\$
	970 30 01 02	ORIG DATA TRANSMISSION	15	21	315.00	\$	315.00	\$
	979 30 01 12	WIRE ORIGINATED PAYMENTS	0.12	84	10.08	\$	10.08	\$
	1176 00 03 71	CHARGE FOR INVOICE	0	1		\$		\$
	2330 30 00 20	EDI DISBURSEMENT MONTHLY MAINT	60	1	60.00	\$	60.00	\$
	4059 40 99 99	PINACLE EVENT NOTIFICATION MONTH	0	1		\$	10.00	\$ (10.00) Invoice was adjusted to include chrg
	5346 40 99 99	PINACLE MODULE FEES	11.25	1	11.25	\$		\$ 11.25 Invoice was adjusted to remove chrg
					996.60	\$	995.35	\$ 1.25
		<b>Service Fee Total</b>	\$	995.35				
		<b>Earnings Credit Allowance</b>	\$	24.77				
		<b>Total</b>	\$	970.58				



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 February 2018, are \$868.81.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberland*

SECRETARY

*June 20, 2018*

DATE

PNC Bank, N.A.  
 P.O. Box 821523  
 Philadelphia, PA 19182-1523



Invoice Date	03-12-18
Invoice Number	0218717026
Customer Number	0001629970
Cost Center	070-0005063
New Balance	868.81

STATE OF OHIO  
 ODNR MINE SUBSTANCE INS FUND  
 ATTN KYANA PIERSON  
 30 E BROAD ST 9TH FLOOR  
 COLUMBUS OH 43215

REVISED INVOICE

**Account Analysis Service Charge**

Date	Description	Amount
03-12-18	CHARGE FOR SERVICES	870.06
04-25-18	ADJUSTMENT	-1.25
PAY THIS AMOUNT		868.81

**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	03-12-18
Invoice Number	0218717026
Customer Number	0001629970
Cost Center	070-0005063
New Balance	868.81

**Account Analysis Service Charge**

Date	Description	Amount
03-12-18	CHARGE FOR SERVICES	870.06
04-25-18	ADJUSTMENT	-1.25
PAY THIS AMOUNT		868.81



Visit us at [pnc.com](http://pnc.com)

Page 1 of 6

ACCOUNT ANALYSIS STATEMENT

CLIENT NAME & ADDRESS	ACCOUNT INFORMATION	ANALYSIS PERIOD
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR COLUMBUS OH 43215	ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518	02/01/2018 to 02/28/2018
		STATEMENT DATE
		MARCH 12, 2018

ACCOUNTS INCLUDED IN THIS ANALYSIS

BANK NUMBER	ACCOUNT NUMBER	ACCOUNT NAME	ACCOUNT TITLE
070	4008903911	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.



Visit us at pnc.com

ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b> STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR COLUMBUS OH 43215	<b>ACCOUNT INFORMATION</b> ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	<b>ANALYSIS PERIOD</b> 02/01/2018 to 02/28/2018  <b>STATEMENT DATE</b> MARCH 12, 2018
---	--	---

CURRENT MONTHLY BALANCE & COMPENSATION			
AVERAGE LEDGER BALANCE	102,449.67	EARNINGS ALLOWANCE (0.650 %)	46.03
LESS: DEPOSIT FLOAT	10,131.00	TOTAL ANALYZED CHARGES	916.09
AVERAGE COLLECTED BALANCE	92,318.67	EXCESS/(DEFICIT) FEES	870.06
LESS: RESERVES( 0.00%)	0.00	TOTAL AMOUNT DUE	870.06
INVESTABLE BALANCE	92,318.67		(INVOICE)
COLLECTED BALANCE REQUIRED	1,837,209.32		
EXCESS/(DEFICIT) BALANCE	1,744,890.65-		

EARNINGS CREDIT RATE IS TIERED. THE HIGHEST TIER EARNINGS CREDIT RATE FOR NEXT MONTH IS .650000 %

\$2005.49 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	10,027.45
				\$5.00	\$10,027.45
REMOTE DEPOSIT RELATED SERVICES					
REMOTE DEPOSIT CAPTURE-TICKETS	01 02 00	2	0.5000	1.00	2,005.49
REMOTE DEPOSIT CHECK IMAGES	10 02 18	66	0.0300	1.98	3,970.87
				\$2.98	\$5,976.36
AUTOMATED CLEARINGHOUSE SERVICES					
ACH MONTHLY MAINTENANCE FEE	25 00 00	1	10.0000	10.00	20,054.90
ADDENDA ORIGINATED/RECEIVED	25 01 20	1	0.0100	0.01	20.05
CREDITS RECEIVED	25 02 01	1	0.0500	0.05	100.27
ACH DEBIT/CREDIT BLOCK	25 10 52	1	5.0000	5.00	10,027.45
				\$15.06	\$30,202.67
FUNDS TRANSFER SERVICES					
BATCHWIRE FED OUT	35 01 02	1	4.0000	4.00	8,021.96
INCOMING WIRE TRANSFER	35 03 00	4	3.0000	12.00	24,065.88
PINACLE DOMESTIC WIRE TRANSFER	35 01 09	2	4.0000	8.00	16,043.92
				\$24.00	\$48,131.76
INFORMATION SERVICES					
PREVIOUS DAY ACCOUNT	40 02 22	24	2.5000	60.00	120,329.40
PINACLE TRANSMISSION MONTHLY FEE	40 01 10	1	50.0000	50.00	100,274.50
PREVIOUS DAY DETAIL BAI	40 99 99	7,876	0.0500	393.80	789,761.96





ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b>	<b>ACCOUNT INFORMATION</b>	<b>ANALYSIS PERIOD</b>
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR 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	02/01/2018 to 02/28/2018
		<b>STATEMENT DATE</b>
		MARCH 12, 2018

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
PINACLE MODULE FEES	40 99 99	1	11 2500	11 25	22,561.76
				<u>\$515 05</u>	<u>\$1,032,927 62</u>
ELECTRONIC DATA INTERCHANGE					
ORIG DATA TRANSMISSION	30 01 02	19	15 0000	285 00	571,564 65
WIRE ORIGINATED PAYMENTS	30 01 12	75	0 1200	9 00	18,049 41
EDI DISBURSEMENT MONTHLY MAINT	30 00 20	1	60 0000	60 00	120,329 40
				<u>\$354 00</u>	<u>\$709,943 46</u>
<b>TOTAL ANALYZED CHARGES :</b>				<u>\$916 09</u>	<u>\$1,837,209 32</u>



Visit us at pnc.com

ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b> 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	<b>ACCOUNT INFORMATION</b> ACCOUNT 4006903911 TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	<b>ANALYSIS PERIOD</b> 02/01/2018 to 02/28/2018  <b>STATEMENT DATE</b> MARCH 12, 2018
---	--	---

CURRENT MONTHLY BALANCE & COMPENSATION			
AVERAGE LEDGER BALANCE	102,449.67	EARNINGS ALLOWANCE (0.650 %)	46.03
LESS: DEPOSIT FLOAT	10,131.00	TOTAL ANALYZED CHARGES	916.09
AVERAGE COLLECTED BALANCE	92,318.67	EXCESS/(DEFICIT) FEES	870.06-
LESS: RESERVES( 0.00%)	0.00	(TRANSFERRED TO 0001629970)	
INVESTABLE BALANCE	92,318.67		
COLLECTED BALANCE REQUIRED	1,837,209.32		
EXCESS/(DEFICIT) BALANCE	1,744,890.65-		

*JR  
2/15/18  
(adj notation  
expense sheet  
attached)*

EARNINGS CREDIT RATE IS TIERED. THE HIGHEST TIER EARNINGS CREDIT RATE FOR NEXT MONTH IS .650000 %

\$2005.49 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
<b>DEMAND DEPOSIT RELATED SERVICES</b>					
ACCOUNT MAINTENANCE	01 00 00	1	5.0000	5.00	10,027.45
				\$5.00	\$10,027.45
<b>REMOTE DEPOSIT RELATED SERVICES</b>					
REMOTE DEPOSIT CAPTURE-TICKETS	01 02 00	2	0.5000	1.00	2,005.49
REMOTE DEPOSIT CHECK IMAGES	10 02 18	66	0.0300	1.98	3,970.87
				\$2.98	\$5,976.36
<b>AUTOMATED CLEARINGHOUSE SERVICES</b>					
ACH MONTHLY MAINTENANCE FEE	25 00 00	1	10.0000	10.00	20,054.90
ADDENDA ORIGINATED/RECEIVED	25 01 20	1	0.0100	0.01	20.05
CREDITS RECEIVED	25 02 01	1	0.0500	0.05	100.27
ACH DEBIT/CREDIT BLOCK	25 10 52	1	5.0000	5.00	10,027.45
				\$15.06	\$30,202.67
<b>FUNDS TRANSFER SERVICES</b>					
BATCHWIRE FED OUT	35 01 02	1	4.0000	4.00	8,021.96
INCOMING WIRE TRANSFER	35 03 00	4	3.0000	12.00	24,065.88
PINACLE DOMESTIC WIRE TRANSFER	35 01 09	2	4.0000	8.00	16,043.92
				\$24.00	\$48,131.76
<b>INFORMATION SERVICES</b>					
PREVIOUS DAY ACCOUNT	40 02 22	24	2.5000	60.00	120,329.40
PINACLE TRANSMISSION MONTHLY FEE	40 01 10	1	50.0000	50.00	100,274.50
PREVIOUS DAY DETAIL BAI	40 99 99	7,876	0.0500	393.80	789,761.96
PINACLE MODULE FEES	40 99 99	1	11.2500	11.25	22,561.76
				\$515.05	\$1,032,927.62



Visit us at [pnc.com](http://pnc.com)

Page 5 of 6

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	02/01/2018 to 02/28/2018
		STATEMENT DATE
		MARCH 12, 2018

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
ELECTRONIC DATA INTERCHANGE					
ORIG DATA TRANSMISSION	30 01 02	19	15.0000	285.00	571,564.65
WIRE ORIGINATED PAYMENTS	30 01 12	75	0.1200	9.00	18,049.41
EDI DISBURSEMENT MONTHLY MAINT	30 00 20	1	60.0000	60.00	120,329.40
				\$354.00	\$709,943.46
 TOTAL ANALYZED CHARGES :				\$916.09	\$1,837,209.32

Board of Deposit  
PNC Mine Subsidence Insurance Fund 3911 - February 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
	5 01 00 00	ACCOUNT MAINTENANCE	5	1	\$ 5.00	\$ 5.00	\$ -	
	9 01 02 00	REMOTE DEPOSIT CAPTURE-TICKETS	0.5	2	\$ 1.00	\$ 1.00	\$ -	
	111 10 02 18	REMOTE DEPOSIT CHECK IMAGES	0.03	66	\$ 1.98	\$ 1.98	\$ -	
	640 25 00 00	ACH MONTHLY MAINTENANCE FEE	10	1	\$ 10.00	\$ 10.00	\$ -	
	679 25 01 20	ADDENDA ORIGINATED/RECEIVED	0.01	1	\$ 0.01	\$ 0.01	\$ -	
	702 25 02 01	CREDITS RECEIVED	0.05	1	\$ 0.05	\$ 0.05	\$ -	
	718 25 10 52	ACH DEBIT/CREDIT BLOCK	5	1	\$ 5.00	\$ 5.00	\$ -	
	743 35 01 02	BATCHWIRE FED OUT	4	1	\$ 4.00	\$ 4.00	\$ -	
	782 35 03 00	INCOMING WIRETRANSFER	3	4	\$ 12.00	\$ 12.00	\$ -	
	800 40 02 22	PREVIOUS DAY ACCOUNT	2.5	24	\$ 60.00	\$ 60.00	\$ -	
	903 40 01 10	PINACLE TRANSMISSION MONTHLY FEE	50	1	\$ 50.00	\$ 50.00	\$ -	
	918 40 99 99	PREVIOUS DAY DETAIL BAI	0.05	7876	\$ 393.80	\$ 393.80	\$ -	
	970 30 01 02	ORIG DATA TRANSMISSION	15	19	\$ 285.00	\$ 285.00	\$ -	
	979 30 01 12	WIRE ORIGINATED PAYMENTS	0.12	75	\$ 9.00	\$ 9.00	\$ -	
	1176 00 03 71	CHARGE FOR INVOICE	0	1	\$ -	\$ -	\$ -	
	2330 30 00 20	EDI DISBURSEMENT MONTHLY MAINT	60	1	\$ 60.00	\$ 60.00	\$ -	
	3238 35 01 09	PINACLE DOMESTIC WIRE TRANSFER	4	2	\$ 8.00	\$ 8.00	\$ -	
	4059 40 99 99	PINACLE EVENT NOTIFICATION MONTH	0	1	\$ -	\$ 10.00	\$ (10.00)	Invoice was adjusted to include chrg
	5346 40 99 99	PINACLE MODULE FEES	11.25	1	\$ 11.25	\$ -	\$ 11.25	Invoice was adjusted to remove chrg
					\$ 916.09	\$ 914.84	\$ 1.25	
		<b>Service Fee Total</b>			\$ 914.84			
		<b>Earnings Credit Allowance</b>			\$ 46.03			
		<b>Total</b>			\$ 868.81			



# STATE BOARD OF DEPOSIT STATE OF OHIO

**Members:**  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 March 2018, are \$965.40.

*Josh Mandel*

CHAIRMAN

*Stacy Cumberland*

SECRETARY

*June 20, 2018*

DATE

PNC Bank, N.A.  
P.O. Box 821523  
Philadelphia, PA 19182-1523



Invoice Date	04-09-18
Invoice Number	0318717157
Customer Number	0001629970
Cost Center	070-0005063
New Balance	965.40

STATE OF OHIO  
ODNR MINE SUBSTANCE INS FUND  
ATTN KYANA PIERSON  
30 E BROAD ST 9TH FLOOR  
COLUMBUS OH 43215

REVISED INVOICE

**Account Analysis Service Charge**

Date	Description	Amount
04-09-18	CHARGE FOR SERVICES	966.65
04-25-18	ADJUSTMENT	-1.25
PAY THIS AMOUNT		965.40

**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	04-09-18
Invoice Number	0318717157
Customer Number	0001629970
Cost Center	070-0005063
New Balance	965.40

**Account Analysis Service Charge**

Date	Description	Amount
04-09-18	CHARGE FOR SERVICES	966.65
04-25-18	ADJUSTMENT	-1.25
PAY THIS AMOUNT		965.40



Visit us at [pnc.com](http://pnc.com)

ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b> STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR COLUMBUS OH 43215	<b>ACCOUNT INFORMATION</b> ACCOUNT 0001829970 SUMMARY TREASURY JENNIFER A. JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518	<b>ANALYSIS PERIOD</b> 03/01/2018 to 03/31/2018
		<b>STATEMENT DATE</b> APRIL 9, 2018

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.



Visit us at [pnc.com](http://pnc.com)

ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b> STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR COLUMBUS OH 43215	<b>ACCOUNT INFORMATION</b> ACCOUNT 0001629970 SUMMARY TREASURY JENNIFER A JAMES OFFICER (614) 463-7335 CLIENT TMCC@pnc.com SERVICES 1-800-669-1518 BILLING CYCLE MONTHLY	<b>ANALYSIS PERIOD</b> 03/01/2018 to 03/31/2018  <b>STATEMENT DATE</b> APRIL 9, 2018
---	--	--

CURRENT MONTHLY BALANCE & COMPENSATION			
AVERAGE LEDGER BALANCE	40,485.19	EARNINGS ALLOWANCE (0.650 %)	22.30
LESS: DEPOSIT FLOAT	87.23	TOTAL ANALYZED CHARGES	988.95
AVERAGE COLLECTED BALANCE	40,397.96	EXCESS/(DEFICIT) FEES	966.65
LESS: RESERVES( 0.00 %)	0.00	TOTAL AMOUNT DUE	966.65
INVESTABLE BALANCE	40,397.96		(INVOICE)
COLLECTED BALANCE REQUIRED	1,791,393.92		
EXCESS/(DEFICIT) BALANCE	1,750,995.96-		

EARNINGS CREDIT RATE IS TIERED. THE HIGHEST TIER EARNINGS CREDIT RATE FOR NEXT MONTH IS: 650000 %

\$1811.41 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
<b>DEMAND DEPOSIT RELATED SERVICES</b>					
ACCOUNT MAINTENANCE	01 00 00	1	5.0000	5.00	9,057.05
				\$5.00	\$9,057.05
<b>REMOTE DEPOSIT RELATED SERVICES</b>					
REMOTE DEPOSIT CAPTURE-TICKETS	01 02 00	1	0.5000	0.50	905.71
REMOTE DEPOSIT CHECK IMAGES	10 02 18	4	0.0300	0.12	217.37
				\$0.62	\$1,123.08
<b>AUTOMATED CLEARINGHOUSE SERVICES</b>					
ACH MONTHLY MAINTENANCE FEE	25 00 00	1	10.0000	10.00	18,114.10
ACH DEBIT/CREDIT BLOCK	25 10 52	1	5.0000	5.00	9,057.05
				\$15.00	\$27,171.15
<b>FUNDS TRANSFER SERVICES</b>					
BATCHWIRE FED OUT	35 01 02	3	4.0000	12.00	21,736.92
INCOMING WIRE TRANSFER	35 03 00	2	3.0000	6.00	10,868.46
PINACLE DOMESTIC WIRE TRANSFER	35 01 09	4	4.0000	16.00	28,982.56
				\$34.00	\$61,587.94
<b>INFORMATION SERVICES</b>					
PREVIOUS DAY ACCOUNT	40 02 22	24	2.5000	60.00	108,684.60
PINACLE TRANSMISSION MONTHLY FEE	40 01 10	1	50.0000	50.00	90,570.50
PREVIOUS DAY DETAIL BAI	40 99 99	8,248	0.0500	412.40	747,025.48
PINACLE MODULE FEES	40 99 99	1	11.2500	11.25	20,378.36
				\$533.65	\$966,658.94





Visit us at [pnc.com](http://pnc.com)

ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b>	<b>ACCOUNT INFORMATION</b>	<b>ANALYSIS PERIOD</b>
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR 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	03/01/2018 to 03/31/2018
		<b>STATEMENT DATE</b>
		APRIL 9, 2018

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
ELECTRONIC DATA INTERCHANGE					
ORIG DATA TRANSMISSION	30 01 02	22	15.0000	330.00	597,765.30
WIRE ORIGINATED PAYMENTS	30 01 12	89	0.1200	10.68	19,345.86
EDI DISBURSEMENT MONTHLY MAINT	30 00 20	1	60.0000	60.00	108,684.60
				\$400.68	\$725,795.76
<b>TOTAL ANALYZED CHARGES</b>				\$988.95	\$1,791,393.92



Visit us at pnc.com

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	03/01/2018 to 03/31/2018
		STATEMENT DATE
		APRIL 9, 2018

CURRENT MONTHLY BALANCE & COMPENSATION			
AVERAGE LEDGER BALANCE	40,485.19	EARNINGS ALLOWANCE (0.650 %)	22.30
LESS: DEPOSIT FLOAT	87.22	TOTAL ANALYZED CHARGES	988.95
AVERAGE COLLECTED BALANCE	40,397.97	EXCESS/(DEFICIT) FEES	966.65-
LESS: RESERVES( 0.00 %)	0.00	(TRANSFERRED TO 0001629970 )	
INVESTABLE BALANCE	40,397.96		
COLLECTED BALANCE REQUIRED	1,791,393.92		
EXCESS/(DEFICIT) BALANCE	1,750,995.95-		

*OR*  
6/15/18  
(adj noted on  
expense sheet  
attached)

EARNINGS CREDIT RATE IS TIERED THE HIGHEST TIER EARNINGS CREDIT RATE FOR NEXT MONTH IS .650000 %

\$1811.41 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	9,057.05
				\$5.00	\$9,057.05
REMOTE DEPOSIT RELATED SERVICES					
REMOTE DEPOSIT CAPTURE-TICKETS	01 02 00	1	0.5000	0.50	905.71
REMOTE DEPOSIT CHECK IMAGES	10 02 18	4	0.0300	0.12	217.37
				\$0.62	\$1,123.08
AUTOMATED CLEARINGHOUSE SERVICES					
ACH MONTHLY MAINTENANCE FEE	25 00 00	1	10.0000	10.00	18,114.10
ACH DEBIT/CREDIT BLOCK	25 10 52	1	5.0000	5.00	9,057.05
				\$15.00	\$27,171.15
FUNDS TRANSFER SERVICES					
BATCHWIRE FED OUT	35 01 02	3	4.0000	12.00	21,736.92
INCOMING WIRE TRANSFER	35 03 00	2	3.0000	6.00	10,868.46
PINACLE DOMESTIC WIRE TRANSFER	35 01 09	4	4.0000	16.00	28,982.56
				\$34.00	\$61,587.94
INFORMATION SERVICES					
PREVIOUS DAY ACCOUNT	40 02 22	24	2.5000	60.00	108,684.60
PINACLE TRANSMISSION MONTHLY FEE	40 01 10	1	50.0000	50.00	90,570.50
PREVIOUS DAY DETAIL BAI	40 99 99	8,248	0.0500	412.40	747,025.48
PINACLE MODULE FEES	40 99 99	1	11.2500	11.25	20,378.36
				\$533.65	\$966,658.94
ELECTRONIC DATA INTERCHANGE					



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	03/01/2018 to 03/31/2018
		STATEMENT DATE
		APRIL 9, 2018

SUMMARY OF ACCOUNT SERVICES

SERVICE DESCRIPTION	AFP CODE	VOLUME	UNIT PRICE	TOTAL PRICE	COLLECTED BALANCE REQUIRED
ORIG DATA TRANSMISSION	30 01 02	22	15.0000	330.00	597,765.30
WIRE ORIGINATED PAYMENTS	30 01 12	89	0.1200	10.68	19,345.86
EDI DISBURSEMENT MONTHLY MAINT	30 00 20	1	60.0000	60.00	108,684.60
				\$400.68	\$725,795.76
<b>TOTAL ANALYZED CHARGES :</b>				\$988.95	\$1,791,393.92



ACCOUNT ANALYSIS STATEMENT

<b>CLIENT NAME &amp; ADDRESS</b>	<b>ACCOUNT INFORMATION</b>	<b>ANALYSIS PERIOD</b>
STATE OF OHIO ODNR MINE SUBSTANCE INS FUND ATTN KYANA PIERSON 30 E BROAD ST 9TH FLOOR 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	03/01/2018 to 03/31/2018
		<b>STATEMENT DATE</b>
		APRIL 9, 2018

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	46,992.27	44,867.98	650000	996.60	1,805,251.21	1,760,383.23-	971.83-
FEBRUARY	102,449.67	92,318.67	650000	916.09	1,837,209.32	1,744,890.65-	870.06-
MARCH	40,485.19	40,397.96	650000	988.95	1,791,393.92	1,750,995.96-	966.65-
<b>QTR TOTAL</b>	<b>63,309.04</b>	<b>59,194.87</b>		<b>2,901.64</b>	<b>1,811,284.82</b>	<b>1,752,089.95-</b>	<b>2,808.54-</b>
<b>YTD TOTAL</b>	<b>63,309.04</b>	<b>59,194.87</b>	<b>650000</b>	<b>2,901.64</b>	<b>1,811,284.82</b>	<b>1,752,089.95-</b>	<b>2,808.54-</b>

Board of Deposit  
PNC Mine Subsidence Insurance Fund 3911 - March 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
	5 010000	ACCOUNT MAINTENANCE	5	1	\$ 5.00	\$ 5.00	\$ -	
	9 010200	REMOTE DEPOSIT CAPTURE-TICKETS	0.5	1	\$ 0.50	\$ 0.50	\$ -	
	111 100218	REMOTE DEPOSIT CHECK IMAGES	0.03	4	\$ 0.12	\$ 0.12	\$ -	
	640 250000	ACH MONTHLY MAINTENANCE FEE	10	1	\$ 10.00	\$ 10.00	\$ -	
	718 251052	ACH DEBIT/CREDIT BLOCK	5	1	\$ 5.00	\$ 5.00	\$ -	
	743 350102	BATCHWIRE FED OUT	4	3	\$ 12.00	\$ 12.00	\$ -	
	782 350300	INCOMING WIRE TRANSFER	3	2	\$ 6.00	\$ 6.00	\$ -	
	800 400222	PREVIOUS DAY ACCOUNT	2.5	24	\$ 60.00	\$ 60.00	\$ -	
	903 400110	PINACLE TRANSMISSION MONTHLY FEE	50	1	\$ 50.00	\$ 50.00	\$ -	
	918 409999	PREVIOUS DAY DETAIL BAI	0.05	8248	\$ 412.40	\$ 412.40	\$ -	
	970 300102	ORIG DATA TRANSMISSION	15	22	\$ 330.00	\$ 330.00	\$ -	
	979 300112	WIRE ORIGINATED PAYMENTS	0.12	89	\$ 10.68	\$ 10.68	\$ -	
	1176 000371	CHARGE FOR INVOICE	0	1	\$ -	\$ -	\$ -	
	2330 300020	EDI DISBURSEMENT MONTHLY MAINT	60	1	\$ 60.00	\$ 60.00	\$ -	
	3238 350109	PINACLE DOMESTIC WIRE TRANSFER	4	4	\$ 16.00	\$ 16.00	\$ -	
	4059 409999	PINACLE EVENT NOTIFICATION MONTH	0	1	\$ -	\$ 10.00	\$ (10.00)	Invoice was adjusted to include chrg
	5346 409999	PINACLE MODULE FEES	11.25	1	\$ 11.25	\$ -	\$ 11.25	Invoice was adjusted to remove chrg
		<b>Total</b>			\$ 988.95	\$ 987.70	\$ 1.25	
<b>Service Fee Total</b>					\$ 987.70			
<b>Earnings Credit Allowance</b>					\$ 22.30			
<b>Total</b>					\$ 965.40			



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 US Bank banking fees [Treasurer of State Remote Deposit] for the month of May 2018, are \$1,567.97.

*Josh Mandel*

CHAIRMAN

*Stacey Lumberlander*

SECRETARY

*June 20, 2018*

DATE



Account Analysis and Billing  
200 S 6th St. / EP-MN-L18B  
Minneapolis, MN 55402

2



## Customer Analysis Statement

Statement Period: May 2018

Page 1 of 6



000604342 02 SP 106481611276741 S  
TREASURER OF STATE OF OHIO

Account Number: 1-301-2139-9971

TOTAL CHARGE: \$1,567.97

Please remit payment to:  
TREASURY MANAGEMENT SERVICES  
CM 9581  
PO BOX 70870  
ST PAUL MN 55170-9581

Direct inquiries to: Commercial Customer  
Service at 1.800.377.3053.

To help ensure the accuracy of your service activity, please review this statement promptly and compare it to your records. You must report any discrepancies within 30 days of the date this analysis statement is mailed or made available to you. After 30 days your service activity and billing will be deemed correct.

### Consolidated Analysis Summary

TREASURER OF STATE OF OHIO	Lead Account Number	1-301-2139-9971
	Earnings Credit Rate	1.95%
	Negative Collected Rate	8.75%
	Reserve Adjustment Rate †	0.00%
	Current Month Multiplier	603.80
	Settlement Frequency	Monthly
	Settlement Period	May 2018

### Balance Summary

Average Ledger Balance	\$	4,370,488.22
Average Float	-	1,986,540.62
Average Collected Balance	=	2,383,947.60

### Settlement Analysis

Collected Balance Available for Earnings Credit Services	\$	2,383,947.60
Earnings Credit @ 1.95000%	\$	3,948.21
Earnings Credit Based Service Charges	-	5,516.18
Current Month Surplus/(Deficit) Position	=	(1,567.97)
<b>Net Service Charges</b>	<b>\$</b>	<b>(1,567.97)</b>

† The Reserve Adjustment deduction on your analyzed account statement may not necessarily reflect the actual reserves incurred by U.S. Bank.



Account Analysis and Billing  
 200 S 6th St. / EP-MN-L18B  
 Minneapolis, MN 55402  
 000604342 02 SP 106481611276741 S  
 2

# Customer Analysis Statement

Statement Period: May 2018

Page 2 of 6

## Service Activity Detail - Summary

Service	Volume	Avg Unit Price*	Total Charge	Collected Balance Required
<b>Depository Services</b>				
Account Maintenance	1	5.00000	5.00	3,019
Paper Credits	22	0.20000	4.40	2,657
Electronic Credits	1	0.12000	0.12	72
Electronic Debits	62	0.05000	3.10	1,872
Deposited Item	5	0.05000	0.25	151
Returned Deposited Items	48	3.00000	144.00	86,948
Returned Item Special Instruc	1	5.00000	5.00	3,019
Redeposited Returned Item	49	2.00000	98.00	59,173
Returned Item Email Notice	22	0.50000	11.00	6,642
Returned Item Email Images	97	0.50000	48.50	29,285
Returned Item Reason Code	48	0.25000	12.00	7,246
Returned Item Image Viewed	50	0.02000	1.00	604
Deposit Coverage	4,370	0.09000	393.30	237,476
Check Filter Monthly Maint	1	0.00000	No Charge	0
Elec Acct Analysis Mo Maint	1	10.00000	10.00	6,038
Elec AA Direct Transmission	1	5.00000	5.00	3,019
<b>Subtotal: Depository Services</b>			<b>740.67</b>	
<b>SinglePoint</b>				
Sp Current Day Per Acct	1	30.00000	30.00	18,114
Sp Current Day Per Item	447	0.02500	11.17	6,745
Sp Previous Day Per Acct	1	30.00000	30.00	18,114
Sp Previous Day Per Item	1,855	0.02500	46.37	27,998
Account Analysis Report PDF	1	5.00000	5.00	3,019
Monthly DDA Statement PDF	1	5.00000	5.00	3,019
ACH Return and NOC Report	1	5.00000	5.00	3,019
Previous Day Xmit Mo Maint	1	10.00000	10.00	6,038
Previous Day Xmit-per Item	1,930	0.01000	19.30	11,653
SP ACH Origination Mo Maint	1	10.00000	10.00	6,038
SP Wires Monthly Maintenance	1	10.00000	10.00	6,038
SP Image Access Mo Maint	1	10.00000	10.00	6,038
<b>Subtotal: SinglePoint</b>			<b>191.84</b>	
<b>Image Services</b>				
Dep Items Img per Item Stored	39,910	0.03500	1,396.85	843,425
<b>Subtotal: Image Services</b>			<b>1,396.85</b>	
<b>ACH Services</b>				
ACH Originated Addenda Item	22	0.00000	No Charge	0
ACH Process Run	22	5.00000	110.00	66,419

\* For statements with more than one account, the per-unit pricing can vary from account to account. For detailed pricing information, refer to account level statements.





Account Analysis and Billing  
 200 S 6th St, / EP-MN-L18B  
 Minneapolis, MN 55402  
 000604342 02 SP 106481611276741 S  
 2



### Customer Analysis Statement

Statement Period: May 2018

Page 3 of 6

## Service Activity Detail - Summary

(continued)

Service	Volume	Avg Unit Price*	Total Charge	Collected Balance Required
<b>ACH Services</b>				
ACH Orig Transit Item	22	0.02000	0.44	266
ACH Filter Mthly Maint	1	8.00000	8.00	4,830
Subtotal: ACH Services			118.44	
<b>Electronic Deposit Services</b>				
EDM Monthly Maint - per Acct	1	25.00000	25.00	15,095
Web Monthly Maint - per Wrkstn	8	15.00000	120.00	72,457
Image Quality Car/Lar & OCR	8	0.00000	No Charge	0
Deposit Credit	1,434	0.20000	286.80	173,171
Image Check Item - On-Us	2,050	0.06000	123.00	74,268
Image Check Item - Transit	37,743	0.06000	2,264.58	1,367,364
Subtotal: Electronic Deposit Services			2,819.38	
<b>International Banking</b>				
Returned International Item	1	15.00000	15.00	9,057
Un-Encode CAD/USD Item	112	2.00000	224.00	135,252
Subtotal: International Banking			239.00	
<b>Miscellaneous Charges</b>				
Invoice Fee	1	10.00000	10.00	6,038
Subtotal: Miscellaneous Charges			10.00	
Earnings Credit Based Service Charges			5,516.18	3,330,696
<b>Total Service Charges</b>			<b>5,516.18</b>	

\* For statements with more than one account, the per-unit pricing can vary from account to account. For detailed pricing information, refer to account level statements.



Account Analysis and Billing  
200 S 6th St. / EP-MN-L18B  
Minneapolis, MN 55402  
000604342 02 SP 106481611276741 S

2

## Customer Analysis Statement

Statement Period: May 2018

Page 4 of 6

### Calculations and Definitions

**Collected Balance Required:**  $\text{Earnings Credit Based Service Charges OR Total Charge} \div \text{Earnings Credit Rate} \div (1 - \text{Reserve Adjustment Rate}) \div \text{Actual Days in Month} \times \text{Actual Days in Year}$

*Please Note:* The Collected Balance Required is an estimate provided for reference purposes only.

**Current Month Multiplier:**  $1.00 \div \text{Earnings Credit Rate} \div (1 - \text{Reserve Adjustment Rate}) \div \text{Actual Days in Month} \times \text{Actual Days in Year}$

**Charge for Negative Collected Balance:**  $\text{Average Negative Collected Balance} \times \text{Negative Collected Balance Rate} \times \text{Actual Days in Month} \div 360$

**Earnings Credit:**  $\text{Collected Balance Available for Earnings Credit Services} \times \text{Earnings Credit Rate} \times \text{Actual Days in Month} \div \text{Actual Days in Year}$

**Average Negative Collected Balance:** On a daily basis, your ending collected balance is either positive or negative. If the ending ledger balance minus any uncollected funds (float) is less than zero, then your daily ending collected balance position is negative. At the end of the month, the daily negative collected balances are combined and divided by the number of days in the statement period.

**Average Positive Collected Balance:** If the ending ledger balance minus any uncollected funds (float) is greater than zero, then your daily ending collected balance is positive. At the end of the month, the daily positive collected balances are combined and divided by the number of days in the statement period.

**Excess Balance Available for Interest:**  $\text{Current Month Surplus Earnings Credit Position} \div \text{Earnings Credit Rate} \div \text{Actual Days in Month} \times \text{Actual Days in Year}$

**Interest Paid On Excess Balance:**  $\text{Excess Balance Available for Interest} \times \text{Interest Rate} \times \text{Actual Days in the Month} \div \text{Actual Days in Year}$



Account Analysis and Billing  
 200 S 6th St / EP-MN-L18B  
 Minneapolis, MN 55402  
 000604342 02 SP 106481611276741 S  
 2

# Customer Analysis Statement

Statement Period: May 2018

Page 5 of 6



## Customer Settlement Page

Monthly Balance	Jun 2017	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018
LEDGER BALANCE	6,402,185	6,007,278	3,931,925	6,316,278	7,048,834	4,831,554	5,619,114	7,443,287
LESS: FLOAT	3,027,234	3,085,620	2,003,386	3,624,660	3,086,436	1,941,801	2,832,849	4,012,002
AVG COLL BAL	3,374,951	2,921,658	1,928,540	2,691,617	3,962,398	2,889,753	2,786,265	3,431,285
NEG COL BAL	0	0	0	0	0	0	0	0
POS COL BAL	3,374,951	2,921,658	1,928,540	2,691,617	3,962,398	2,889,753	2,786,265	3,431,285
RESERVES	0	0	0	0	0	0	0	0
FEE BSD COL BAL	0	0	0	0	0	0	0	0
TOT BAL FOR EC	3,374,951	2,921,658	1,928,540	2,691,617	3,962,398	2,889,753	2,786,265	3,431,285
NONINT TIME DEP	0	0	0	0	0	0	0	0
COMP BAL REQ CR	0	0	0	0	0	0	0	0
COL BAL AFTR CR	3,374,951	2,921,658	1,928,540	2,691,617	3,962,398	2,889,753	2,786,265	3,431,285
EARN CRED RATE	1.29%	1.40%	1.41%	1.40%	1.40%	1.41%	1.55%	1.66%
EARNINGS CREDIT	3,578	3,474	2,309	3,097	4,711	3,349	3,668	4,838
TOT INT ON BAL	0	0	0	0	0	0	0	0
NET EARN CREDIT	3,578	3,474	2,309	3,097	4,711	3,349	3,668	4,838
EC BASED SC	5,619	4,817	4,802	5,047	4,808	4,441	4,435	5,611
NEG COLL RATE	8.00%	8.25%	8.25%	8.25%	8.25%	8.25%	8.25%	8.50%
CHG NEG COL BAL	0	0	0	0	0	0	0	0
CUR MO SUR/DEF	2,041-	1,343-	2,493-	1,950-	97-	1,092-	767-	773-
CF EC SUR/DEF	0	0	0	0	0	0	0	0
CF EC SUR/DEF	0	0	0	0	0	0	0	0
TOT SUR/DEF	2,041-	1,343-	2,493-	1,950-	97-	1,092-	767-	773-
INT RT-EXS BAL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
EXS BAL FOR INT	0	0	0	0	0	0	0	0
INT PD-EXS BAL	0	0	0	0	0	0	0	0
CR BAL DEF FEE	0	0	0	0	0	0	0	0
FEE BASED SC	0	0	0	0	0	0	0	0
CF FEE BASED SC	0	0	0	0	0	0	0	0
TOT FEE SC	0	0	0	0	0	0	0	0
TOTAL SALES TAX	0	0	0	0	0	0	0	0
NET SERVICE CHG	2,041-	1,343-	2,493-	1,950-	97-	1,092-	767-	773-

Monthly Balance	Feb 2018	Mar 2018	Apr 2018	May 2018	May 2017	Average	Period to Date
LEDGER BALANCE	5,895,567	5,467,168	5,981,200	4,370,488	6,470,267	5,776,240	5,831,542
LESS: FLOAT	2,840,588	2,802,765	2,883,744	1,986,541	2,909,321	2,843,969	2,905,128
AVG COLL BAL	3,054,980	2,664,403	3,097,456	2,383,948	3,560,946	2,932,271	2,926,414
NEG COL BAL	0	0	0	0	0	0	0
POS COL BAL	3,054,980	2,664,403	3,097,456	2,383,948	3,560,946	2,932,271	2,926,414
RESERVES	0	0	0	0	0	0	0
FEE BSD COL BAL	0	0	0	0	0	0	0
TOT BAL FOR EC	3,054,980	2,664,403	3,097,456	2,383,948	3,560,946	2,932,271	2,926,414
NONINT TIME DEP	0	0	0	0	0	0	0
COMP BAL REQ CR	0	0	0	0	0	0	0
COL BAL AFTR CR	3,054,980	2,664,403	3,097,456	2,383,948	3,560,946	2,932,271	2,926,414
EARN CRED RATE	1.67%	1.76%	1.94%	1.95%	1.16%		1.79%
EARNINGS CREDIT	3,914	3,983	4,939	3,948	3,508	3,817	4,324
TOT INT ON BAL	0	0	0	0	0	0	0
NET EARN CREDIT	3,914	3,983	4,939	3,948	3,508	3,817	4,324
EC BASED SC	5,176	5,215	5,011	5,516	6,628	5,042	5,306
NEG COLL RATE	8.50%	8.50%	8.75%	8.75%	8.00%		8.60%
CHG NEG COL BAL	0	0	0	0	0	0	0
CUR MO SUR/DEF	1,262-	1,233-	72-	1,568-	3,120-	1,224-	982-
CF EC SUR/DEF	0	0	0	0	0	0	0
CF EC SUR/DEF	0	0	0	0	0	0	0
TOT SUR/DEF	1,262-	1,233-	72-	1,568-	3,120-	1,224-	982-
INT RT-EXS BAL	0.00%	0.00%	0.00%	0.00%	0.00%		0.00%
EXS BAL FOR INT	0	0	0	0	0	0	0
INT PD-EXS BAL	0	0	0	0	0	0	0
CR BAL DEF FEE	0	0	0	0	0	0	0
FEE BASED SC	0	0	0	0	0	0	0
CF FEE BASED SC	0	0	0	0	0	0	0
TOT FEE SC	0	0	0	0	0	0	0
TOTAL SALES TAX	0	0	0	0	0	0	0
NET SERVICE CHG	1,262-	1,233-	72-	1,568-	3,120-	1,224-	982-



Account Analysis and Billing  
 200 S 6th St. / EP-MN-L18B  
 Minneapolis, MN 55402  
 000604342 02 SP 106481611276741 S  
 2



**Customer Analysis Invoice**

Statement Period: May 2018  
 Page 6 of 6

TREASURER OF STATE OF OHIO

TREASURER OF STATE OF OHIO  
 Account Number: 1-301-2139-9971  
 AMOUNT DUE: \$1,567.97

Please remit payment to:



TREASURY MANAGEMENT SERVICES  
 CM 9581  
 PO BOX 70870  
 ST PAUL MN 55170-9581

PLEASE REMIT THIS SECTION WITH CHECK PAYMENT OF INVOICE

----- cut here -----

Board of Deposit  
US Bank TOS Remote Deposit 9971 - May 2018

Bank Code	Service Code	Description	Unit Price	Total Units	Total Amount	List Price	Variance	Comments
DDA01543	01 00 00	Account Maintenance		5	1 \$	5.00 \$	5.00 \$	
DDA01506	01 01 01	Paper Credits		0.2	22 \$	4.40 \$	4.40 \$	
DDA01500	01 01 01	Electronic Credits		0.12	1 \$	0.12 \$	0.12 \$	
DDA01553	01 01 00	Electronic Debits		0.05	62 \$	3.10 \$	3.10 \$	
DDA01507	10 02 24	Deposited Item		0.05	5 \$	0.25 \$	0.25 \$	
DDA01508	10 04 00	Returned Deposited Items		3	48 \$	144.00 \$	144.00 \$	
DDA01374	10 04 05	Returned Item Special Instruc		5	1 \$	5.00 \$	5.00 \$	
DDA01364	10 04 02	Redeposited/Returned Item		2	49 \$	98.00 \$	98.00 \$	
DDA01407	10 04 40	Returned Item Email Notice		0.5	22 \$	11.00 \$	11.00 \$	
DDA01376	10 04 40	Returned Item Email Images		0.5	97 \$	48.50 \$	48.50 \$	
DDA01385	10 04 01	Returned Item Reason Code		0.25	48 \$	12.00 \$	12.00 \$	
DDA01110	10 04 03	Returned Item Image Viewed		0.07	50 \$	1.00 \$	1.00 \$	
DDA01205	00 02 30	Deposit Coverage		0.09	4370 \$	393.30 \$	393.30 \$	
DDA01516	15 02 40	Check Filter Monthly Maint		0	1 \$			
DDA21145	01 04 40	Elec Acct Analysis Mo Maint		10	1 \$	10.00 \$	10.00 \$	
DDA21148	01 04 42	Elec AA Direct Transmission		5	1 \$	5.00 \$	5.00 \$	
DDA29010	40 02 72	Sp Current Day Per Acct		30	1 \$	30.00 \$	30.00 \$	
DDA29020	40 02 72	Sp Current Day Per Item		0.025	447 \$	11.17 \$	11.18 \$	(0.01)
DDA29100	40 02 72	Sp Previous Day Per Acct		30	1 \$	30.00 \$	30.00 \$	
DDA29110	40 02 72	Sp Previous Day Per Item		0.025	1855 \$	46.37 \$	46.38 \$	(0.01)
DDA29201	40 99 99	Account Analysis Report PDF		5	1 \$	5.00 \$	5.00 \$	
DDA29203	40 99 99	Monthly DDA Statement PDF		5	1 \$	5.00 \$	5.00 \$	
DDA29205	25 07 20	ACH Return and NOC Report		5	1 \$	5.00 \$	5.00 \$	
DDA29421	40 01 10	Previous Day Xmit Mo Maint		10	1 \$	10.00 \$	10.00 \$	
DDA29423	40 02 32	Previous Day Xmit-per Item		0.01	1930 \$	19.30 \$	19.30 \$	
DDA29651	25 00 00	SP ACH Origination Mo Maint		10	1 \$	10.00 \$	10.00 \$	
DDA29511	35 00 00	SP Wires Monthly Maintenance		10	1 \$	10.00 \$	10.00 \$	
DDA29541	15 13 50	SP Image Access Mo Maint		10	1 \$	10.00 \$	10.00 \$	
DDA14044	15 13 51	Dep Itms Img per Item Stored		0.035	39910 \$	1,396.85 \$	1,396.85 \$	
DDA22063	25 01 20	ACH Originated Addenda Item		0	22 \$		0.22 \$	(0.22) Bank waives this fee
DDA22959	25 05 01	ACH Process Run		5	22 \$	110.00 \$	110.00 \$	
DDA22075	25 01 02	ACH Orig Transit Item		0.02	22 \$	0.44 \$	0.44 \$	
DDA22991	25 10 50	ACH Filter Mthly Maint		8	1 \$	8.00 \$	8.00 \$	
DDA04100	10 13 00	EDM Monthly Maint - per Acct		25	1 \$	25.00 \$	25.00 \$	
DDA04113	10 13 00	Web Monthly Maint - per Wrkstn		15	8 \$	120.00 \$	120.00 \$	
DDA04237	99 99 99	Image Quality Car/Lar & OCR		0	8 \$			
DDA04227	10 99 99	Deposit Credit		0.2	1434 \$	286.80 \$	286.80 \$	
DDA04247	10 13 11	Image Check Item - On-Us		0.06	2050 \$	123.00 \$	123.00 \$	
DDA04248	10 13 10	Image Check Item - Transit		0.06	37743 \$	2,264.58 \$	2,264.58 \$	
DDA34002	60 99 99	Returned International Item		15	1 \$	15.00 \$	15.00 \$	
DDA34515	10 02 22	Un-Encode CAD/USD Item		2	112 \$	224.00 \$	224.00 \$	
DDA35706	00 03 71	Invoice Fee		10	1 \$	10.00 \$	10.00 \$	

\$ .23 waived fee rounding  
difference is subtracted from the  
(0.23) total service fees

Service Fee Total	\$	5,516.18
Earnings Credit Allowance	\$	3,948.21
<b>Total</b>	\$	<b>1,567.97</b>



# STATE BOARD OF DEPOSIT STATE OF OHIO

Members:  
Josh Mandel, Chairman  
Treasurer of State  
Mike DeWine  
Attorney General  
Dave Yost  
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 2018 – March 2018, are \$50,200.00.

*Josh Mandel*

CHAIRMAN

*Stacy Lumberger*

SECRETARY

*June 20, 2018*

DATE

Interactive Voice Recognition Project  
 3rd Quarter (January 2018 through March 2018)  
 Fiscal Year 2018  
 Invoice Number: FY18\_BDP\_QTR3

<b>Personal Services</b>		<b>Amount</b>
	January 2018	
	IT Services - FTE	9,000.00
	Revenue Management - FTE	7,500.00
	February 2018	
	IT Services - FTE	9,000.00
	Revenue Management - FTE	7,500.00
	March 2018	
	IT Services - FTE	9,000.00
	Revenue Management - FTE	7,500.00
	<b>Personal Services Total</b>	<b>49,500.00</b>

<b>VoIP Connections</b>	<b>Voucher</b>	<b>Amount</b>
	US Bank (VoIP Street)	00022733 250.00
	US Bank (VoIP Street)	00022850 250.00
	US Bank (VoIP Street)	00022972 200.00
	<b>VoIP Connection Total</b>	<b>700.00</b>

**Invoice Total 50,200.00**



JOSH MANDEL

**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.