



Petroleum Underground Storage Tank Release Compensation Board

P.O. Box 2280 • Westerville, Ohio 43086-2280
Phone: (614) 752-8963 • Fax: (614) 752-8397
www.petroboard.org

AGENDA

Petroleum UST Release Compensation Board

March 13, 2019 – 10:00 a.m.

- I. Chairman's Call to Order
- II. Approval of Minutes – January 9, 2019 Tab 1
- III. BUSTR Report – Interim Chief Verne Ord Tab 2
- IV. Financial Reports – Don Leasor
 - A. December and January Financials Tab 3
 - B. Claim Liability Study
- V. Compliance and Fee Assessment Report – Madelin Esquivel Tab 4
- VI. Claims Reports – Lora Kruse Tab 5
- VII. New Business
 - A. Appeal – Report & Recommendation Tab 6
Claim # 9555-0001/02/15/96-J
Owner: Seaway Gas and Petroleum Inc.
 - B. Hardship Applications
 - 1. Claim # 18752-0001/06/11/08 Tab 7
Owner: Charles V. Hanrahan
 - 2. Claim # 19104-0001/10/30/14 Tab 8
Owner: American United Oil Inc.
- VIII. Certificates of Coverage Ratification
 - A. 2016 Certificates – Issued & Denied Tab 9
 - B. 2017 Certificates – Issued & Denied Tab 10
 - C. 2018 Certificates – Issued & Denied Tab 11
- IX. Executive Session
- X. Confirm Next Meeting Date – June 12, 2019, and Adjourn

Memorandum

To: The Petroleum Underground Storage Tank Release Compensation Board
From: Interim Chief Verne Ord, BUSTR
Re: **BUSTR Report**
Date: March 13, 2019

PERSONNEL –

Verne Ord is currently assigned as Interim BUSTR Chief effective November 5, 2018.

Pat Bulzan has been moved off the LUST grant and onto the UST grant to perform all UST enforcement matters.

ADMINISTRATION –

The responsible party search program for FY19 is ongoing with 65 responsible party searches to be completed. To date 42 responsible party searches have been completed.

The ODSA's Abandoned Gas Station Cleanup Fund Program is ongoing with 74 BUSTR facility releases involved, 91 grant applications received, 76 awards made with 15 applications currently under review. 16 property cleanups have been completed with \$14,134,661 million of the allocated \$30 million having been awarded.

The LUST grant application for fiscal years FY19/FY20 was partially approved by U.S. EPA Region 5. The Region has awarded \$1,983,734 for FY19 only. This is a \$40,000 increase from FY18. The award for FY20 has not yet been finalized by U.S. EPA. The UST grant for FY19 is ongoing with application for FY20-FY21 federal grant assistance to be made in May 2019.

TRAINING AND STAFF DEVELOPMENT –

Commerce Human Resources and the Department of Administrative Services continue to provide various training and informational sessions for Commerce employees. All staff recently completed "Ethics" and "Securing Ohio" training through the ELM portal.

TRAINING TO STAKEHOLDERS –

To support local fire departments currently with or who are seeking "Delegation of Authority" from the State Fire Marshal to perform UST inspections, BUSTR held the Certified Installer course February 11-15, 2019 with 16 in attendance. The Certified Inspector course was held March 4-7, 2019 with 14 in attendance.

Five-Year Rule Review –

The Five-Year Rule Review for OAC 1301:7-9-20 “Revolving Loan Fund” was due February 1, 2019. An extension request to file was made on January 23, 2019 and approved by the JCARR. The State Fire Marshal has selected to file the rule in early May and anticipates an effective date of August 1, 2019.

ACTIVITY –

OTTER Database

IT Commerce continues to work with BUSTR to develop the new UST operational compliance statistics report to be used for the mid-year U.S. EPA LUST-4 reporting due April 5, 2019. The new report is currently in test mode.

Click Scheduling

No issues to report.

STATISTICS and/or COMMENTS –

Release Prevention

UST Operation Compliance Inspections

The current 3-year inspection cycle ends September 8, 2019.

For the week ending **March 1, 2019**

24 new inspections were performed for a total of **7,294** inspections. (3rd year of 3-year inspection cycle).

Corrective Action

No Further Action Letters (NFA)

The current grant cycle ends September 30, 2019.

For the week ending **March 1, 2019**

13 NFA's were generated, for a total of **206** NFA's
To - date target projection of total NFA's is **253**

Statistic	Count as of 3/1/2019
Number of Registered Tanks	21,172
Number of Owners of Registered Facilities	3,542
Number of Registered Facilities	7,143
Number of Active Releases	2,163
Number of Active Closures	1,377
Number of Program No Further Actions	30,556

MONTHLY INCOME FIGURES AS OF JANUARY 31, 2019 (CASH BASIS)

Fiscal 2019	July	August	September	October	November	December	January	Total YTD	% Of Budget	FY 2019 Budget
Tank Revenue										
In house collections *	7,724,907.00	302,646.00	132,647.00	77,010.00	35,660.00	53,940.00	57,650.00	8,384,460.00		
Net refunds paid	(22,992.00)	(5,960.00)	(2,750.00)	(9,300.00)	(7,900.00)	500.00	(8,833.00)	(57,235.00)		
AG collections	46,672.94	22,064.89	18,801.07	7,029.00	28,188.68	26,460.00	6,123.00	155,339.58		
Collection costs paid by owner	(1,310.16)	(3,255.00)	(3,887.62)	(660.00)	(186.68)	(1,658.56)	(728.54)	(11,686.56)		
Total Tank Revenue	7,747,277.78	315,495.89	144,810.45	74,079.00	55,762.00	79,241.44	54,211.46	8,470,878.02	100.25%	8,450,000
Interest Income										
Interest Earned	51,390.09	61,815.61	51,183.27	55,454.32	54,381.02	60,444.52	56,680.26	391,349.09	72.47%	540,000
Unearned Gain/(Loss) on Investments	(25,840.50)	37,053.80	(38,637.40)	3,528.90	36,562.20	86,829.70	20,103.40	119,600.10		
Total Interest Income	25,549.59	98,869.41	12,545.87	58,983.22	90,943.22	147,274.22	76,783.66	510,949.19		
Miscellaneous Income	5.58	11.44	11.95	16.56	18.94	59.17	9.16	132.80	13.28%	1,000
Total Income	7,772,832.95	414,376.74	157,368.27	133,078.78	146,724.16	226,574.83	131,004.28	8,981,960.01	99.90%	8,991,000
Claims Expense	140,616.84	1,326,653.34	358,355.88	311,198.51	529,297.53	452,490.23	735,540.62	3,854,152.95	42.82%	9,000,000
Operating Expenses										
Salaries	112,520.43	132,456.67	112,257.59	119,039.82	111,228.07	110,639.99	119,291.11	817,433.68	55.95%	1,461,000
Temp Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	20,000
Rent	25,619.72	0.00	12,809.86	12,809.86	25,619.72	12,787.07	12,787.07	102,433.30	65.66%	156,000
Office Supplies	892.52	2,297.27	2,009.92	1,588.74	1,038.89	1,646.93	921.00	10,395.27	51.98%	20,000
Printing & Copying *	2,204.31	282.78	851.59	1,413.13	379.59	409.68	153.75	5,694.83	37.97%	15,000
Legal & Professional										
L&P services	22,464.53	3,357.17	1,866.99	31,069.42	60,525.44	17,335.28	38,356.48	174,975.31		
Collection costs	3,792.59	475.02	6,320.20	5,023.15	2,055.60	2,975.41	2,875.75	23,517.72		
Collection costs paid by owner	(1,310.16)	(3,255.00)	(3,887.62)	(660.00)	(186.68)	(1,658.56)	(728.54)	(11,686.56)		
Total L & P Expense	24,946.96	577.19	4,299.57	35,432.57	62,394.36	18,652.13	40,503.69	186,806.47	77.84%	240,000
Travel	301.60	0.00	474.08	615.44	256.88	531.44	771.47	2,950.91	49.18%	6,000
Employee Expenses	28.44	0.00	0.00	277.35	235.00	0.00	267.93	808.72	80.87%	1,000
Telephone	2,086.53	701.10	373.91	1,952.69	1,047.10	1,027.54	423.70	7,612.57	58.56%	13,000
Postage *	423.90	16,222.23	564.76	542.63	482.26	4,337.12	395.39	22,968.29	76.56%	30,000
Depreciation	2,173.55	2,173.55	2,173.55	2,173.55	2,173.55	2,173.44	2,144.54	15,185.73	51.48%	29,500
Total Operating Expenses	171,197.96	154,710.79	135,814.83	175,845.78	204,855.42	152,205.34	177,659.65	1,172,289.77	58.86%	1,991,500
Net Income (Cash method)								3,955,517.29		

* Extremely cyclical; occurs mainly during and as a result of the fee assessment period.

Petroleum UST Release Compensation Board

**Balance Sheet
As of 01/31/2019**

Assets

Current Assets

108	State Cash Balance	171,971.82	
114	Treasury Notes	16,253,096.58	
138	Unclaimed Monies Trust Account	88,388.19	
140	Investments - Obligated	5,124,025.97	
141	Reinvested Interest - Obligated	91,004.66	
142	Investments - Unobligated	10,134,698.65	
143	Reinvested Interest-Unobligated	131,701.77	
	Total Current Assets		31,994,887.64

Fixed Assets

160	Fixed Asset-Furniture	118,454.48	
165	Fixed Asset-Data Processing	866,909.82	
169	Accumulated Depreciation	(907,136.60)	
	Total Fixed Assets		78,227.70
	Total Assets		\$32,073,115.34

Liabilities

Current Liabilities

Total Current Liabilities	0.00
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Long Term Liabilities

Total Long Term Liabilities	0.00
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Total Liabilities	\$0.00
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Equity

Equity Accounts

283	Retained Earnings (Deficiency)	24,457,251.48	
	Current Year Income (Loss)	7,615,863.86	
	Total Equity		32,073,115.34
	Total Liabilities and Equity		\$32,073,115.34

Petroleum UST Release Compensation Board

Income Statement

For the Month Ended 01/31/2019

Operating Income		Year To Date
301	Tank Fees	54,211.46
303	Investment Income	76,783.66
Total Operating Income		130,995.12
Operating Expenses		
350	Claims Paid	735,540.62
Total Operating Expenses		735,540.62
Administrative Expenses		
621	Salaries	101,200.00
634	Rent	12,787.07
638	Office Supplies	921.00
639	Printing & Copying	153.75
668	Legal & Professional	40,503.69
669	Depreciation Expense	2,144.54
672	Travel	771.47
675	Employee Expenses	267.93
680	Telephone	423.70
681	Postage	395.39
Total Administrative Expenses		159,568.54
Other Income		
701	Miscellaneous Income	9.16
Total Other Income		9.16
Net Income (Loss)		(\$764,104.88)

Petroleum UST Release Compensation Board

Trial Balance

Transaction Dates 01/01/2019 to 01/31/2019

Account	Account	Beginning Balance	Transaction	Ending Balance
108	State Cash Balance	125,175.20	46,796.62	171,971.82
114	Treasury Notes	16,210,641.66	42,454.92	16,253,096.58
138	Unclaimed Monies Trust Account	88,200.51	187.68	88,388.19
140	Investments - Obligated	5,859,566.59	(735,540.62)	5,124,025.97
141	Reinvested Interest - Obligated	78,826.92	12,177.74	91,004.66
142	Investments - Unobligated	10,284,698.65	(150,000.00)	10,134,698.65
143	Reinvested Interest-Unobligated	109,738.45	21,963.32	131,701.77
160	Fixed Asset-Furniture	118,454.48	0.00	118,454.48
165	Fixed Asset-Data Processing	866,909.82	0.00	866,909.82
169	Accumulated Depreciation	(904,992.06)	(2,144.54)	(907,136.60)
283	Retained Earnings (Deficiency)	(24,457,251.48)	0.00	(24,457,251.48)
301	Tank Fees	(10,171,966.48)	(54,211.46)	(10,226,177.94)
303	Investment Income	(434,165.53)	(76,783.66)	(510,949.19)
350	Claims Paid	1,455,269.29	735,540.62	2,190,809.91
621	Salaries	518,581.84	101,200.00	619,781.84
634	Rent	89,646.23	12,787.07	102,433.30
638	Office Supplies	8,581.75	921.00	9,502.75
639	Printing & Copying	3,570.77	153.75	3,724.52
668	Legal & Professional	121,904.49	40,503.69	162,408.18
669	Depreciation Expense	13,041.19	2,144.54	15,185.73
672	Travel	1,877.84	771.47	2,649.31
675	Employee Expenses	512.35	267.93	780.28
680	Telephone	6,906.05	423.70	7,329.75
681	Postage	6,395.11	395.39	6,790.50
701	Miscellaneous Income	(123.64)	(9.16)	(132.80)
		0.00	0.00	0.00

MONTHLY INCOME FIGURES AS OF DECEMBER 31, 2018 (CASH BASIS)

Fiscal 2019

	July	August	September	October	November	December	Total YTD	% Of Budget	FY 2019 Budget
Tank Revenue									
In house collections *	7,724,907.00	302,646.00	132,647.00	77,010.00	35,660.00	53,940.00	8,326,810.00		
Net refunds paid	(22,992.00)	(5,960.00)	(2,750.00)	(9,300.00)	(7,900.00)	500.00	(48,402.00)		
AG collections	46,672.94	22,064.89	18,801.07	7,029.00	28,188.68	26,460.00	149,216.58		
Collection costs paid by owner	(1,310.16)	(3,255.00)	(3,887.62)	(660.00)	(186.68)	(1,658.56)	(10,958.02)		
Total Tank Revenue	7,747,277.78	315,495.89	144,810.45	74,079.00	55,762.00	79,241.44	8,416,666.56	99.61%	8,450,000
Interest Income									
Interest Earned	51,390.09	61,815.61	51,183.27	55,454.32	54,381.02	60,444.52	334,668.83	61.98%	540,000
Unearned Gain/(Loss) on Investments	(25,840.50)	37,053.80	(38,637.40)	3,528.90	36,562.20	86,829.70	99,496.70		
Total Interest Income	25,549.59	98,869.41	12,545.87	58,983.22	90,943.22	147,274.22	434,165.53		
Miscellaneous Income	5.58	11.44	11.95	16.56	18.94	59.17	123.64	12.36%	1,000
Total Income	7,772,832.95	414,376.74	157,368.27	133,078.78	146,724.16	226,574.83	8,850,955.73	98.44%	8,991,000
Claims Expense	140,616.84	1,326,653.34	358,355.88	311,198.51	529,297.53	452,490.23	3,118,612.33	34.65%	9,000,000
Operating Expenses									
Salaries	112,520.43	132,456.67	112,257.59	119,039.82	111,228.07	110,639.99	698,142.57	47.79%	1,461,000
Temp Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	20,000
Rent	25,619.72	0.00	12,809.86	12,809.86	25,619.72	12,787.07	89,646.23	57.47%	156,000
Office Supplies	892.52	2,297.27	2,009.92	1,588.74	1,038.89	1,646.93	9,474.27	47.37%	20,000
Printing & Copying *	2,204.31	282.78	851.59	1,413.13	379.59	409.68	5,541.08	36.94%	15,000
Legal & Professional									
L&P services	22,464.53	3,357.17	1,866.99	31,069.42	60,525.44	17,335.28	136,618.83		
Collection costs	3,792.59	475.02	6,320.20	5,023.15	2,055.60	2,975.41	20,641.97		
Collection costs paid by owner	(1,310.16)	(3,255.00)	(3,887.62)	(660.00)	(186.68)	(1,658.56)	(10,958.02)		
Total L & P Expense	24,946.96	577.19	4,299.57	35,432.57	62,394.36	18,652.13	146,302.78	60.96%	240,000
Travel	301.60	0.00	474.08	615.44	256.88	531.44	2,179.44	36.32%	6,000
Employee Expenses	28.44	0.00	0.00	277.35	235.00	0.00	540.79	54.08%	1,000
Telephone	2,086.53	701.10	373.91	1,952.69	1,047.10	1,027.54	7,188.87	55.30%	13,000
Postage *	423.90	16,222.23	564.76	542.63	482.26	4,337.12	22,572.90	75.24%	30,000
Depreciation	2,173.55	2,173.55	2,173.55	2,173.55	2,173.55	2,173.44	13,041.19	44.21%	29,500
Total Operating Expenses	171,197.96	154,710.79	135,814.83	175,845.78	204,855.42	152,205.34	994,630.12	49.94%	1,991,500
Net Income (Cash method)							4,737,713.28		

* Extremely cyclical; occurs mainly during and as a result of the fee assessment period.

Petroleum UST Release Compensation Board

**Balance Sheet
As of 12/31/2018**

Assets

Current Assets

108	State Cash Balance	125,175.20	
114	Treasury Notes	16,210,641.66	
138	Unclaimed Monies Trust Account	88,200.51	
140	Investments - Obligated	5,859,566.59	
141	Reinvested Interest - Obligated	78,826.92	
142	Investments - Unobligated	10,284,698.65	
143	Reinvested Interest-Unobligated	109,738.45	
	Total Current Assets		<u>32,756,847.98</u>

Fixed Assets

160	Fixed Asset-Furniture	118,454.48	
165	Fixed Asset-Data Processing	866,909.82	
169	Accumulated Depreciation	(904,992.06)	
	Total Fixed Assets		<u>80,372.24</u>
	Total Assets		<u><u>\$32,837,220.22</u></u>

Liabilities

Current Liabilities

Total	Current Liabilities	<u>0.00</u>
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Long Term Liabilities

Total	Long Term Liabilities	<u>0.00</u>
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Total Liabilities	<u><u>\$0.00</u></u>
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Equity

Equity Accounts

283	Retained Earnings (Deficiency)	24,457,251.48	
	Current Year Income (Loss)	8,379,968.74	
	Total Equity		<u>32,837,220.22</u>
	Total Liabilities and Equity		<u><u>\$32,837,220.22</u></u>

Petroleum UST Release Compensation Board

Income Statement

For the Month Ended 12/31/2018

Operating Income		Year To Date
301	Tank Fees	79,241.44
303	Investment Income	147,274.22
Total Operating Income		226,515.66
Operating Expenses		
350	Claims Paid	452,490.23
Total Operating Expenses		452,490.23
Administrative Expenses		
621	Salaries	153,400.00
634	Rent	12,787.07
638	Office Supplies	1,646.93
639	Printing & Copying	409.68
668	Legal & Professional	18,652.13
669	Depreciation Expense	2,173.44
672	Travel	531.44
675	Employee Expenses	0.00
680	Telephone	1,027.54
681	Postage	4,337.12
Total Administrative Expenses		194,965.35
Other Income		
701	Miscellaneous Income	59.17
Total Other Income		59.17
Net Income (Loss)		(\$420,880.75)

Petroleum UST Release Compensation Board

Trial Balance

Transaction Dates 12/01/2018 to 12/31/2018

Account	Account	Beginning Balance	Transaction	Ending Balance
108	State Cash Balance	88,614.60	36,560.60	125,175.20
114	Treasury Notes	16,096,912.72	113,728.94	16,210,641.66
138	Unclaimed Monies Trust Account	88,022.78	177.73	88,200.51
140	Investments - Obligated	6,312,056.82	(452,490.23)	5,859,566.59
141	Reinvested Interest - Obligated	66,485.84	12,341.08	78,826.92
142	Investments - Unobligated	10,434,698.65	(150,000.00)	10,284,698.65
143	Reinvested Interest-Unobligated	88,763.88	20,974.57	109,738.45
160	Fixed Asset-Furniture	118,454.48	0.00	118,454.48
165	Fixed Asset-Data Processing	866,909.82	0.00	866,909.82
169	Accumulated Depreciation	(902,818.62)	(2,173.44)	(904,992.06)
283	Retained Earnings (Deficiency)	(24,457,251.48)	0.00	(24,457,251.48)
301	Tank Fees	(10,092,725.04)	(79,241.44)	(10,171,966.48)
303	Investment Income	(286,891.31)	(147,274.22)	(434,165.53)
350	Claims Paid	1,002,779.06	452,490.23	1,455,269.29
621	Salaries	365,181.84	153,400.00	518,581.84
634	Rent	76,859.16	12,787.07	89,646.23
638	Office Supplies	6,934.82	1,646.93	8,581.75
639	Printing & Copying	3,161.09	409.68	3,570.77
668	Legal & Professional	103,252.36	18,652.13	121,904.49
669	Depreciation Expense	10,867.75	2,173.44	13,041.19
672	Travel	1,346.40	531.44	1,877.84
675	Employee Expenses	512.35	0.00	512.35
680	Telephone	5,878.51	1,027.54	6,906.05
681	Postage	2,057.99	4,337.12	6,395.11
701	Miscellaneous Income	(64.47)	(59.17)	(123.64)
		0.00	0.00	0.00

***Ohio Petroleum Underground Storage
Tank Release Compensation Board***

Estimated Unpaid Claims Liability

As of June 30, 2018

Petroleum Underground Storage Tank Release Compensation Board
Estimate of Unpaid Reimbursement Liability
For the Year Ended June 30, 2018

Purpose of Report

The Petroleum Underground Storage Tank Release Compensation Board (the Board) was created in 1989 to administer Ohio's Petroleum Underground Storage Tank (UST) Financial Assurance Fund (the Fund). The Fund was created in response to U. S. Environmental Protection Agency (EPA) regulations requiring responsible persons (UST owners and operators) to demonstrate the capability to pay for correction actions caused by accidental releases of petroleum from UST systems and costs for third party liability resulting from releases. The Fund generally reimburses UST owners up to \$1 million per release, less a deductible. The deductible is based on the number of tanks owned and fees paid in a given year. An owner may receive up to \$4 million per year, depending on the number of tanks owned. To obtain a Certificate of Coverage and be eligible for reimbursement from the Fund, owners must participate in the Fund by paying an annual per-tank fee and certifying compliance with federal and state regulations as well as complying with the Board's internal procedures regarding the reporting and remediation of releases.

The Board annually estimates the unpaid reimbursement liability of the Fund. In fiscal years' 2003 and 2007, as a result of changes in assumptions, the Board engaged a professional actuary firm to perform an independent review of the assumptions and methodology used in developing this estimate as well as to provide an estimate of the Fund's unpaid reimbursement liability for the fiscal year under review. Under the guidance of a professional actuary firm, beginning in fiscal year 2010, management modified the historical analysis framework by adjusting the data available at April 30 to expected June 30 values. These expected values are then used in the development of the loss reserve estimate at June 30.

As a result of ongoing litigation, the Board suspended the settlement of 219 claims filed by four major oil companies (Held claims). To determine whether this suspension has an impact on the estimate of the Fund's unpaid reimbursement liability, at its March 21, 2018 meeting, the Board approved contracting with an independent actuarial firm (the Actuary) for the purpose of assisting the Fund in developing potential claim liability estimates for unpaid claims as of June 30, 2018. Accordingly, the Actuary performed an independent analysis of the Fund's Held claims and management performed an internal analysis of the non-Held claims. The Actuary reviewed management's internal analysis and provided feedback and suggestions in a formal report provided to the Fund (referred to herein as the Independent Actuarial Analysis), and highlighted the impact of certain assumptions on the results for management's consideration. A copy of the Independent Actuarial Analysis may be obtained, pursuant to Ohio Revised Code 149.43, by writing to the Board at P.O. Box 2280, Westerville, Ohio, 43086-2280 or by calling 614-752-8963

The following report and schedules are management's estimate of the Fund's loss reserves for the year ended June 30, 2018.

Approach

Separation of Held and Non-Held Claims

To facilitate the review of Held claims by the Actuary, using data available as of April 30, 2018, management identified 219 claims which have been placed on hold due to ongoing litigation. This data along with historical data on all Held and non-Held claims as of April 30, 2017 was provided to the Actuary. A database containing only non-Held claim data as of April 30, 2018 was used by management to prepare the unpaid claim liability estimate for the non-Held claims.

The Actuary performed an independent analysis of the Held claims and provided its findings to management. The results of the Actuary's analysis were combined with management's analysis of the non-Held claims to obtain the total estimate of the Fund's unpaid claims liability as of June 30, 2018. Additionally, the Actuary reviewed management's analysis of the non-Held claims and provided comments and suggestions which were used in revising management's estimate as of June 30, 2018.

Use of April 30 data

Similar to the loss reserve estimate for fiscal year 2017, the Board's staff has prepared this report utilizing data available as of April 30, 2018 to estimate the Fund's unpaid reimbursement liability as of June 30, 2018.

Using data available as of April 30, 2018, adjustments were made to the most current year's data (July 1, 2017 – June 30, 2018) to provide expected values as of June 30, 2018. The adjustment, which assumes no seasonality in the notification or payment of claims is as follows:

Estimated June 30, 2018 value = June 30, 2017 value + (April 30, 2018 value – June 30, 2017 value) x (12/10)

The development of the loss reserve estimate utilized values adjusted to June 30, 2018 for the following items:

- Paid Losses (Reported Exhibit 6)
- Gross Face Value (Reported Exhibit 18)
- Reported Claims by Notification Year (Reported Exhibit 29)
- Closed Claims (Reported Exhibit 30)
- Paid Loss on Closed Claims (Reported Exhibit 11)

The Ratio of Disallowed Costs on Closed Claims to Cumulative Gross Face Value on Closed Claims (Reported Exhibit 25), and the Ratio of Deductible Recoveries on Closed Claims to Cumulative Gross Face Value less Disallowed Costs on Closed Claims (Reported Exhibit 27) use unadjusted April values.

The use of values adjusted to June 30 has the potential to impact the development process. Variances could exist due to abnormalities occurring during the last two months of the fiscal year in relation to the number of claims submitted, amount of gross face value from claims submitted, amount of claim payments, and number of claims closed. However, based upon a comparison of management's expected values against actual data as of June 30, 2018, the utilization of the April 30, 2018 data to develop expected June 30, 2018 values did not result in a significant variance that could have distorted the results of the development process.

Actuarial Methods

For the review of non-Held claims, management used the following five actuarial methods in projecting ultimate fund losses by program notification year:

- Paid loss development
- Average loss
- Bornhuetter-Ferguson using average loss and paid loss
- Ultimate gross face value adjusted for disallowed costs and deductible recoveries
- Bornhuetter-Ferguson using ultimate gross face value and paid loss

Based on the results of these five tests, ultimate losses are selected by program notification year.

The estimated liability on the incurred but not reported (IBNR) claims as of June 30, 2018 was determined by estimating the ultimate claims by program release year using the following two actuarial methods:

- Reported claim development
- Bornhuetter-Ferguson using exposures and reported claims

Because of regulatory requirements that the Board receive an Application for Eligibility within one year of the release date, the liability on unreported claims is limited to only the latest release year. For fiscal year 2018, this is the period of July 1, 2017 through June 30, 2018.

In addition to the IBNR claims, 30 applications for eligibility were pending review and determination at June 30, 2018. These are added to the IBNR counts. Based on past history, management estimates that the applicant of approximately 68% of the IBNR and pending applications will be granted eligibility to file claims for reimbursement with the Fund.

Findings

The Independent Actuarial Analysis of the Held claims provided a range of net unpaid claim liability as follows:

Estimate	Total
Optimistic	\$ 15,860,000
Actuarial Central	\$ 22,460,000
Pessimistic	\$ 31,920,000

Following discussions with the Actuary, management selected the Actuary's Actuarial Central Estimate of \$22,460,000 as the total unpaid claim liability for Held claims. It is management's understanding that the Actuarial Central Estimate reflects assumptions in line with the Fund's historical experience and is neither optimistic, nor pessimistic. The Fund estimated that of the total \$22,460,000 unpaid claim liability estimate provided by the Actuary, \$22,100,000 would be allocated for Held claims reported prior to June 30, 2018, and \$360,000 would be allocated for Held claims incurred but not reported as of June 30, 2018.

Management's estimate of the unpaid claim liability for non-Held claims reported as of the valuation date of June 30, 2018 is \$17,823,644. Management's estimated unpaid claim liability of non-Held claims incurred but not reported as of June 30, 2018 is \$2,336,400.

Based on management's analysis of non-Held claims and its selection of the Actuarial Central Estimate for Held claims, the Fund's total unpaid loss liability as of June 30, 2018 is estimated at \$42,620,044.

The table below details this amount and compares it to the estimate of the unpaid loss liability as of June 30, 2017.

Summary of Unpaid Liabilities				
Valuation Date		Claims Reported As of Valuation Date	Claims Unreported As of Valuation Date	Total
June 30, 2018	Non-Held Claims	\$ 17,823,644	\$ 2,336,400	
	Held Claims	22,100,000	360,000	
	Total	\$ 39,923,644	\$ 2,696,400	\$ 42,620,044
June 30, 2017		\$ 31,793,652	\$ 2,464,500	\$ 34,258,152

Changes from Prior Estimates

Reported Claims

The increase in the estimated unpaid liability for reported claims from the June 30, 2017 valuation is a result of claim reimbursements being paid at a rate less than the increase in the estimated ultimate loss. The estimated ultimate loss increased approximately \$16.02 million from June 30, 2017 to June 30, 2018. The increase in the estimated ultimate loss has three components. The first is the change in the estimates of ultimate losses for Notification Years 2016 and prior, which increased by \$15.0 million. The second component is the estimate of ultimate losses for Notification Year 2016 which totaled \$790,000. The third component is the change in the estimate of Unreported Claims, which increased by \$231,900. By comparison, in fiscal year 2018, approximately \$7.66 million was reimbursed.

The following table summarizes the change in the Estimated Unpaid Ultimate Losses:

<u>Estimate as of June 30, 2017</u>	
(1) Notification Years 2016 and Prior	\$ 31,793,652
(2) Unreported Claims	2,464,500
(3) Total	\$ 35,258,152
<u>Change in Estimated Ultimate Claims</u>	
(4) Notification Years 2016 and Prior	\$ 14,997,668
(5) Notification Year 2017	790,000
(6) Unreported Claims	231,900
(7) Total	\$ 16,019,568
(8) <u>Paid Losses June 30, 2017 – June 30, 2018</u>	\$ 7,657,676
(9) <u>Unpaid Loss June 30, 2018 [(3)+(7)-(8)]</u>	\$ 42,620,044

A significant factor in the increase of the estimate from the prior year is the change in methods used to make selections which impact the estimated total ultimate loss. The last time management utilized an outside actuarial firm to prepare the estimate the unpaid reimbursement liability was for the period ending June 30, 2007. In the interim period management has prepared the estimate annually based on the practices learned at that time. Although the Actuary did not prepare an analysis of the total estimated unpaid claim liability, their professional input was very beneficial to management's evaluation process. During the development of the reserve estimate changes were made to methods of making selections based on suggestions presented by the Actuary. The changes made are discussed in the "Changes from Prior Analysis" section below. It is management's belief that the result of the changes, although a significant increase, presents a more accurate estimate that is more conservative than the estimate presented in the prior fiscal year.

Unreported Claims

Unreported claims has two components:

- Incurred but Not Reported; and
- Undetermined eligibility applications.

The estimated loss on unreported claims increased approximately 9.4% from June 30, 2017 to June 30, 2018. This is a result of an increase in the selected average loss for the non-Held claims, which is based upon the selected ultimate loss from reported claims; and the average loss per claim for the estimated two incurred by not reported Held claims.

Changes from Prior Analysis

Changes in the methods used to make selections in the process of determining the estimated ultimate loss impact the loss reserves. Based on discussions with the Actuary, management made changes in the way selections were made for the valuation period ending June 30, 2018, as follows:

- **Selection of Development Factors**

The selection of paid loss development factors, shown in Reported Exhibit 7, utilizes the same overall approach as in prior years. However, the development factor for the intervals 24-36 through 84-96 was selected based on the "Volume Weighted Average Excluding Hi/Low." The prior year report utilized the "5 Year Volume Weighted Average Excluding Last 1 Years." This change decreased the selected development factors for notification years 2011 through 2016 and resulted in a decrease in the undeveloped paid loss for notification years 2011 through 2016. The effect of this change ultimately is shown in Reported Exhibit 4, column 5, which was used in management's selection of ultimate losses on Reported Exhibit 1.

- **Selection of the Average Loss**

The selected average loss, shown in Reported Exhibit 10, is based on the preliminary average loss for notification years 1989 through 2008. For notification years 2009 through 2016, the selected average loss is a rounded average of the preliminary average loss of notification year 2008 through the associated notification year. For notification year 2017, the selected average loss is a rounded average of the preliminary average loss of notification year 2008 through 2016. In the prior year's report, the selected average loss was based on the preliminary average loss for notification years 1989 through 2011. For notification years 2012 through 2015, the selected average loss was a rounded average of the preliminary average loss of notification year 2011 through the associated notification year and for notification year 2016, the selected average loss was a rounded average of the preliminary average loss of notification year 2011 through 2015. This change has the effect of decreasing the selected average loss for notification years 2009 through 2017; however, it did not impact management's selection of ultimate losses on Reported Exhibit 1.

- **Selection of the Average Gross Face Value**

The selected average gross face value, shown on Reported Exhibit 22, is based on the preliminary average gross face value from notification years 1989 through 2009. For notification years 2010 through 2016, the selected average gross face value is a rounded average of the preliminary average gross face value of notification year 2000 through the associated notification year. For notification years 2016 and 2017, the selected average gross face value is a rounded average of the preliminary average gross face value of notification years 2000 through 2015. In the prior year's report the selected average gross face value was based on the preliminary average gross face value from notification years 1989 through 2009. For notification years 2010 through 2014, the selected average gross face value was a rounded average of the preliminary average gross face value of notification year 2009 through the associated notification year, and for notification years 2015 and 2016, the selected average gross face value was a rounded average of the preliminary average gross face value of notification years 2011 through 2014. This change has the effect of decreasing the selected average gross face values for notification years 2010 through 2017 and is shown in Reported Exhibit 4, column 5, which was used in management's selection of ultimate losses on Reported Exhibit 1.

- **Selected Ratio of Disallowed Costs to Gross Face Value**

The selected ratio of disallowed costs to gross face value, shown on Reported Exhibit 24, was selected using the same overall approach as in the prior year. However, for notification years 2005 through 2017, the ratio was calculated by using the rounded average of the ratios in Reported Exhibit 25, column 3, from notification year 2000 through 2013. In the prior year's report, the ratio of disallowed costs to gross face value for notification years 2000 through 2016 was selected based on the total cumulative disallowed costs on closed claims to the total cumulative gross face value on closed claims. This change has the effect of increasing the selected ratio of disallowed costs for notification years 2005 through 2017, which results in an increase in the ultimate disallowed costs.

The effect of this change is shown in Reported Exhibit 4, columns 4 and 5, which are used in management's selection of ultimate losses on Reported Exhibit 1.

- Selected Ratio of Deductible Recoveries to Total Gross Face Value Less Disallowed Costs

The method to select the ratios to estimate the ultimate deductible recoveries, shown in Reported Exhibit 26, utilizes the same overall approach as in previous years. However, for notification years 2008 through 2017, the ratio of deductible recoveries to total gross face value less disallowed costs on closed claims is based on an average of the ratios from 2000 through 2012 found on Reported Exhibit 27. In the prior years' report, the selected ratio for notification years 2007 through 2016 was based on an average of the ratios from 2006 through 2012. This change has the effect of decreasing the selected ratio of deductible recoveries for notification years 2008 through 2017, resulting in a decrease in the ultimate deductible recoveries. The effect of this change is shown in Reported Exhibit 4, columns 4 and 5, which are used in management's selection of ultimate losses on Reported Exhibit 1.

Considerations

Revisions in federal law and the Ohio Administrative (OAC) and Revised (ORC) Codes as well as the Board's internal procedures affect the timing and amount of claim reimbursements. The following changes and assumptions are incorporated in previous reports and continue to affect the outcome of management's estimate:

- UST Performance Standards

In 1988, more stringent requirements were mandated for the design, installation, corrosion protection and release detection of petroleum USTs. All existing tanks were required to be upgraded by December 22, 1998. However, because owners were permitted to take their tanks out of service for up to one year prior to replacement or upgrading, management assumes that all tanks meet the new performance standards as of December 22, 1999.

Because the process of removing and replacing tanks leads to the discovery of more releases, the Fund experienced a large number of claims leading up to December 22, 1998. The number of releases versus the number of tanks decreased significantly after the upgrade deadline and management assumes that this reduced frequency will continue.

- Change in Procedures for Providing Notification (1996)

Prior to 1996, no restrictions existed with regards to notifying the Board of a release. Consequently, the Board may have not received notification of a release occurring in 1990 until several years later. However, effective in November 1996, a change to the OAC imposed a one-year time limit for notifying the Board of a discovered release. Releases required to be reported to the State Fire Marshal (SFM) prior to January 1, 1996 were now required to be reported to the Board on or before January 1, 1997. Releases occurring thereafter must be reported to the Board within one year from the date the release or suspected release, whichever is first, was required to be reported to the SFM. This change in reporting resulted in the unusually high number of claims reported to the Board during the 1996 notification year and the corresponding increase in gross face value.

- Change in Procedures for Submitting Costs (1999)

Prior to 1999, no restrictions were placed on the timing of cost submissions. Owners could submit costs at any point during investigation and remediation of the release or alternatively, wait until all corrective action was complete. However, a change to the OAC in 1999 required that all costs incurred for corrective action program tasks completed prior to July 1, 1999 and that were not previously submitted to the Board, be submitted by July 1, 2000. In addition, costs for program tasks that were completed after July 1, 2000 are required to be submitted within a year of the completion date defined within the OAC.

The immediate effect of this change was a significant increase in the amount of costs submitted in the 1999 notification year. Requiring timely submission of costs results in the acceleration of the reported gross face value when compared to costs submitted prior to this change.

- Change in Reimbursement of Non Pre-approved Costs

After the Board's staff reviews a reimbursement application, a settlement determination is issued to the owner. Settlements are generally determined as the gross face value less non-reimbursable and undocumented costs and an individual owner's deductible amount. Beginning in 1999, certain corrective action costs require pre-approval in order to be eligible for full reimbursement. Costs that were not pre-approved as required were subject to a 10% reduction in the amount of reimbursement. In 2003, this 10% reduction was increased to 20% and in April 2005, it was increased to 50%. Effective November 30, 2009, the Board amended its rule, OAC 3737-1-12.1, requiring the pre-approval of costs. As a result of this amendment, only costs exceeding the pre-approved amount by more than 20% or \$6,000, whichever is less, that are not pre-approved are subject to a 50% reduction in the amount of reimbursement.

Because the pre-approval process combined with the penalty for failure to obtain pre-approval when required provides incentive to use the most cost effective cleanup method, management believes mandatory cost pre-approval has the effect of reducing both gross face value and disallowed costs. Additionally, management believes the November 30, 2009 change to the OAC does not impact its estimate of ultimate losses.

- Introduction of Risk Based Corrective Action (RBCA) (1999)

In 1999, a new set of standards for corrective actions was introduced which impacted all releases occurring on or after March 31, 1999. A Risk-Based Corrective Action (RBCA) process was established, allowing for site specific cleanup remedies based on the anticipated future use of the site. Previous to that time, all corrective actions were held to generic standards without consideration of future site use. It was anticipated that the speed of the corrective action process would be accelerated and the overall cost of remediation would be reduced with the implementation of the RBCA process.

Responsible persons with claims, where the release date was before March 31, 1999 (regardless of the status of the corrective action), had the option to remediate their sites in compliance with either the original (non-RBCA) standards or the RBCA process. In loss reserve analyses prior to June 30, 2007, an adjustment was included to reflect the possible impact of the optional RBCA processing. However, beginning with the June 30, 2007 valuation, management assumes the impact from RBCA is imbedded within the data used to develop the estimates and as a result, an adjustment is not necessary.

- Mandatory Risk Based Corrective Action (RBCA) (2005)

Beginning in March 2005, existing clean ups being conducted under the 1992 or 1999 corrective action rules were required to transition to the 2005 RBCA rules by September 1, 2005 or March 1, 2006, respectively, unless approval to remain in an earlier version of the rule was sought from and granted by the SFM. Under the 2005 RBCA rules, the corrective action levels were lowered thereby increasing the amount of corrective action that must be performed to reach acceptable levels of contamination that may remain at the release site. In addition, the 2005 RBCA rules require additional testing and reporting. Consequently, the costs of corrective action are anticipated to increase for releases that were transitioned to or occurred after the implementation of the March 31, 2005 corrective action rules.

- State Fire Marshal's Corrective Action Rules (2012)

Beginning in March 2012, existing clean ups being conducted under the 1992, 1999, or 2005 corrective action rules were required to transition to the 2012 rules by October 1, 2012, unless approval to remain in an earlier version of the rule was sought from and granted by the SFM. For a limited number of releases transitioned from the 2005 to 2012 corrective action rules, the change will decrease the amount of corrective action that must be performed to reach acceptable levels of contamination that may remain at the release site. This, in turn, will reduce the costs to closure of

corrective action for this limited number of releases. It is management's belief that costs for transitioning to the 2012 correction action rule do not significantly impact the Fund's liability.

- State Fire Marshal's Corrective Action Rules (2017)

Effective September 1, 2017, the SFM amended rule 1301:7-9-13 of the Administrative Code to include additional chemicals of concern (COCs). Unlike the 2005 and 2012 corrective action rules previously discussed, responsible persons are not required, but may elect, to conduct corrective actions for a release discovered before the effective date of the rule in accordance with the 2017 corrective action rule. Releases discovered on or after September 1, 2017 must be assessed and remediated under the 2017 corrective rule. Chemicals of concern that exceed site specific target levels must be cleaned up to acceptable levels. It is management's belief that any additional costs to test for and clean up these newly added COCs will not significantly impact the Fund's liability.

- Limitations on Annual Reimbursement Amounts

Prior to the 1997 notification year, no restrictions were placed on the amount of funds available to make reimbursements during an annual period. Effective with the 1997 notification year, changes to the OAC required the Board to annually obligate a set amount of funds for the payment of claims reimbursements. The amounts obligated by notification year were as follows:

Years	Annual Obligated Amount
1997 - 2000	\$15 Million
2001	\$12 Million
2002 – 2005	\$10 Million
2006 – 2009	\$9 Million
2010	\$8 Million
2011-2018	\$9 Million

- Change in Procedures for Processing and Prioritizing Claims Reimbursement

As a means to collectively settle costs submitted incrementally for reimbursement and to manage the backlog of claims created by the regulations requiring timely submission of corrective action costs for reimbursement, beginning in 2004 and continuing through the 2009 notification year, the Board offered lump sum settlements to three major oil companies for releases for which the SFM had issued a "No Further Action" (NFA) determination. A summary of those lump sum settlements follows:

Notification Year	Lump Sum Payments	Lump Sum Claims
2003	\$663,775	36*
2004	\$1,517,500	91
2005	\$912,000	23
2006	\$1,832,000	34
2008	\$1,820,000	30
2009	\$1,215,000	96

*In 2007, 24 claims were re-opened and additional costs continue to be submitted with a 25% reduction in the reimbursable costs as determined by the Board.

Until April 2005, applications for claim reimbursement were generally settled on a first-come, first-serve basis. Applications are submitted incrementally as corrective action program tasks are completed. A change to the OAC in 2005 permitted the prioritization of applications based on the NFA status. Consequently, when the SFM issues a determination of NFA, all in-house applications can be simultaneously reviewed and settled.

Both the lump sum settlements and the prioritizing of reimbursement applications according to the NFA status had the affect of accelerating the number of closed claims and the determination of disallowed costs and deductible values. The prioritization of claims also had the unintended effect of increasing the time to review claims for releases with ongoing investigation and remediation. In December 2011, the prioritization of applications based on NFA status was discontinued and all in-house unsettled claims are generally settled on a first-come, first-serve basis.

- Claims Lag

Due to the regulations requiring incremental and timely submission of corrective action costs for reimbursement and staffing limitations, the number of claim reimbursement applications received exceeded the number of claim reimbursement applications settled from the 1999 notification year to the 2010 notification year. This in turn delayed the determination of disallowed costs and the issuance of claim reimbursement payments, affecting the development factors. In the seven most recent notification years, the number of claim reimbursement applications settled outpaced the number of claim reimbursement applications received. It is management's belief that the recent trend of claim reimbursement applications settled exceeding the claim reimbursement applications received will continue into the future. The change does not significantly affect the development factors for the June 30, 2018 estimate.

- Ongoing Data Clean-Up

Beginning in 1999, the Board began a re-write of its database system. As part of this project, claims reimbursement data was migrated to the new system and data integrity checks were implemented. Over the past several years, the claims tracking data was reviewed and corrected where appropriate.

In the current reporting period, two claims which were previously under appeal and not included in the data in prior years, were added to the 2014 and 2015 notification year's data upon resolution of the appeal. It is management's belief that this change does not have a significant impact on its estimate of the Fund's ultimate losses.

Although future changes in historical values are not currently anticipated, data corrections may nonetheless be required. However, any changes will continue to be very minimal.

- Claims Suspended Due to Pending Litigation

At its January 2015 meeting, the Board took action to suspend the settlement of any and all claim reimbursement applications filed by or on behalf of any responsible person against whom the Board has authorized the filing of a complaint in litigation. As of June 30, 2018, the Board has authorized the filing of four complaints and the settlement of claim applications for the reimbursement of costs related to 219 claims has been suspended. In the current 2018 fiscal year, the Board retained an independent actuarial firm to assist management with determining the impact of this suspension on the Fund's loss reserves. Therefore, it is management's belief that the effect of this suspension on the Fund's loss reserves has been incorporated in the development of the potential claim liability for unpaid claims as of June 30, 2018.

Limitations / Caveats

The results of this analysis are management's estimates and are likely to change from one valuation period to the next. The changes are due not only to the uncertain nature of the claims reimbursement process, but also because the past is used to forecast the future, with the assumption that the conditions that existed in the past will continue.

Summary of Reserve Estimates

As of June 30, 2018

(A) Estimated Loss Reserves From Non-Held Claims Reported Prior to 7/1/18:	\$ 17,823,644
(B) Estimated Loss Reserves From Held Claims Reported Prior to 7/1/18:	22,100,000
(C) Estimated Loss Reserves From Non-Held Claims Reported or Approved After 7/1/18:	2,336,400
(D) Estimated Loss Reserves From Held Claims Reported or Approved After 7/1/18:	360,000
(E) Total Reserves (A) + (B) + (C) + (D):	\$ 42,620,044

Notes:

1. Row (A) is from Reported Exhibit 1, total column (3).
2. Row (B) is from Independent Actuarial Analysis, Exhibit 1, column (1), Actuarial Central Estimate less amount in Row (D) below.
3. Row (C) is from Unreported Exhibit 1, total column (6).
4. Row (D) is from Independent Actuarial Analysis, Exhibit 2, Actuarial Central, Rounded value of (Column 19 x Column 21, less Column 19 x Column 22, less Column 19 x Column 23)

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 1
Held Claims Removed

Summary of Losses and Reserves
As of 6/30/2018

Notification Year	Ultimate Loss (1)	Paid Loss (2)	Indicated Loss Reserves (1) - (2) (3)
1989	\$ 22,300	\$ 22,040	\$ 260
1990	29,380,600	29,160,345	220,255
1991	48,051,600	47,395,656	655,944
1992	26,479,300	25,852,438	626,862
1993	21,712,400	21,448,874	263,526
1994	15,570,000	15,005,706	564,294
1995	17,981,400	17,821,609	159,791
1996	27,467,600	26,136,289	1,331,311
1997	7,934,100	7,384,807	549,293
1998	9,649,500	9,028,984	620,516
1999	6,618,900	5,756,744	862,156
2000	2,539,700	2,358,727	180,973
2001	1,707,300	1,482,824	224,476
2002	1,974,500	1,666,984	307,516
2003	1,345,900	1,081,347	264,553
2004	1,099,400	934,066	165,334
2005	2,436,500	2,498,212	-61,712
2006	3,314,000	2,606,575	707,425
2007	3,358,000	2,718,839	639,161
2008	3,720,400	3,063,442	656,958
2009	4,078,600	3,477,012	601,588
2010	2,137,500	1,960,610	176,890
2011	1,826,600	1,152,212	674,388
2012	2,809,100	1,546,809	1,262,291
2013	2,484,400	1,267,726	1,216,674
2014	3,732,600	2,220,661	1,511,939
2015	2,313,900	1,130,500	1,183,400
2016	1,918,800	260,567	1,658,233
2017	610,000	10,651	599,349
Total	\$ 254,274,900	\$ 236,451,256	\$ 17,823,644

1. Column (1) is from Reported Exhibit 4, column (7).

2. Column (2) is Actual Paid Loss as of June 30, 2018.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 2

Estimated Ultimate Average Loss
As of 06/30/2018

Notification Year	Ultimate Loss (1)	Ultimate Claims (2)	Ultimate Average Loss (1)/(2)	Change in Ultimate Average Loss (4)	Percentage Change (4)/Prior (3)
1989	\$ 22,300	1	\$ 22,300		
1990	29,380,600	323	90,962	68,662	307.900
1991	48,051,600	623	77,129	-13,832	-15.207
1992	26,479,300	348	76,090	-1,039	-1.348
1993	21,712,400	352	61,683	-14,407	-18.934
1994	15,570,000	276	56,413	-5,270	-8.544
1995	17,981,400	274	65,626	9,213	16.330
1996	27,467,600	445	61,725	-3,901	-5.944
1997	7,934,100	158	50,216	-11,509	-18.646
1998	9,649,500	211	45,732	-4,484	-8.929
1999	6,618,900	104	63,643	17,911	39.165
2000	2,539,700	64	39,683	-23,960	-37.648
2001	1,707,300	34	50,215	10,532	26.540
2002	1,974,500	45	43,878	-6,337	-12.620
2003	1,345,900	53	25,394	-18,483	-42.125
2004	1,099,400	40	27,485	2,091	8.233
2005	2,436,500	60	40,608	13,123	47.747
2006	3,314,000	61	54,328	13,720	33.785
2007	3,358,000	69	48,667	-5,661	-10.420
2008	3,720,400	73	50,964	2,298	4.721
2009	4,078,600	77	52,969	2,004	3.933
2010	2,137,500	34	62,868	9,899	18.688
2011	1,826,600	46	39,709	-23,159	-36.838
2012	2,809,100	68	41,310	1,602	4.033
2013	2,484,400	49	50,702	9,392	22.735
2014	3,732,600	67	55,710	5,008	9.878
2015	2,313,900	42	55,093	-618	-1.109
2016	1,918,800	41	46,800	-8,293	-15.053
2017	610,000	17	35,882	-10,918	-23.328
Total	\$ 254,274,900	4,055			
Exponential Fit:					
Trend (%)					-0.896
Intercept					\$ 56,312
R Squared					0.058

- Notes:
- Column (1) is from Reported Exhibit 4, column (7).
 - Column (2) is from Reported Exhibit 28, column (5).

Ratio of Ultimate Loss to Ultimate Gross Face Value
As of 06/30/2018

Notification Year	Ultimate Loss	Ultimate Gross Face Value	Ratio (1) / (2)
	(1)	(2)	(3)
1989	\$ 22,300	\$ 38,000	0.587
1990	29,380,600	47,128,000	0.623
1991	48,051,600	77,360,000	0.621
1992	26,479,300	43,855,000	0.604
1993	21,712,400	37,566,000	0.578
1994	15,570,000	28,488,000	0.547
1995	17,981,400	31,698,000	0.567
1996	27,467,600	47,702,000	0.576
1997	7,934,100	12,799,000	0.620
1998	9,649,500	18,554,000	0.520
1999	6,618,900	11,331,000	0.584
2000	2,539,700	5,071,000	0.501
2001	1,707,300	4,515,000	0.378
2002	1,974,500	4,594,000	0.430
2003	1,345,900	3,762,000	0.358
2004	1,099,400	3,410,000	0.322
2005	2,436,500	6,829,000	0.357
2006	3,314,000	8,116,000	0.408
2007	3,358,000	7,951,000	0.422
2008	3,720,400	10,015,000	0.371
2009	4,078,600	10,086,000	0.404
2010	2,137,500	4,761,000	0.449
2011	1,826,600	5,077,000	0.360
2012	2,809,100	8,081,000	0.348
2013	2,484,400	7,184,000	0.346
2014	3,732,600	9,538,000	0.391
2015	2,313,900	5,999,000	0.386
2016	1,918,800	6,064,000	0.316
2017	610,000	2,023,000	0.302
Total	\$254,274,900	\$469,595,000	0.541

Notes:

1. Column (1) is from Reported Exhibit 4, column (7).
2. Column (2) is from Reported Exhibit 16, column (4).

Fiscal Year 2018 reported - Held Claims Removed - Final.rp4

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 4

Comparison of Ultimate Loss Estimates
As of 06/30/2018

Notification Year	Paid Loss Development	Average Loss	Bornhuetter-Ferguson Using Average Loss and Paid Loss	Bornhuetter-Ferguson Using Face Value Less Disallowed Costs Less Deductible Recoveries	Bornhuetter-Ferguson Using Face Value Less Disallowed Costs Less Deductible Recoveries	Straight Average	Ultimate Loss
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
1989	\$ 22,260	\$ 22,260	\$ 22,260	\$ 22,327	\$ 22,261	\$ 22,274	\$ 22,300
1990	29,804,521	29,716,000	29,802,691	28,973,823	29,787,347	29,616,876	29,380,600
1991	49,045,122	49,217,000	49,050,671	47,120,131	48,982,972	48,683,179	48,051,600
1992	27,052,920	27,144,000	27,056,917	25,953,871	27,004,691	26,842,480	26,479,300
1993	22,634,334	22,528,000	22,628,733	20,882,676	22,542,065	22,243,162	21,712,400
1994	16,121,604	16,008,000	16,114,040	15,087,245	16,052,732	15,876,724	15,570,000
1995	19,320,290	19,454,000	19,330,784	16,837,344	19,125,420	18,813,567	17,981,400
1996	28,585,471	28,480,000	28,576,272	26,528,990	28,406,110	28,115,369	27,467,600
1997	8,208,870	8,216,000	8,209,588	7,709,657	8,158,622	8,100,547	7,934,100
1998	10,166,996	10,128,000	10,162,497	9,239,001	10,059,919	9,951,283	9,649,500
1999	6,594,137	6,552,000	6,588,310	6,637,643	6,600,153	6,594,449	6,618,900
2000	2,810,117	2,816,000	2,811,105	2,347,062	2,732,359	2,703,329	2,539,700
2001	1,825,814	1,836,000	1,827,878	1,628,651	1,785,853	1,780,839	1,707,300
2002	2,229,237	2,250,000	2,234,452	1,822,008	2,126,954	2,132,530	1,974,500
2003	1,520,819	1,537,000	1,525,457	1,248,864	1,442,880	1,455,004	1,345,900
2004	1,325,152	1,320,000	1,323,571	979,625	1,219,127	1,233,495	1,099,400
2005	3,762,086	3,780,000	3,768,100	1,777,247	3,095,755	3,236,638	2,436,500
2006	4,110,503	4,087,000	4,101,850	2,946,108	3,681,807	3,785,454	3,314,000
2007	4,662,148	4,692,000	4,674,440	2,814,654	3,901,416	4,148,931	3,358,000
2008	5,598,490	5,621,000	5,608,956	3,034,545	4,406,339	4,853,866	3,720,400
2009	7,383,673	6,622,000	6,981,946	3,056,058	5,101,171	5,828,970	4,078,600
2010	4,970,606	3,604,000	4,142,342	1,442,583	2,832,365	3,398,379	2,137,500
2011	3,168,312	4,462,000	4,004,398	1,538,331	2,114,887	3,057,586	1,826,600
2012	4,778,318	6,256,000	5,798,596	2,448,543	3,169,705	4,490,233	2,809,100
2013	4,535,240	4,508,000	4,515,107	2,176,752	2,792,048	3,705,429	2,484,400
2014	11,093,804	6,834,000	7,709,008	2,890,014	4,575,157	6,620,396	3,732,600
2015	9,015,152	4,872,000	5,443,219	1,817,697	2,810,014	4,791,616	2,313,900
2016	4,241,857	4,715,000	4,682,961	1,837,392	2,000,211	3,495,484	1,918,800
2017	-	1,955,000	1,936,140	612,569	607,056	1,022,233	610,000
Total	\$294,587,853	\$289,232,260	\$290,632,289	\$241,411,811	\$287,137,396	\$276,600,322	\$254,274,900

Notes:

1. Column (1) is from Reported Exhibit 5, column (4).
2. Column (2) is from Reported Exhibit 8, column (3).
3. Column (3) is from Reported Exhibit 9, column (10).
4. Column (4) is from Reported Exhibit 12, column (4).
5. Column (5) is from Reported Exhibit 13, column (10).
6. Selected ultimate loss in column (7) is based on a rounded average of columns (4) and (5).

Ultimate Loss Based on Paid Loss Development
As of 06/30/2018

Notification Year	Cumulative Paid Loss	Selected Development Factors	Cumulative Development Factors	Ultimate Loss (1) x (3)
	(1)	(2)	(3)	(4)
1989	\$ 22,040	1.010	1.010	\$ 22,260
1990	29,188,355	1.011	1.021	29,804,521
1991	47,461,644	1.012	1.033	49,045,122
1992	25,865,780	1.012	1.046	27,052,920
1993	21,442,057	1.009	1.056	22,634,334
1994	15,048,154	1.015	1.071	16,121,604
1995	17,803,965	1.013	1.085	19,320,290
1996	26,092,327	1.010	1.096	28,585,471
1997	7,382,609	1.015	1.112	8,208,870
1998	8,993,873	1.017	1.130	10,166,996
1999	5,682,268	1.027	1.160	6,594,137
2000	2,338,232	1.036	1.202	2,810,117
2001	1,455,762	1.044	1.254	1,825,814
2002	1,669,324	1.065	1.335	2,229,237
2003	1,084,972	1.050	1.402	1,520,819
2004	918,528	1.029	1.443	1,325,152
2005	2,499,115	1.043	1.505	3,762,086
2006	2,597,137	1.051	1.583	4,110,503
2007	2,742,442	1.074	1.700	4,662,148
2008	2,995,374	1.099	1.869	5,598,490
2009	3,489,323	1.132	2.116	7,383,673
2010	1,958,054	1.200	2.539	4,970,606
2011	1,120,694	1.114	2.827	3,168,312
2012	1,479,088	1.143	3.231	4,778,318
2013	1,183,180	1.187	3.833	4,535,240
2014	2,278,782	1.270	4.868	11,093,804
2015	1,242,924	1.490	7.253	9,015,152
2016	287,239	2.036	14.768	4,241,857
2017	-	7.019	103.659	-
Total	\$236,323,242			\$294,587,853

Notes:

1. Paid loss in column (1) is estimated using values available at April 30, 2018.
2. Development factors in columns (2) and (3) are selected in Reported Exhibit 7.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 7

Paid Loss Development
As of 06/30/2018

Notification Year	12-24	24-36	36-48	48-60	60-72	72-84	84-96	96-108	108-120	120-132	132-144	144-156	156-168	168-180	180-192	192-204	204-216	216-228	228-240	240-252	252-264	264-276	276-288	288-300	300-312	312-324	324-336	336-348	348-Ltr	
1989	0.000	0.000	1.837	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
1990	364.964	1.490	1.438	1.201	1.167	1.124	1.080	1.056	1.064	1.053	1.067	1.042	1.027	1.050	1.045	1.018	1.033	1.014	1.018	1.012	1.009	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008
1991	2.524	2.040	1.486	1.351	1.297	1.207	1.108	1.077	1.072	1.054	1.060	1.043	1.048	1.047	1.042	1.041	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038	1.038
1992	9.390	2.198	1.775	1.291	1.170	1.101	1.062	1.058	1.067	1.032	1.073	1.037	1.063	1.053	1.033	1.039	1.019	1.031	1.027	1.020	1.008	1.011	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005
1993	10.705	1.838	1.591	1.383	1.133	1.122	1.212	1.069	1.099	1.011	1.072	1.056	1.048	1.035	1.033	1.039	1.019	1.031	1.027	1.020	1.008	1.011	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005
1994	19.444	2.257	1.783	1.591	1.133	1.122	1.212	1.069	1.099	1.011	1.072	1.056	1.048	1.035	1.033	1.039	1.019	1.031	1.027	1.020	1.008	1.011	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005
1995	72.120	2.257	1.783	1.591	1.133	1.122	1.212	1.069	1.099	1.011	1.072	1.056	1.048	1.035	1.033	1.039	1.019	1.031	1.027	1.020	1.008	1.011	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005
1996	10.705	2.257	1.783	1.591	1.133	1.122	1.212	1.069	1.099	1.011	1.072	1.056	1.048	1.035	1.033	1.039	1.019	1.031	1.027	1.020	1.008	1.011	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005
1997	4.000	1.911	1.454	1.290	1.180	1.112	1.116	1.082	1.075	1.039	1.072	1.082	1.045	1.047	1.030	1.046	1.032	1.050	1.023	1.018	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008
1998	7.125	2.081	1.165	1.108	1.141	1.116	1.082	1.075	1.039	1.072	1.082	1.045	1.047	1.030	1.046	1.032	1.050	1.023	1.018	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008
1999	17.384	1.484	1.355	1.198	1.155	1.146	1.056	1.155	1.112	1.136	1.073	1.037	1.032	1.056	1.045	1.033	1.083	1.030	1.010	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008
2000	9.502	1.958	1.246	1.118	1.093	1.073	1.092	1.049	1.033	1.054	1.023	1.042	1.047	1.022	1.033	1.083	1.030	1.010	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008	1.008
2001	0.000	4.717	1.347	1.060	1.426	1.030	1.130	1.041	1.127	1.027	1.036	1.016	1.052	1.024	1.072	1.126	1.048	1.048	1.048	1.048	1.048	1.048	1.048	1.048	1.048	1.048	1.048	1.048	1.048	1.048
2002	0.000	2.380	2.957	1.224	1.072	1.472	1.139	1.180	1.141	1.087	1.036	1.069	1.066	1.041	1.110	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059	1.059
2003	0.000	14.368	1.215	1.266	1.023	1.031	1.789	1.151	1.276	1.151	1.073	1.050	1.042	1.050	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013	1.013
2004	7.800	8.186	1.804	1.246	1.157	1.122	1.421	1.012	1.041	1.048	1.039	1.062	1.042	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010
2005	0.000	2.297	1.548	1.070	1.255	1.046	1.182	1.046	1.118	1.118	1.039	1.062	1.042	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010
2006	4.500	2.297	1.548	1.070	1.255	1.046	1.182	1.046	1.118	1.118	1.039	1.062	1.042	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010
2007	4.500	2.297	1.548	1.070	1.255	1.046	1.182	1.046	1.118	1.118	1.039	1.062	1.042	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010	1.010
2008	0.000	8.122	1.809	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293
2009	0.000	8.122	1.809	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293	1.293
2010	0.000	1.236	1.573	1.093	1.186	1.160	1.163	1.105	1.174	1.119	1.103	1.061	1.042	1.037	1.043	1.060	1.038	1.031	1.019	1.016	1.011	1.009	1.010	1.011	1.011	1.010	1.008	1.004	1.000	1.000
2011	0.000	1.945	2.231	1.783	1.228	1.247	1.092	1.105	1.138	1.103	1.061	1.042	1.037	1.043	1.060	1.038	1.031	1.019	1.016	1.011	1.009	1.010	1.011	1.011	1.010	1.008	1.004	1.000	1.000	1.000
2012	0.000	1.122	1.523	1.142	1.161	1.170	1.140	1.132	1.110	1.105	1.082	1.073	1.039	1.029	1.046	1.064	1.044	1.033	1.030	1.016	1.013	1.010	1.015	1.013	1.009	1.012	1.008	1.004	1.000	1.000
2013	0.000	23.978	1.203	2.013	1.260	1.140	1.140	1.132	1.110	1.105	1.082	1.073	1.039	1.029	1.046	1.064	1.044	1.033	1.030	1.016	1.013	1.010	1.015	1.013	1.009	1.012	1.008	1.004	1.000	1.000
2014	0.000	2.450	1.483	1.211	1.260	1.140	1.140	1.132	1.110	1.105	1.082	1.073	1.039	1.029	1.046	1.064	1.044	1.033	1.030	1.016	1.013	1.010	1.015	1.013	1.009	1.012	1.008	1.004	1.000	1.000
2015	54.685	2.339	1.787	1.211	1.260	1.140	1.140	1.132	1.110	1.105	1.082	1.073	1.039	1.029	1.046	1.064	1.044	1.033	1.030	1.016	1.013	1.010	1.015	1.013	1.009	1.012	1.008	1.004	1.000	1.000
2016	26.823	4.231	1.787	1.211	1.260	1.140	1.140	1.132	1.110	1.105	1.082	1.073	1.039	1.029	1.046	1.064	1.044	1.033	1.030	1.016	1.013	1.010	1.015	1.013	1.009	1.012	1.008	1.004	1.000	1.000
Average	40.328	47.239	1.554	1.266	1.165	1.169	1.167	1.112	1.109	1.075	1.056	1.047	1.043	1.036	1.039	1.048	1.032	1.023	1.021	1.014	1.010	1.009	1.014	1.010	1.007	1.008	1.004	1.004	1.000	1.000
3 Year Average	40.754	50.010	1.481	1.266	1.165	1.169	1.167	1.112	1.109	1.075	1.056	1.047	1.043	1.036	1.039	1.048	1.032	1.023	1.021	1.014	1.010	1.009	1.014	1.010	1.007	1.008	1.004	1.004	1.000	1.000
Volume Weighted Average Excluding Last 1 Years	7.019	2.031	1.499	1.276	1.188	1.144	1.116	1.154	1.139	1.110	1.080	1.069	1.047	1.050	1.042	1.037	1.037	1.030	1.024	1.019	1.015	1.009	1.015	1.013	1.009	1.012	1.008	1.004	1.000	1.000
5 Year Volume Weighted Average	40.100	2.347	1.517	1.407	1.221	1.216	1.241	1.187	1.138	1.103	1.061	1.042	1.040	1.037	1.043	1.060	1.038	1.031	1.019	1.016	1.011	1.009	1.013	1.011	1.009	1.012	1.008	1.004	1.000	1.000
3 Year Volume Weighted Average	40.100	3.810	1.560	1.335	1.234	1.240	1.193	1.170	1.144	1.105	1.062	1.073	1.039	1.029	1.046	1.064	1.044	1.033	1.030	1.016	1.013	1.010	1.015	1.013	1.009	1.012	1.008	1.004	1.000	1.000
5 Year Volume Weighted Average	40.100	2.870	1.557	1.400	1.224	1.182	1.171	1.147	1.142	1.111	1.059	1.082	1.023	1.041	1.061	1.077	1.052	1.025	1.027	1.015	1.013	1.013	1.016	1.015	1.009	1.012	1.008	1.004	1.000	1.000
Volume Weighted Average Excluding Last 1 Years	40.100	3.661	1.420	1.367	1.227	1.256	1.216	1.200	1.132	1.099	1.074	1.051	1.043	1.029	1.050	1.065	1.044	1.036	1.027	1.017	1.015	1.010	1.013	1.011	1.011	1.010	1.008	1.004	1.000	1.000
5 Year Volume Weighted Average	40.100	2.036	1.450	1.270	1.187	1.143	1.114	1.086	1.084	1.064	1.064	1.046	1.046	1.040	1.037	1.036	1.028	1.022	1.018	1.013	1.009	1.008	1.013	1.011	1.009	1.010	1.008	1.004	1.000	1.000
Inverse Power Curve	4.102	1.557	1.355	1.270	1.218	1.202	1.203	1.147	1.142	1.108	1.054	1.064	1.039	1.030	1.044	1.071	1.040	1.028	1.028	1.013	1.012	1.011	1.015	1.011	1.009	1.010	1.008	1.004	1.000	1.000
Selected	7.019	2.030	1.490	1.270	1.187	1.143	1.114	1.200	1.132	1.099	1.074	1.051	1.043	1.029	1.050	1.065	1.044	1.036	1.027	1.017	1.015	1.010	1.013	1.011	1.009	1.012	1.008			

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 8

Ultimate Loss Based on Average Loss
As of 06/30/2018

Notification Year	Ultimate Claims	Selected Average Loss	Ultimate Loss (1) x (2)
	(1)	(2)	(3)
1989	1	22,260	\$ 22,260
1990	323	92,000	29,716,000
1991	623	79,000	49,217,000
1992	348	78,000	27,144,000
1993	352	64,000	22,528,000
1994	276	58,000	16,008,000
1995	274	71,000	19,454,000
1996	445	64,000	28,480,000
1997	158	52,000	8,216,000
1998	211	48,000	10,128,000
1999	104	63,000	6,552,000
2000	64	44,000	2,816,000
2001	34	54,000	1,836,000
2002	45	50,000	2,250,000
2003	53	29,000	1,537,000
2004	40	33,000	1,320,000
2005	60	63,000	3,780,000
2006	61	67,000	4,087,000
2007	69	68,000	4,692,000
2008	73	77,000	5,621,000
2009	77	86,000	6,622,000
2010	34	106,000	3,604,000
2011	46	97,000	4,462,000
2012	68	92,000	6,256,000
2013	49	92,000	4,508,000
2014	67	102,000	6,834,000
2015	42	116,000	4,872,000
2016	41	115,000	4,715,000
2017	17	115,000	1,955,000
Total	4,055		\$ 289,232,260

Notes:

1. Column (1) is from Reported Exhibit 28, column (5).
2. Selected average loss in column (2) is from Reported Exhibit 10, column (4).

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Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 9

Ultimate Loss Based on Bornhuetter-Ferguson Using Average Loss and Paid Loss
As of 06/30/2018

Notification Year	Ultimate Claims	Selected Average Loss	Expected Ultimate Loss (1) x (2)	Selected Development Factors	Cumulative Development Factors	Ratio of Cumulative Paid Loss to Ultimate Loss 1 / (5)	Ratio of Undeveloped Paid Loss to Ultimate Loss Face Value 1 - (6)	Undeveloped Paid Loss (3) x (7)	Cumulative Paid Loss	Ultimate Loss (8) + (9)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	1	\$ 22,260	\$ 22,260	1.010	1.010	0.990	0.010	\$ 220	\$ 22,040	\$ 22,260
1990	323	92,000	29,716,000	1.011	1.021	0.979	0.021	614,336	29,188,355	29,802,691
1991	623	79,000	49,217,000	1.012	1.033	0.968	0.032	1,589,027	47,461,644	49,050,671
1992	348	78,000	27,144,000	1.012	1.046	0.956	0.044	1,191,137	25,865,780	27,056,917
1993	352	64,000	22,528,000	1.009	1.056	0.947	0.053	1,186,676	21,442,057	22,628,733
1994	276	58,000	16,008,000	1.015	1.071	0.933	0.067	1,065,886	15,048,154	16,114,040
1995	274	71,000	19,454,000	1.013	1.085	0.922	0.078	1,526,819	17,803,965	19,330,784
1996	445	64,000	28,480,000	1.010	1.096	0.913	0.087	2,483,944	26,092,327	28,576,272
1997	158	52,000	8,216,000	1.015	1.112	0.899	0.101	826,978	7,382,609	8,209,588
1998	211	48,000	10,128,000	1.017	1.130	0.885	0.115	1,168,624	8,993,873	10,162,497
1999	104	63,000	6,552,000	1.027	1.160	0.862	0.138	906,042	5,682,268	6,588,310
2000	64	44,000	2,816,000	1.036	1.202	0.832	0.168	472,873	2,338,232	2,811,105
2001	34	54,000	1,836,000	1.044	1.294	0.797	0.203	372,116	1,455,762	1,827,878
2002	45	50,000	2,250,000	1.065	1.335	0.749	0.251	565,128	1,669,324	2,234,452
2003	53	29,000	1,537,000	1.050	1.402	0.713	0.287	440,484	1,084,972	1,525,457
2004	40	33,000	1,320,000	1.029	1.443	0.693	0.307	405,043	918,528	1,323,571
2005	60	63,000	3,780,000	1.043	1.505	0.664	0.336	1,268,985	2,499,115	3,768,100
2006	61	67,000	4,087,000	1.051	1.563	0.632	0.368	1,504,713	2,597,137	4,101,850
2007	69	68,000	4,692,000	1.074	1.700	0.588	0.412	1,931,998	2,742,442	4,674,440
2008	73	77,000	5,621,000	1.099	1.869	0.535	0.465	2,613,582	2,985,374	5,608,956
2009	77	86,000	6,622,000	1.132	2.116	0.473	0.527	3,492,623	3,489,323	6,981,946
2010	34	106,000	3,604,000	1.200	2.539	0.394	0.606	2,184,289	1,958,054	4,142,342
2011	46	97,000	4,462,000	1.114	2.827	0.354	0.646	2,883,704	1,120,694	4,004,398
2012	68	92,000	6,256,000	1.143	3.231	0.310	0.690	4,319,508	1,479,088	5,798,596
2013	49	92,000	4,508,000	1.187	3.833	0.261	0.739	3,331,927	1,183,180	4,515,107
2014	67	102,000	6,834,000	1.270	4.888	0.205	0.795	5,430,226	2,278,782	7,709,008
2015	42	116,000	4,872,000	1.490	7.253	0.138	0.862	4,200,295	1,242,924	5,443,219
2016	41	115,000	4,715,000	2.036	14,768	0.068	0.932	4,395,722	287,239	4,682,961
2017	17	115,000	1,955,000	7.019	103,659	0.010	0.990	1,936,140	-	1,936,140
Total	4,055		\$289,232,260					\$ 54,309,045	\$236,323,242	\$ 290,632,289

Notes:

- Column (1) is from Reported Exhibit 28, column (5).
- Selected average loss in column (2) is from Reported Exhibit 10, column (4).
- Development factors in columns (4) and (5) are selected in Reported Exhibit 7.
- Cumulative Paid Loss in column (9) is estimated using values available at April 30, 2018.

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Preliminary Average Loss Based on Paid Loss Development Method
As of 06/30/2018

Notification Year	Ultimate Loss Based on Paid Loss Development Method	Ultimate Claims	Preliminary Average Loss (1) / (2)	Selected Average Loss
	(1)	(2)	(3)	(4)
1989	\$ 22,260	1	22,260	22,260
1990	29,804,521	323	92,274	92,000
1991	49,045,122	623	78,724	79,000
1992	27,052,920	348	77,738	78,000
1993	22,634,334	352	64,302	64,000
1994	16,121,604	276	58,412	58,000
1995	19,320,290	274	70,512	71,000
1996	28,585,471	445	64,237	64,000
1997	8,208,870	158	51,955	52,000
1998	10,166,996	211	48,185	48,000
1999	6,594,137	104	63,405	63,000
2000	2,810,117	64	43,908	44,000
2001	1,825,814	34	53,700	54,000
2002	2,229,237	45	49,539	50,000
2003	1,520,819	53	28,695	29,000
2004	1,325,152	40	33,129	33,000
2005	3,762,086	60	62,701	63,000
2006	4,110,503	61	67,385	67,000
2007	4,662,148	69	67,567	68,000
2008	5,598,490	73	76,692	77,000
2009	7,383,673	77	95,892	86,000
2010	4,970,606	34	146,194	106,000
2011	3,168,312	46	68,876	97,000
2012	4,778,318	68	70,269	92,000
2013	4,535,240	49	92,556	92,000
2014	11,093,804	67	165,579	102,000
2015	9,015,152	42	214,646	116,000
2016	4,241,857	41	103,460	115,000
2017	-	17	0	115,000
Total	\$ 294,587,853	4,055		

Notes:

1. Column (1) is from Reported Exhibit 5, column (4).
2. Column (2) is from Reported Exhibit 28, column (5).
3. Selected average loss in column (4) is based on column (3) for notification years 1989 - 2008; the rounded average of column (3) from 2008 through the associated year for notification years 2009 - 2016; and the rounded average of column (3) from 2008 through 2016 for notification year 2017.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 11

Cumulative Paid Loss per Cumulative Reported Claims
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1891	39	14,217	12,311	20,652	35,801	42,653	48,257	52,172	55,099	56,959	61,659	65,809	68,355	70,460	73,989	71,303	76,798	81,304	82,403	83,890	84,660	85,617	86,188	87,344	87,824	88,782	89,652	90,385	90,385
1892	2,390	6,034	12,311	18,392	24,708	31,792	38,359	42,440	45,716	48,014	51,683	54,783	57,127	59,867	62,991	64,398	67,812	68,381	70,086	70,950	71,237	71,690	72,377	73,103	73,553	73,958	74,327	75,163	75,163
1893	481	4,932	1,053	14,421	19,659	23,189	25,941	28,652	31,263	33,770	36,280	38,371	40,692	42,694	45,025	46,154	47,891	49,178	48,695	50,773	51,701	52,320	52,881	53,452	53,915	54,378	54,841	55,304	55,304
1894	1,694	10,120	51,443	85,034	64,437	72,697	62,699	58,359	51,790	47,927	42,699	38,344	34,344	30,744	27,499	24,599	21,999	19,699	17,699	15,999	14,499	13,199	12,099	11,099	10,199	9,399	8,699	8,099	7,499
1895	850	5,407	12,233	17,797	22,305	26,294	29,413	32,455	35,322	38,298	41,827	44,693	46,959	48,252	50,208	50,678	53,160	55,346	58,415	60,919	62,767	64,241	64,978	65,834	66,782	67,720	68,658	69,595	70,532
1896	1,339	5,435	10,365	15,104	19,487	23,001	25,799	28,562	32,696	36,110	38,937	41,337	44,698	46,707	48,411	50,222	52,140	54,164	56,291	58,521	60,854	63,291	65,829	68,468	71,207	74,046	76,985	80,024	83,163
1897	944	6,725	13,694	18,304	19,534	22,265	24,866	26,902	29,911	30,053	32,222	34,377	36,443	38,160	39,291	40,684	42,231	43,934	45,592	47,361	49,130	50,899	52,668	54,437	56,206	57,975	59,744	61,513	63,282
1898	1,015	9,640	18,922	23,321	28,647	31,303	33,801	36,101	38,407	39,778	41,017	42,881	44,690	46,795	47,807	48,937	50,189	51,564	53,061	54,680	56,421	58,284	60,269	62,376	64,506	66,659	68,836	71,037	73,262
1899	0	1,944	9,109	12,948	13,086	18,666	19,229	21,155	22,013	24,800	26,473	28,385	29,812	28,200	28,871	30,957	34,808	38,035	40,637	43,603	46,925	50,603	54,637	59,031	63,784	68,896	74,368	80,200	86,412
2000	0	1,355	3,225	6,536	11,677	12,513	16,416	20,908	24,322	27,757	29,624	30,705	32,632	35,003	36,432	40,428	42,817	45,614	48,821	52,438	56,465	60,901	65,746	70,999	76,652	82,705	89,158	96,011	103,264
2001	0	441	5,340	7,703	9,753	9,980	12,286	15,389	18,245	20,845	23,189	25,284	27,124	28,710	30,044	32,124	34,049	35,819	37,434	38,894	40,209	41,379	42,404	43,284	44,014	44,594	45,024	45,304	45,534
2002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	70	528	4,325	8,235	10,257	11,866	13,319	15,159	16,923	18,623	20,258	21,830	23,344	24,799	26,199	27,544	28,834	30,069	31,249	32,374	33,444	34,459	35,419	36,324	37,174	37,974	38,724	39,424	40,074
2005	0	3,572	8,207	12,098	13,593	17,168	18,026	23,470	25,021	30,873	33,850	37,378	41,692	45,846	49,846	53,696	57,396	60,946	64,346	67,596	70,696	73,646	76,446	79,096	81,596	84,046	86,446	88,796	91,096
2006	224	1,683	5,617	12,098	14,997	17,321	19,804	22,542	25,324	28,146	30,910	33,614	36,258	38,842	41,366	43,830	46,234	48,578	50,862	53,086	55,250	57,364	59,428	61,442	63,406	65,320	67,184	69,008	70,782
2007	280	1,683	5,617	12,098	14,997	17,321	19,804	22,542	25,324	28,146	30,910	33,614	36,258	38,842	41,366	43,830	46,234	48,578	50,862	53,086	55,250	57,364	59,428	61,442	63,406	65,320	67,184	69,008	70,782
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	12,050	14,543	23,518	25,637	30,403	35,271	41,007	45,316	49,046	52,206	54,806	56,846	58,346	59,346	60,046	60,446	60,646	60,746	60,846	60,946	61,046	61,146	61,246	61,346	61,446	61,546	61,646	61,746
2010	0	4,455	8,683	10,227	34,451	42,321	52,760	57,590	61,840	65,540	68,740	71,440	73,640	75,340	76,640	77,540	78,140	78,440	78,640	78,740	78,840	78,940	79,040	79,140	79,240	79,340	79,440	79,540	79,640
2011	0	12	13,764	15,743	19,275	21,375	24,363	26,943	29,143	30,943	32,443	33,743	34,843	35,743	36,443	36,943	37,243	37,443	37,543	37,643	37,743	37,843	37,943	38,043	38,143	38,243	38,343	38,443	38,543
2012	0	297	7,172	8,577	12,267	17,761	21,941	25,121	27,301	28,481	29,661	30,841	31,021	31,201	31,381	31,561	31,741	31,921	32,101	32,281	32,461	32,641	32,821	33,001	33,181	33,361	33,541	33,721	33,901
2013	0	5,465	13,443	19,941	24,147	27,147	29,147	30,947	32,447	33,747	34,847	35,747	36,447	36,947	37,247	37,447	37,547	37,647	37,747	37,847	37,947	38,047	38,147	38,247	38,347	38,447	38,547	38,647	38,747
2014	149	8,130	19,028	34,012	40,147	45,147	49,147	52,147	54,147	55,147	56,147	56,947	57,447	57,747	57,947	58,047	58,147	58,247	58,347	58,447	58,547	58,647	58,747	58,847	58,947	59,047	59,147	59,247	59,347
2015	261	6,994	29,693	40,147	45,147	49,147	52,147	54,147	55,147	56,147	56,947	57,447	57,747	57,947	58,047	58,147	58,247	58,347	58,447	58,547	58,647	58,747	58,847	58,947	59,047	59,147	59,247	59,347	59,447
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: Paid loss and reported claims are estimated using values available at April 30, 2018.

Cumulative Paid Loss on Closed Claims per Cumulative Closed Claims
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1889	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1891	465	530,995	147,035	112,555	194,237	95,360	99,141	109,051	99,155	98,958	98,816	101,100	99,484	93,124	92,757	94,481	91,487	91,059	90,384	89,822	89,380	89,142	88,770	88,291	87,744	87,124	86,436	85,684	84,844
1892	81,885	42,671	59,211	75,523	77,453	81,430	83,981	81,278	81,278	82,473	78,204	76,966	71,059	69,078	67,893	68,562	69,659	69,465	69,555	69,322	69,353	68,570	68,039	68,011	68,168	68,146	68,146	68,146	68,146
1893	31,765	34,710	41,671	49,391	56,788	56,468	52,731	57,723	56,673	56,079	54,387	52,718	51,816	52,730	52,666	53,234	54,232	54,039	53,490	53,319	52,255	51,926	51,961	51,961	51,961	51,961	51,961	51,961	51,961
1894	10,120	51,443	85,034	64,437	72,697	62,699	58,359	51,790	47,927	42,699	38,344	34,344	30,744	27,499	24,599	21,999	19,699	17,699	15,999	14,499	13,199	12,099	11,099	10,199	9,399	8,699	8,099	7,499	6,899
1895	21,638	31,046	43,654	52,627	54,815	49,282	47,975	47,797	49,557	50,022	51,165	52,364	51,802	52,351	52,607	53,119	51,889	51,817	51,039	50,390	49,999	50,027	50,027	49,948	49,948	49,948	49,948	49,948	49,948
1896	146,129	62,469	68,104	56,238	58,566	53,248	47,288	43,344	42,910	40,146	41,617	43,968	43,927	43,440	43,338	43,991	44,162	43,882	43,617	43,292	42,922	42,532	42,132	41,732	41,332	40,932	40,532	40,132	39,732
1897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1898	102,995	137,472	99,849	86,021	67,131	47,723	46,765	45,089	45,193	43,480	40,022	45,935	46,865	47,205	45,020	45,709	46,247	47,035	48,098	49,467	51,136	53,005	55,074	57,343	59,812	62,481	65,250	68,119	71,088
2000	0	12,319	31,466	23,633	16,318	24,048	23,759	23,956	22,905	22,204	24,971	25,122	24,409	24,930	24,829	24,829	24,834	24,681	24,481	24,281	24,081	23,881	23,681	23,481	2	2	2	2	2
2001	0	46,967	16,665	22,358	18,125	21,610	21,710	20,086	20,637	28,784	30,056	32,348	32,827	31,497	30,615	30,615	30,615	30,615	30,615	30,615	30,615	30,615	30,615	30,615	30,615	30,615	30,615	30,615	30,615
2002	0	2,599	30,381	13,821	18,386	11,515	11,515	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706	12,706
2003	0	1,454	11,244	13,862	14,760	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867	13,867
2004	0	28,283	14,314	17,960	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762	17,361	15,762
2005	0	10,382	26,524	28,638	21,196	21,178	24,203	27,555	29,897	28,131	27,995	34,071	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527	18,527
2006	0	1,768	2,527	10,035	7,333	13,862	13,215	15,481	13,975	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911	13,911
2007	0	10,884	30,063	17,607	22,333	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752	20,334	19,752
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 12

Ultimate Loss Based on Ultimate Face Value Less Disallowed Costs Less Deductible Recoveries
As of 06/30/2018

Notification Year	Ultimate Gross Face Value	Ultimate Disallowed Costs	Ultimate Deductible Recoveries	Ultimate Loss (1) - (2) - (3)
	(1)	(2)	(3)	(4)
1989	\$ 38,000	\$ 5,548	\$ 10,125	\$ 22,327
1990	47,128,000	8,954,320	9,199,857	28,973,823
1991	77,360,000	13,770,080	16,469,789	47,120,131
1992	43,855,000	8,639,435	9,261,694	25,953,871
1993	37,566,000	7,776,162	8,907,162	20,882,676
1994	28,488,000	5,697,600	7,703,155	15,087,245
1995	31,698,000	6,973,560	7,887,096	16,837,344
1996	47,702,000	9,254,188	11,918,822	26,528,990
1997	12,799,000	1,894,252	3,195,091	7,709,657
1998	18,554,000	3,747,908	5,567,091	9,239,001
1999	11,331,000	2,300,193	2,393,164	6,637,643
2000	5,071,000	1,024,342	1,699,596	2,347,062
2001	4,515,000	1,264,200	1,622,149	1,628,651
2002	4,594,000	927,988	1,844,004	1,822,008
2003	3,762,000	759,924	1,753,212	1,248,864
2004	3,410,000	688,820	1,741,555	979,625
2005	6,829,000	1,707,250	3,344,503	1,777,247
2006	8,116,000	2,029,000	3,140,892	2,946,108
2007	7,951,000	1,987,750	3,148,596	2,814,654
2008	10,015,000	2,503,750	4,476,705	3,034,545
2009	10,086,000	2,521,500	4,508,442	3,056,058
2010	4,761,000	1,190,250	2,128,167	1,442,583
2011	5,077,000	1,269,250	2,269,419	1,538,331
2012	8,081,000	2,020,250	3,612,207	2,448,543
2013	7,184,000	1,796,000	3,211,248	2,176,752
2014	9,538,000	2,384,500	4,263,486	2,890,014
2015	5,999,000	1,499,750	2,681,553	1,817,697
2016	6,064,000	1,516,000	2,710,608	1,837,392
2017	2,023,000	505,750	904,281	612,969
Total	\$469,595,000	\$96,609,520	\$131,573,669	\$241,411,811

Notes:

1. Column (1) is from Reported Exhibit 16, column (4).
2. Column (2) is from Reported Exhibit 24, column (3).
3. Column (3) is from Reported Exhibit 26, column (5).

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Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 13

Bornhuetter-Ferguson Using Gross Face Value and Paid Loss
As of 06/30/2018

Notification Year	Gross Face Value (1)	Selected Ratio (2)	Expected Ultimate Loss (1) x (2) (3)	Selected Development Factors (4)	Cumulative Development Factors (5)	Ratio of Cumulative Paid Loss to Ultimate Loss 1 / (5) (6)	Ratio of Undeveloped Paid Loss to Ultimate Loss 1 - (6) (7)	Undeveloped Paid Loss (3) x (7) (8)	Cumulative Paid Loss (9)	Ultimate Loss (8) + (9) (10)	Calculated Ratio of Loss to Gross Face Value (10) / (1) (11)
1989	\$ 38,000	0.588	\$ 22,327	1.010	1.010	0.990	0.010	\$ 221	\$ 22,040	\$ 22,261	0.586
1990	47,128,000	0.615	28,973,823	1.011	1.021	0.979	0.021	598,993	29,188,355	29,787,347	0.632
1991	77,360,000	0.609	47,120,131	1.012	1.033	0.968	0.032	1,521,327	47,461,644	48,982,972	0.633
1992	43,855,000	0.592	25,953,871	1.012	1.046	0.956	0.044	1,138,912	25,865,780	27,004,691	0.616
1993	37,566,000	0.556	20,882,676	1.009	1.056	0.947	0.053	1,100,008	21,442,057	22,542,065	0.600
1994	28,488,000	0.530	15,087,245	1.015	1.071	0.933	0.067	1,004,578	15,048,154	16,052,732	0.563
1995	31,698,000	0.531	16,837,344	1.013	1.085	0.922	0.078	1,321,454	17,803,965	19,125,420	0.603
1996	47,702,000	0.556	26,528,990	1.010	1.096	0.913	0.087	2,313,783	26,092,327	28,406,110	0.595
1997	12,799,000	0.602	7,709,657	1.015	1.112	0.899	0.101	776,013	7,382,609	8,158,622	0.637
1998	18,554,000	0.498	9,239,001	1.017	1.130	0.885	0.115	1,066,047	8,993,873	10,059,919	0.542
1999	11,331,000	0.586	6,637,643	1.027	1.160	0.862	0.138	917,885	5,682,268	6,600,153	0.582
2000	5,071,000	0.463	2,347,062	1.036	1.202	0.832	0.168	394,127	2,338,232	2,732,359	0.539
2001	4,515,000	0.361	1,628,651	1.044	1.254	0.797	0.203	330,091	1,455,762	1,785,853	0.396
2002	4,594,000	0.397	1,822,008	1.065	1.335	0.749	0.251	457,630	1,669,324	2,126,954	0.463
2003	3,762,000	0.332	1,248,864	1.050	1.402	0.713	0.287	357,908	1,084,972	1,442,880	0.384
2004	3,410,000	0.287	979,625	1.029	1.443	0.693	0.307	300,599	918,528	1,219,127	0.358
2005	6,829,000	0.260	1,777,247	1.043	1.505	0.664	0.336	596,640	2,499,115	3,095,755	0.453
2006	8,116,000	0.363	2,946,108	1.051	1.593	0.632	0.368	1,084,670	2,597,137	3,681,807	0.454
2007	7,951,000	0.354	2,814,654	1.074	1.700	0.588	0.412	1,158,974	2,742,442	3,901,416	0.491
2008	10,015,000	0.303	3,034,545	1.099	1.869	0.535	0.465	1,410,965	2,995,374	4,406,339	0.440
2009	10,086,000	0.303	3,056,058	1.132	2,116	0.473	0.527	1,611,848	3,489,323	5,101,171	0.506
2010	4,761,000	0.303	1,442,583	1.200	2,539	0.394	0.606	874,311	1,958,054	2,832,365	0.595
2011	5,077,000	0.303	1,538,331	1.114	2,827	0.354	0.646	994,193	1,120,694	2,114,887	0.417
2012	8,081,000	0.303	2,448,543	1.143	3,231	0.310	0.690	1,690,617	1,479,088	3,169,705	0.392
2013	7,184,000	0.303	2,176,752	1.187	3,833	0.261	0.739	1,608,868	1,183,180	2,792,048	0.389
2014	9,538,000	0.303	2,890,014	1.270	4,868	0.205	0.795	2,296,375	2,278,782	4,575,157	0.480
2015	5,999,000	0.303	1,817,697	1.490	7,253	0.138	0.862	1,567,090	1,242,924	2,810,014	0.468
2016	6,064,000	0.303	1,837,392	2.036	14,768	0.068	0.932	1,712,972	287,239	2,000,211	0.330
2017	2,023,000	0.303	612,969	7.019	103,659	0.010	0.990	607,056	-	607,056	0.300
Total	\$469,595,000		\$ 241,411,811					\$ 30,814,155	\$236,323,242	\$ 267,137,396	

Notes:

1. Column (1) is from Reported Exhibit 16, column (4).
2. Column (2) is the complement of Reported Exhibit 24, column (2) multiplied by the complement of Reported Exhibit 26, column (4).
3. Development factors in columns (4) and (5) are selected in Reported Exhibit 7.
4. Cumulative paid loss in column (9) is estimated using values available at April 30, 2018.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 14

Cumulative Paid Loss to Cumulative Gross Face Value
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1989	0.000	0.000	0.320	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587
1990	0.002	0.115	0.324	0.438	0.469	0.507	0.546	0.580	0.584	0.559	0.557	0.537	0.537	0.566	0.573	0.560	0.597	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587
1991	0.182	0.197	0.304	0.273	0.426	0.460	0.531	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554	0.554
1992	0.085	0.144	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244	0.244
1993	0.085	0.314	0.395	0.437	0.469	0.504	0.533	0.448	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438
1994	0.011	0.207	0.273	0.410	0.459	0.382	0.428	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431	0.431
1995	0.143	0.305	0.491	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521	0.521
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1997	0.129	0.341	0.449	0.472	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480
1998	0.053	0.276	0.322	0.350	0.346	0.367	0.395	0.372	0.369	0.415	0.414	0.444	0.458	0.463	0.441	0.441	0.441	0.441	0.441	0.441	0.441	0.441	0.441	0.441	0.441	0.441	0.441	0.441	0.441
1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	0.007	0.019	0.107	0.172	0.198	0.208	0.224	0.246	0.267	0.298	0.329	0.343	0.345	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2006	0.019	0.045	0.097	0.179	0.208	0.226	0.246	0.267	0.298	0.329	0.343	0.345	0.345	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332	0.332
2007	0.035	0.035	0.137	0.133	0.239	0.266	0.310	0.369	0.387	0.409	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449	0.449
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2014	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average	0.079	0.166	0.265	0.317	0.339	0.352	0.383	0.428	0.418	0.430	0.447	0.458	0.472	0.482	0.501	0.518	0.539	0.562	0.572	0.579	0.589	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587
3 Year Average	0.007	0.132	0.316	0.281	0.298	0.378	0.464	0.448	0.413	0.382	0.414	0.381	0.379	0.381	0.387	0.413	0.469	0.525	0.555	0.571	0.589	0.587	0.587	0.587	0.587	0.587	0.587	0.587	0.587

Note: Paid loss and gross face value are estimated using values available at April 30, 2018.

Cumulative Paid Loss on Closed Claims to Cumulative Gross Face Value on Closed Claims
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1989	0.000	0.320	0.456	0.567	0.657	0.727	0.787	0.837	0.877	0.907	0.927	0.937	0.937	0.927	0.907	0.887	0.867	0.847	0.827	0.807	0.787	0.767	0.747	0.727	0.707	0.687	0.667	0.647	0.627
1990	0.000	0.336	0.466	0.576	0.666	0.736	0.796	0.846	0.886	0.916	0.936	0.946	0.946	0.936	0.916	0.896	0.876	0.856	0.836	0.816	0.796	0.776	0.756	0.736	0.716	0.696	0.676	0.656	0.636
1991	0.185	0.201	0.310	0.378	0.427	0.502	0.527	0.551	0.507	0.532	0.534	0.543	0.548	0.574	0.584	0.598	0.604	0.609	0.604	0.600	0.610	0.611	0.611	0.614	0.613	0.615	0.615	0.615	0.615
1992	0.085	0.238	0.313	0.470	0.473	0.514	0.538	0.482	0.500	0.514	0.506	0.524	0.532	0.547	0.549	0.558	0.574	0.574	0.580	0.583	0.585	0.587	0.589	0.590	0.591	0.592	0.593	0.594	0.595
1993	0.009	0.299	0.338	0.424	0.462	0.488	0.508	0.478	0.482	0.488	0.494	0.498	0.502	0.506	0.510	0.514	0.518	0.522	0.526	0.530	0.534	0.538	0.542	0.546	0.550	0.554	0.558	0.562	0.566
1994	0.011	0.314	0.414	0.444	0.464	0.484	0.504	0.474	0.478	0.484	0.490	0.494	0.498	0.502	0.506	0.510	0.514	0.518	0.522	0.526	0.530	0.534	0.538	0.542	0.546	0.550	0.554	0.558	0.562
1995	0.151	0.301	0.440	0.480	0.386	0.425	0.446	0.416	0.429	0.437	0.451	0.470	0.475	0.481	0.503	0.501	0.523	0.526	0.530	0.532	0.532	0.531	0.531	0.532	0.532	0.532	0.532	0.532	0.532
1996	0.252	0.406	0.440	0.312	0.398	0.393	0.393	0.393	0.393	0.404	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407
1997	0.126	0.358	0.441	0.474	0.474	0.474	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481	0.481
1998	0.000	0.344	0.474	0.564	0.634	0.684	0.734	0.774	0.804	0.824	0.834	0.844	0.844	0.834	0.814	0.794	0.774	0.754	0.734	0.714	0.694	0.674	0.654	0.634	0.614	0.594	0.574	0.554	0.534
1999	0.271	0.354	0.349	0.350	0.401	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411	0.411
2000	0.000	0.144	0.295	0.244	0.227	0.351	0.328	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345
2001	0.000	0.048	0.094	0.129	0.121	0.138	0.169	0.186	0.228	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	0.000	0.112	0.169	0.122	0.119	0.195	0.161	0.169	0.205	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209	0.209
2004	0.008	0.020	0.123	0.148	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164
2005	0.000	0.114	0.135	0.157	0.142	0.171	0.167	0.225	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227	0.227
2006	0.000	0.046	0.094	0.129	0.121	0.138	0.169	0.186	0.228	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	0.000	0.046	0.094	0.129	0.121	0.138	0.169	0.186	0.228	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243	0.243
2009	0.000	0.006	0.009	0.021	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028
2010	0.000	0.134	0.163	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183
2011	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2012	0.000	0.000	0.020	0.100	0.138	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148
2013	0.000	0.000	0.000	0.093	0.147	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167	0.167
2014	0.000	0.000	0.047	0.158	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155
2015	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Estimated Average Gross Face Value
As of 06/30/2018

Notification Year	Ultimate Gross Face Value (1)	Ultimate Claims (2)	Ultimate Average Gross Face Value (1) / (2)	Change in Ultimate Average Gross Face Value (4)	Percentage Change (4) / Prior (3)
	(1)	(2)	(3)	(4)	(5)
1989	38,000	1	38,000		
1990	47,128,000	323	145,907	107,907	283.966
1991	77,360,000	623	124,173	-21,734	-14.896
1992	43,855,000	348	126,020	1,847	1.487
1993	37,566,000	352	106,722	-19,299	-15.314
1994	28,488,000	276	103,217	-3,504	-3.283
1995	31,698,000	274	115,686	12,469	12.080
1996	47,702,000	445	107,196	-8,491	-7.339
1997	12,799,000	158	81,006	-26,189	-24.431
1998	18,554,000	211	87,934	6,927	8.552
1999	11,331,000	104	108,952	21,018	23.902
2000	5,071,000	64	79,234	-29,718	-27.276
2001	4,515,000	34	132,794	53,560	67.597
2002	4,594,000	45	102,089	-30,705	-23.122
2003	3,762,000	53	70,981	-31,108	-30.471
2004	3,410,000	40	85,250	14,269	20.102
2005	6,829,000	60	113,817	28,567	33.509
2006	8,116,000	61	133,049	19,233	16.898
2007	7,951,000	69	115,232	-17,817	-13.392
2008	10,015,000	73	137,192	21,960	19.057
2009	10,086,000	77	130,987	-6,205	-4.523
2010	4,761,000	34	140,029	9,042	6.903
2011	5,077,000	46	110,370	-29,660	-21.181
2012	8,081,000	68	118,838	8,469	7.673
2013	7,184,000	49	146,612	27,774	23.371
2014	9,538,000	67	142,358	-4,254	-2.902
2015	5,999,000	42	142,833	475	0.334
2016	6,064,000	41	147,902	5,069	3.549
2017	2,023,000	17	119,000	-28,902	-19.542
Total	469,595,000	4,055			

Exponential Fit:

Trend (%)

Intercept

R Squared

1.565

87,540

0.213

Notes:

1. Column (1) is from Reported Exhibit 16, column (4).
2. Column (2) is from Reported Exhibit 28, column (5).

Fiscal Year 2018 reported - Held Claims Removed - Final.rp4

Comparison of Ultimate Gross Face Value Estimates
As of 06/30/2018

Notification Year	Gross Face Value Development	Average Gross Face Value	Bornhuetter- Ferguson Using Average Gross Face Value	Ultimate Gross Face Value
	(1)	(2)	(3)	(4)
1989	\$ 37,901	\$ 38,000	\$ 37,902	\$ 38,000
1990	47,112,772	47,158,000	47,113,511	47,128,000
1991	77,416,212	77,252,000	77,412,417	77,360,000
1992	43,859,077	43,848,000	43,858,771	43,855,000
1993	37,514,008	37,664,000	37,518,932	37,566,000
1994	28,519,286	28,428,000	28,515,466	28,488,000
1995	31,651,663	31,784,000	31,658,035	31,698,000
1996	47,749,616	47,615,000	47,742,108	47,702,000
1997	12,800,309	12,798,000	12,800,161	12,799,000
1998	18,546,456	18,568,000	18,548,023	18,554,000
1999	11,327,917	11,336,000	11,328,586	11,331,000
2000	5,079,677	5,066,000	5,077,345	5,071,000
2001	4,511,609	4,522,000	4,512,797	4,515,000
2002	4,596,945	4,590,000	4,595,924	4,594,000
2003	3,761,011	3,763,000	3,761,362	3,762,000
2004	3,417,139	3,400,000	3,413,879	3,410,000
2005	6,821,198	6,840,000	6,825,057	6,829,000
2006	8,118,248	8,113,000	8,117,127	8,116,000
2007	7,962,243	7,935,000	7,955,888	7,951,000
2008	10,025,411	10,001,000	10,019,175	10,015,000
2009	10,085,398	10,087,000	10,085,869	10,086,000
2010	5,450,360	3,910,000	4,923,231	4,761,000
2011	4,930,775	5,244,000	5,056,410	5,077,000
2012	8,324,656	7,820,000	8,097,516	8,081,000
2013	8,545,398	5,831,000	7,175,870	7,184,000
2014	11,204,124	8,174,000	9,537,651	9,538,000
2015	7,175,768	5,250,000	5,999,321	5,999,000
2016	7,988,543	5,125,000	6,064,203	6,064,000
2017	1,415,777	2,125,000	2,022,718	2,023,000
Total	\$475,949,497	\$464,275,000	\$469,775,255	\$469,595,000

Notes:

1. Column (1) is from Reported Exhibit 17, column (4).
2. Column (2) is from Reported Exhibit 20, column (3).
3. Column (3) is from Reported Exhibit 21, column (10).
4. Selected ultimate gross face value in column (4) is based on a rounded average of columns (1) - (3) for notification years 1989 through 2013.
Selected ultimate gross face value for notification years 2014 through 2017 is based on column (3).

Ultimate Gross Face Value Based on Gross Face Value Development
As of 06/30/2018

Notification Year	Cumulative Gross Face Value	Selected Development Factors	Cumulative Development Factors	Ultimate Gross Face Value (1) x (3)
	(1)	(2)	(3)	(4)
1989	\$ 37,526	1.010	1.010	\$ 37,901
1990	46,342,767	1.007	1.017	47,112,772
1991	75,627,109	1.007	1.024	77,416,212
1992	42,646,226	1.005	1.028	43,859,077
1993	36,282,395	1.005	1.034	37,514,008
1994	27,325,884	1.009	1.044	28,519,286
1995	30,127,581	1.007	1.051	31,651,663
1996	45,086,619	1.008	1.059	47,749,616
1997	11,977,129	1.009	1.069	12,800,309
1998	17,197,251	1.009	1.078	18,546,456
1999	10,390,509	1.011	1.090	11,327,917
2000	4,579,358	1.017	1.109	5,079,677
2001	3,995,732	1.018	1.129	4,511,609
2002	3,920,927	1.038	1.172	4,596,945
2003	3,098,077	1.035	1.214	3,761,011
2004	2,767,182	1.017	1.235	3,417,139
2005	5,421,235	1.019	1.258	6,821,198
2006	6,384,957	1.011	1.271	8,118,248
2007	6,104,981	1.026	1.304	7,962,243
2008	7,464,453	1.030	1.343	10,025,411
2009	7,117,636	1.055	1.417	10,085,398
2010	3,585,184	1.073	1.520	5,450,360
2011	2,953,045	1.098	1.670	4,930,775
2012	4,577,818	1.089	1.818	8,324,656
2013	4,233,886	1.110	2.018	8,545,398
2014	5,042,207	1.101	2.222	11,204,124
2015	2,792,110	1.157	2.570	7,175,768
2016	2,620,132	1.186	3.049	7,988,543
2017	204,178	2.274	6.934	1,415,777
Total	\$419,904,094			\$475,949,497

Notes:

1. Cumulative Gross Face Value in column (1) is estimated using values available at April 30, 2018.
2. Development factors in columns (2) and (3) are selected in Reported Exhibit 19.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 18

Gross Face Value
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1989	0	0	37,526	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	6,497,062	7,973,920	6,053,469	15,976,271	2,738,420	2,049,709	1,055,129	1,593,616	1,366,531	3,693,768	576,143	1,119,273	2,338,310	0	0	0	648,345	0	673,397	0	0	0	0	0	0	0	0	0	0
1991	8,175,354	10,537,362	6,033,791	5,515,991	5,577,650	4,403,415	4,773,351	2,774,533	3,655,566	1,366,531	2,225,942	2,837,221	1,853,883	1,954,628	1,082,547	1,157,887	1,088,487	1,073,690	552,285	338,296	415,139	380,160	141,591	259,204	0	0	0	0	0
1992	2,909,920	6,626,453	5,146,877	3,392,138	4,571,007	1,574,599	1,395,628	4,655,938	661,655	1,322,955	1,667,443	1,150,407	822,151	1,120,482	1,133,560	669,916	423,222	370,597	487,420	291,807	332,187	277,337	137,733	124,160	554,906	422,699	516,999	595,031	516,999
1993	1,932,233	3,604,990	3,421,795	2,655,578	2,523,414	1,650,123	6,934,854	1,417,898	1,650,989	2,255,735	1,240,419	1,021,240	532,174	897,985	955,012	911,559	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780
1994	1,783,231	3,275,204	3,500,949	2,158,536	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231	1,783,231
1995	2,660,742	3,222,174	4,477,489	2,484,859	3,297,279	1,106,987	1,848,335	2,194,010	1,258,933	1,834,785	914,439	739,845	481,965	367,353	438,324	473,301	444,029	644,611	741,472	353,219	537,751	339,202	200,987	338,921	189,203	42,386	57,590	42,386	42,386
1996	1,154,478	1,029,321	1,800,020	633,879	971,012	905,975	880,324	402,582	331,324	1,564,365	416,532	422,690	295,432	300,139	201,939	219,768	202,105	301,422	173,812	77,805	55,078	189,357	368,879	184,950	189,357	189,357	189,357	189,357	189,357
1997	1,249,020	2,914,873	1,131,788	1,116,559	1,589,937	705,148	900,290	869,951	861,000	786,500	764,656	522,344	348,207	393,809	303,716	686,128	627,908	398,813	320,611	582,479	0	0	0	0	0	0	0	0	0
1998	324,983	3,986,110	1,541,885	1,134,221	381,752	430,359	211,136	523,119	224,027	180,403	186,156	102,171	29,016	81,771	29,016	81,771	29,016	81,771	29,016	81,771	29,016	81,771	29,016	81,771	29,016	81,771	29,016	81,771	29,016
1999	335,407	669,755	413,029	842,816	309,776	119,605	103,194	122,462	129,334	232,296	83,326	21,777	64,448	24,032	84,638	149,513	76,785	19,222	0	0	0	0	0	0	0	0	0	0	0
2000	123,190	718,678	532,288	501,422	446,131	313,580	192,875	327,345	133,551	171,155	32,094	73,228	19,720	34,041	23,161	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2001	315,460	392,815	627,079	398,541	301,659	236,530	252,022	160,908	63,617	167,164	37,084	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	398,559	735,225	483,399	295,328	189,590	206,394	94,883	101,900	68,165	83,746	40,534	62,862	24,311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	912,014	1,159,911	543,066	552,547	415,163	365,348	175,548	158,595	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867	125,867
2004	567,688	1,795,869	695,260	448,130	748,333	407,663	261,947	233,049	503,733	400,438	112,412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005	1,517,095	1,271,009	458,559	570,740	684,354	759,376	453,782	680,030	407,242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2006	1,759,245	2,106,598	538,454	526,171	342,740	388,572	374,270	746,223	343,382	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	569,289	906,647	319,952	595,468	287,553	372,835	246,614	212,737	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	918,817	1,095,752	410,568	510,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568	410,568
2009	1,173,424	1,769,249	424,817	519,233	550,185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	1,290,722	2,077,718	769,997	900,789	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	1,600,941	698,387	432,782	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	831,497	1,786,035	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note: Gross face value is estimated using values available at April 30, 2018.

Cumulative Gross Face Value
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1989	0	0	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526
1990	6,497,062	14,461,881	20,626,350	22,601,420	25,340,440	27,388,749	28,554,878	30,119,694	31,516,225	35,319,981	36,684,534	36,812,807	39,351,117	39,705,622	40,787,127	41,848,460	42,484,940	43,700,207	43,789,659	44,127,852	44,355,148	44,579,372	44,798,446	45,013,470	45,224,444	45,431,418	45,636,392	45,839,366	46,040,340
1991	8,175,354	16,112,716	25,196,547	30,512,446	35,990,400	40,175,859	43,970,400	47,362,931	50,354,462	53,047,993	55,440,524	57,533,055	59,325,586	60,918,117	62,310,648	63,503,179	64,495,710	65,288,241	65,880,772	66,373,303	66,765,834	67,058,365	67,250,896	67,343,427	67,335,958	67,218,489	66,986,020	66,637,551	66,174,082
1992	2,909,920	6,626,453	5,146,877	3,392,138	4,571,007	1,574,599	1,395,628	4,655,938	661,655	1,322,955	1,667,443	1,150,407	822,151	1,120,482	1,133,560	669,916	423,222	370,597	487,420	291,807	332,187	277,337	137,733	124,160	554,906	422,699	516,999	595,031	516,999
1993	1,932,233	3,604,990	3,421,795	2,655,578	2,523,414	1,650,123	6,934,854	1,417,898	1,650,989	2,255,735	1,240,419	1,021,240	532,174	897,985	955,012	911,559	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780	330,780
1994	1,783,231	3,038,325	7,824,028	9,147,898	16,759,508	17,100,577	10,951,577	10,951,577	20,373,040	24,388,793	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385	25,126,385
1995	1,624,448	4,803,768	6,264,028	9,748,876	15,138,155	18,244,262	16,088,948	16,088,948	27,411,049	30,915,068	32,851,018	34,817,443	36,783,868	38,750,293	40,716,718	42,683,143	44,649,568	46,615,993	48,582,418	50,548,843	52,515,268	54,481,693	56,448,118	58,414,543	60,380,968	62,347,393	64,313,818	66,280,243	68,246,668
1996	2,660,742	5,832,616	10,360,440	13,790,365	25,201,449	27,741,049	27,741,049	27,741,049	30,915,068	32,851,018	34,817,443	36,783,868	38,750,293	40,716,718	42,683,143	44,649,568	46,615,993	48,582,418	50,548,843	52,515,268	54,481,693	56,448,118	58,414,543	60,380,968	62,347,393	64,313,818	66,280,243	68,246,668	70,213,093
1997	1,154,478	1,029,321	1,800,020	633,879	971,012	905,975	880,324	402,582	331,324	1,564,365	416,532	422,690	295,432	300,139	201,939	219,768	202,105	301,422	173,812	77,805	55,078	189,357	368,879	184,950	189,357	189,357	189,357	189,357	189,357
1998	1,249,020	2,914,873	1,131,788	1,116,559	1,589,937	705,148	900,290	869,951	861,000	786,500	764,656	522,344	348,207	393,809	303,716	686,128	627,908	398,813	320,611	582,479	0	0	0	0	0	0	0	0	0
1999	324,983	3,986,110	1,541,885	1,134,221	381,752	430,359	211,136	523,119	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027	224,027
2000	363,370	973,193	2,117,592	2,418,016	2,694,589	3,135,237	3,438,091	3,624,391	3,747,969	3,788,520	3,846,043	3,926,505	3,984,517	4,074,441	4,161,853	4,254,788	4,348,720	4,438,652	4,528,584	4,618,516	4,708,500	4,798,500	4,888,500	4,978,500	5,068,500	5,158,500	5,248,500	5,338,500	5,428,500
2001	335,487	1,043,441	1,471,270	2,900,086	2,783,863	2,907,088	3,005,932	3,129,324	3,258,658	3,400,924	3,574,250	3,760,475	3,954,699	4,148,924	4,343,149	4,537,374	4,731,599	4,925,824	5,119,049	5,313,274	5,507,500	5,701,725	5,895,950	6,090,175	6,284,400	6,478,625	6,672,850	6,867,075	7,061,300
2002	123,180	984,841	1,341,756	1,975,898	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985	2,157,985
2003	208,558	1,073,784	1,617,183	1,912,508	2,073,869	2,276,432	2,374,315	2,476,216	2,544,470	2,608,158	2,668,680	2,711,583	2,755,864	2,797,182	2,838,500	2,879,818	2,921,136	2,962,454	3,003,772	3,045,090	3,086,408	3,127,726	3,169,044	3,210,362	3,251,680	3,292,998	3,334,316	3,375,634	3,416,952
2004	90,912	1,013,926	2,615,981	3,931,177	3,945,930	4,150,234	4,468,963	4,820,855	5,120,700	5,271,485	5,412,270	5,553,055	5,693,840	5,834,625	5,975,410	6,116,195	6,256,980	6,397,765	6,538,550	6,679,335	6,820,120	6,960,905	7,101,690	7,242,475	7,383,260	7,524,045	7,664,830	7,805,615	7,946,400
2005	708,626	2,200,952	3,538,809	4,103,964	4,304,485	4,611,837	4,828,161	5,069,274	5,872,631	6,144,830	6,332,955	6,384,957	6,436,959	6,488,961	6,540,963	6,592,965	6,644,967	6,696,969	6,748,971	6,800,973	6,852,975	6,904,977	6,956,979	7,008,981	7,060,983	7,112,985	7,164,987	7,216,989	7,268,991
2006	567,888	2,383,967	2,969,078	3,417,208	4,105,440	4,575,403	4,853,340	5,081,368	5,272,131	5,992,968	6,104,981	6,156,994	6,208,007	6,259,020	6,310,033	6,361,046	6,412,059	6,463,072	6,514,085	6,565,098	6,616,111	6,667,124	6,718,137	6,769,150	6,820,163	6,871,176	6,922,189	6,973,202	7,024,215
2007	1,170,244	2,666,943	4,399,238	4,622,465	5,265,700	5,953,781	6,028,951	6,104,121	6,179,291	6,254,461	6,329,631	6,404,801	6,479,971	6,555,141	6,630,311	6,705,481	6,780,651	6,855,821	6,930,991	7,006,161	7,081,331	7,156,501	7,231,671	7,306,841	7,382,011	7,457,181	7,532,351	7,607,521	7,682,691
2008	1,170,244	2,666,943	4,399,238	4,622,465	5,265,700	5,953,781	6,028,951	6,104,121	6,179,291	6,254,461	6,329,631	6,404,801	6,479,971	6,555,141	6,630,311	6,705,481	6,780,651	6,855,821	6,930,991	7,006,161	7,081,331	7,156,501	7,231,671	7,306,841	7,382,011	7,457,181	7,532,351	7,607,521	7,682,691
2009	280,288	1,878,895	1,878,895	2,462,355	2,752,508	3,125,633	3,372,447	3,583,184	3,788,921	3,994,658	4,199,395	4,404,132	4,608,869	4,813,606	5,018,343	5,223,080	5,427,817	5,632,554	5,837,291	6,042,028	6,246,765	6,451,502	6,656,239	6,860,976	7,065,713	7,270,450	7,475,187	7,680,924	7,885,661
2010	918,817	1,925,568	2,175,592	2,431,646	2,952,068	2,803,644	2,953,045	3,107,467	3,261,889	3,416,311	3,570,733	3,725,155	3,879,577	4,033,999	4,188,421	4,342,843	4,497,265	4,651,687	4,806,109	4,960,531	5,114,953	5,269,375	5,423,797	5,578,219	5,732,641	5,887,063	6,041,485	6,195,907	6,349,329
2011	812,778	2,595,230	3,177,948	3,576,004	4,136,816	4,233,888	4,330,960	4,427,032	4,523,104	4,619,176	4,715,248	4,811,320	4,907,392	5,003,464	5,100,536	5,196,608	5,292,680	5,388,752	5,484,824	5,580,896	5,676,968	5,773,040	5,869,112	5,965,184	6,061,256	6,157,328	6,253,400	6,349,472	6,445,544
2012	1,173,424	2,509,072	3,364,469	3,783,721	4,233,888	4,330,960	4,427,032	4,523,104	4,619,176	4,715,248	4,811,320	4,907,392	5,003,464	5,100,536	5,196,608	5,292,680	5,388,752	5,484,824	5,580,896	5,676,968	5,773,040	5,869,112	5,965,184	6,061,256	6,157,328	6,253,400	6,349,472	6,445,544	6,541,616
2013	1,173,424	2,509,072	3,364,469	3,783,721	4,233,888	4,330,960	4,427,032	4,523,104	4,619,176	4,715,248	4,811,320	4,907,392	5,003,464	5,100,536	5,196,608	5,292,680	5,388,752	5,484,824	5,580,896	5,676,968	5,773,040	5,869,112	5,965,184	6,061,256	6,157,328	6,253,400	6,349,472	6,445,544	6,541,616
2014	1,173,424	2,509,072	3,364,469	3,783,721	4,233,888	4,330,960	4,427,032	4,523,104	4,619,176	4,715,248	4,811,320	4,907,392	5,003,464	5,100,536	5,196,608	5,292,680	5,388,752	5,484,824	5,580,896	5,676,968	5,773,040	5,869,112	5,965,184	6,061,256	6,157,328	6,253,400	6,349,472	6,445,544	6,541,616
2015	1,173,424	2,509,072	3,364,469	3,783,721	4,233,888	4,330,960	4,427,032	4,523,104	4,619,176	4,715,248	4,811,320	4,907,392	5,003,464	5,100,536	5,196,608	5,292,680	5,388,752	5,484,824	5,580,896	5,676,968	5,773,040	5,869,112	5,965,184	6,061,256	6,157,328	6,253,400	6,349,472	6,445,544	6,541,616
2016	1,173,424	2,509,072	3,364,469	3,783,721	4,233,888	4,330,960	4,427,032	4,523,104	4,619,176	4,715,248	4,811,320	4,907,392	5,003,464	5,100,536	5,196,608	5,292,680	5,388,752	5,484,824	5,580,896	5,676,968	5,773,040	5,869,112	5,965,184	6,061,256	6,157,328	6,253,400	6,349,472	6,445,544	6,541,616
2017	324,178	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132	2,620,132

Gross Face Value Development
As of 06/30/2018

[illegible]

Ultimate Gross Face Value based on Average Gross Face Value
As of 06/30/2018

Notification Year	Ultimate Claims	Selected Average Gross Face Value	Ultimate Gross Face Value (1) x (2)
	(1)	(2)	(3)
1989	1	38,000 \$	38,000
1990	323	146,000	47,158,000
1991	623	124,000	77,252,000
1992	348	126,000	43,848,000
1993	352	107,000	37,664,000
1994	276	103,000	28,428,000
1995	274	116,000	31,784,000
1996	445	107,000	47,615,000
1997	158	81,000	12,798,000
1998	211	88,000	18,568,000
1999	104	109,000	11,336,000
2000	64	79,000	5,056,000
2001	34	133,000	4,522,000
2002	45	102,000	4,590,000
2003	53	71,000	3,763,000
2004	40	85,000	3,400,000
2005	60	114,000	6,840,000
2006	61	133,000	8,113,000
2007	69	115,000	7,935,000
2008	73	137,000	10,001,000
2009	77	131,000	10,087,000
2010	34	115,000	3,910,000
2011	46	114,000	5,244,000
2012	68	115,000	7,820,000
2013	49	119,000	5,831,000
2014	67	122,000	8,174,000
2015	42	125,000	5,250,000
2016	41	125,000	5,125,000
2017	17	125,000	2,125,000
Total	4,055		\$464,275,000

Notes:

1. Column (1) is from Reported Exhibit 28, column (5).
2. Selected average gross face value in column (2) is from Reported Exhibit 22, column (4).

Fiscal Year 2018 reported - Held Claims Removed - Final.rp4

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 21

Ultimate Gross Face Value Based on Bornhuetter-Ferguson Using Average Gross Face Value
As of 06/30/2018

Notification Year	Ultimate Claims	Selected Average Gross Face Value	Expected Ultimate Gross Face Value (1) x (2)	Selected Development Factors	Cumulative Development Factors	Ratio of Cumulative Gross Face Value to Ultimate Gross Face Value 1 / (5)	Ratio of Undeveloped Gross Face Value to Ultimate Gross Face Value 1 - (6)	Undeveloped Gross Face Value (3) x (7)	Cumulative Gross Face Value	Ultimate Gross Face Value (8) + (9)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1989	1	\$ 38,000	\$ 38,000	1.010	1.010	0.990	0.010	\$ 376	\$ 37,526	\$ 37,902
1990	323	146,000	47,158,000	1.007	1.017	0.984	0.016	770,743	46,342,767	47,113,511
1991	623	124,000	77,252,000	1.007	1.024	0.977	0.023	1,785,307	75,627,109	77,412,417
1992	348	126,000	43,848,000	1.005	1.028	0.972	0.028	1,212,544	42,646,226	43,858,771
1993	352	107,000	37,864,000	1.005	1.034	0.967	0.033	1,236,537	36,282,395	37,518,932
1994	276	103,000	28,428,000	1.009	1.044	0.958	0.042	1,189,582	27,325,884	28,515,466
1995	274	116,000	31,784,000	1.007	1.051	0.952	0.048	1,530,454	30,127,581	31,658,035
1996	445	107,000	47,615,000	1.008	1.059	0.944	0.056	2,855,490	45,086,619	47,942,108
1997	158	81,000	12,798,000	1.009	1.069	0.936	0.064	823,031	11,977,129	12,800,161
1998	211	88,000	18,568,000	1.009	1.078	0.927	0.073	1,350,772	17,197,251	18,548,023
1999	104	109,000	11,336,000	1.011	1.090	0.917	0.083	938,076	10,390,509	11,328,586
2000	64	79,000	5,056,000	1.017	1.109	0.902	0.098	497,987	4,579,358	5,077,345
2001	34	133,000	4,522,000	1.018	1.129	0.886	0.114	517,064	3,995,732	4,512,797
2002	45	102,000	4,590,000	1.038	1.172	0.853	0.147	674,997	3,920,927	4,595,924
2003	53	71,000	3,763,000	1.035	1.214	0.824	0.176	663,285	3,098,077	3,761,362
2004	40	85,000	3,400,000	1.017	1.235	0.810	0.190	646,697	2,767,182	3,413,879
2005	60	114,000	6,840,000	1.019	1.258	0.795	0.205	1,403,822	5,421,235	6,825,057
2006	61	133,000	8,113,000	1.011	1.271	0.786	0.214	1,732,171	6,384,957	8,117,127
2007	69	115,000	7,935,000	1.026	1.304	0.767	0.233	1,850,907	6,104,981	7,955,888
2008	73	137,000	10,001,000	1.030	1.343	0.745	0.255	2,554,722	7,484,453	10,019,175
2009	77	131,000	10,087,000	1.055	1.417	0.706	0.294	2,968,233	7,117,636	10,085,869
2010	34	115,000	3,910,000	1.073	1.520	0.658	0.342	1,338,047	3,585,184	4,923,231
2011	46	114,000	5,244,000	1.098	1.670	0.599	0.401	2,103,364	2,953,045	5,056,410
2012	68	115,000	7,820,000	1.089	1.818	0.550	0.450	3,519,698	4,577,818	8,097,516
2013	49	119,000	5,831,000	1.110	2.018	0.495	0.505	2,941,984	4,233,886	7,175,870
2014	67	122,000	8,174,000	1.101	2.222	0.450	0.550	4,495,444	5,042,207	9,537,651
2015	42	125,000	5,250,000	1.157	2.570	0.389	0.611	3,207,212	2,792,110	5,999,321
2016	41	125,000	5,125,000	1.186	3.049	0.328	0.672	3,444,070	2,620,132	6,064,203
2017	17	125,000	2,125,000	2.274	6.934	0.144	0.856	1,818,540	204,178	2,022,718
Total	4,055		\$464,275,000					\$ 49,871,156	\$419,904,094	\$ 469,775,255

Notes:

1. Column (1) is from Reported Exhibit 28, column (5).
2. Selected average gross face value in column (2) is from Reported Exhibit 22, column (4).
3. Development factors in columns (4) and (5) are selected in Reported Exhibit 19.
4. Cumulative gross face value in column (9) is estimated using values available at April 30, 2018.

Preliminary Average Gross Face Value
As of 06/30/2018

Notification Year	Ultimate Gross Face Value Based on Development Method	Ultimate Claims	Preliminary Average Gross Face Value (1) / (2)	Selected Average Gross Face Value
	(1)	(2)	(3)	(4)
1989	\$ 37,901	1	37,901	38,000
1990	47,112,772	323	145,860	146,000
1991	77,416,212	623	124,264	124,000
1992	43,859,077	348	126,032	126,000
1993	37,514,008	352	106,574	107,000
1994	28,519,286	276	103,331	103,000
1995	31,651,663	274	115,517	116,000
1996	47,749,616	445	107,303	107,000
1997	12,800,309	158	81,015	81,000
1998	18,546,456	211	87,898	88,000
1999	11,327,917	104	108,922	109,000
2000	5,079,677	64	79,370	79,000
2001	4,511,609	34	132,694	133,000
2002	4,596,945	45	102,154	102,000
2003	3,761,011	53	70,962	71,000
2004	3,417,139	40	85,428	85,000
2005	6,821,198	60	113,687	114,000
2006	8,118,248	61	133,086	133,000
2007	7,962,243	69	115,395	115,000
2008	10,025,411	73	137,334	137,000
2009	10,085,398	77	130,979	131,000
2010	5,450,360	34	160,305	115,000
2011	4,930,775	46	107,191	114,000
2012	8,324,656	68	122,421	115,000
2013	8,545,398	49	174,396	119,000
2014	11,204,124	67	167,226	122,000
2015	7,175,768	42	170,852	125,000
2016	7,988,543	41	194,843	125,000
2017	1,415,777	17	83,281	125,000
Total	\$ 475,949,497	4,055		

Notes:

- Column (1) is from Report Exhibit 17, column (4).
- Column (2) is from Reported Exhibit 28, column (5).
- Column (4) is based on column (3) for notification years 1989 - 2009; the rounded average of column (3) from 2000 through the associated year for notification years 2010 - 2015; and the rounded average of column (3) of years 2000 - 2015 for notification years 2016 - 2017.

Cumulative Gross Face Value per Cumulative Reported Claims
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	20,037	40,074	60,111	80,148	99,874	78,452	84,706	86,455	93,247	97,570	108,729	115,509	113,872	121,211	122,898	128,276	130,565	131,593	133,604	135,572	139,509	135,594	136,591	137,591	138,591	139,591	140,591	141,591	142,591
1991	13,123	22,619	32,115	41,611	51,107	60,603	70,099	79,595	89,091	98,587	108,083	117,579	127,075	136,571	146,067	155,563	165,059	174,555	184,051	193,547	203,043	212,539	222,035	231,531	241,027	250,523	260,019	269,515	279,011
1992	8,559	15,731	25,502	32,968	40,165	44,653	64,554	68,682	73,305	79,784	83,318	86,516	87,781	89,628	91,226	92,696	94,473	95,788	96,784	97,913	98,672	99,423	100,355	101,300	102,257	103,235	104,235	105,235	106,235
1993	5,099	17,751	26,511	35,580	55,241	59,278	69,917	74,024	73,509	85,970	89,510	91,709	93,395	94,736	96,328	98,057	99,678	101,330	104,737	105,026	107,688	109,223	109,055	109,055	109,055	109,055	109,055	109,055	109,055
1994	5,079	13,220	23,382	46,621	51,019	56,832	62,339	68,798	73,860	77,634	81,725	85,097	87,917	90,313	92,350	95,095	97,218	98,487	99,623	100,626	101,689	102,223	103,055	103,055	103,055	103,055	103,055	103,055	103,055
1995	5,094	12,708	23,072	39,364	37,869	41,250	45,553	49,739	53,929	55,425	57,252	62,728	64,378	65,245	67,684	70,096	73,333	77,234	78,743	81,504	82,452	83,452	84,452	85,452	86,452	87,452	88,452	89,452	90,452
1996	5,121	35,903	52,506	63,412	67,292	71,220	73,250	78,282	85,435	82,558	85,046	86,955	87,073	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143
1997	5,121	35,903	52,506	63,412	67,292	71,220	73,250	78,282	85,435	82,558	85,046	86,955	87,073	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143
1998	5,121	35,903	52,506	63,412	67,292	71,220	73,250	78,282	85,435	82,558	85,046	86,955	87,073	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143
1999	5,121	35,903	52,506	63,412	67,292	71,220	73,250	78,282	85,435	82,558	85,046	86,955	87,073	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143	87,143
2000	9,867	32,419	42,957	70,297	81,875	86,402	88,437	92,529	99,643	102,074	105,125	105,769	107,691	108,368	110,863	115,263	117,522	118,522	119,522	120,522	121,522	122,522	123,522	124,522	125,522	126,522	127,522	128,522	129,522
2001	2,708	18,705	30,537	41,680	51,944	58,922	62,843	70,122	71,090	76,884	80,010	82,700	85,010	86,217	87,760	89,387	90,182	91,182	92,182	93,182	94,182	95,182	96,182	97,182	98,182	99,182	100,182	101,182	102,182
2002	9,864	29,345	42,430	47,813	51,627	56,895	66,358	81,505	63,610	65,204	66,217	67,760	69,387	70,182	71,182	72,182	73,182	74,182	75,182	76,182	77,182	78,182	79,182	80,182	81,182	82,182	83,182	84,182	85,182
2003	15,200	34,615	42,094	47,280	58,835	65,789	70,791	79,794	82,794	84,794	86,794	88,794	90,794	92,794	94,794	96,794	98,794	100,794	102,794	104,794	106,794	108,794	110,794	112,794	114,794	116,794	118,794	120,794	122,794
2004	9,964	29,540	42,430	47,813	51,627	56,895	66,358	81,505	63,610	65,204	66,217	67,760	69,387	70,182	71,182	72,182	73,182	74,182	75,182	76,182	77,182	78,182	79,182	80,182	81,182	82,182	83,182	84,182	85,182
2005	8,230	34,258	43,030	45,525	60,370	65,281	70,278	73,455	82,756	86,849	88,478	90,107	91,736	93,365	94,994	96,623	98,252	99,881	101,510	103,139	104,768	106,397	108,026	109,655	111,284	112,913	114,542	116,171	117,800
2006	20,732	39,193	57,655	63,529	65,329	67,129	68,929	70,729	72,529	74,329	76,129	77,929	79,729	81,529	83,329	85,129	86,929	88,729	90,529	92,329	94,129	95,929	97,729	99,529	101,329	103,129	104,929	106,729	108,529
2007	8,230	34,258	43,030	45,525	60,370	65,281	70,278	73,455	82,756	86,849	88,478	90,107	91,736	93,365	94,994	96,623	98,252	99,881	101,510	103,139	104,768	106,397	108,026	109,655	111,284	112,913	114,542	116,171	117,800
2008	17,861	42,831	58,261	72,510	60,048	81,825	66,160	105,447	85,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435
2009	12,144	39,480	45,735	52,486	60,323	67,323	74,323	81,323	88,323	95,323	102,323	109,323	116,323	123,323	130,323	137,323	144,323	151,323	158,323	165,323	172,323	179,323	186,323	193,323	200,323	207,323	214,323	221,323	228,323
2010	17,861	42,831	58,261	72,510	60,048	81,825	66,160	105,447	85,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435	105,435
2011	12,144	39,480	45,735	52,486	60,323	67,323	74,323	81,323	88,323	95,323	102,323	109,323	116,323	123,323	130,323	137,323	144,323	151,323	158,323	165,323	172,323	179,323	186,323	193,323	200,323	207,323	214,323	221,323	228,323
2012	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2013	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2014	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2015	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2016	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2017	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2018	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2019	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2020	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2021	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2022	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2023	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	195,267	204,249	213,231	222,213	231,195	240,177	249,159	258,141	267,123	276,105	285,087	294,069	303,051
2024	23,847	59,663	68,893	77,219	88,465	96,465	105,447	114,429	123,411	132,393	141,375	150,357	159,339	168,321	177,303	186,285	19												

Notes:

- 1. Gross face value is estimated using values available at April 30, 2018.
- 2. Reported claims for notification year 2017 is estimated using values available at April 30, 2018.

Cumulative Gross Face Value on Closed Claims per Cumulative Closed Claims
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1989	0	0	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526	37,526
1990	0	1,694,102	3,388,204	5,082,306	6,776,408	8,470,510	10,164,612	11,858,714	13,552,816	15,246,918	16,941,020	18,635,122	20,329,224	22,023,326	23,717,428	25,411,530	27,105,632	28,799,734	30,493,836	32,187,938	33,882,040	35,576,142	37,270,244	38,964,346	40,658,448	42,352,550	44,046,652	45,740,754	47,434,856
1991	2,657,987	365,703	172,444	143,034	140,995	135,237	141,835	137,911	142,853	144,381	140,853	137,031	134,031	129,843	125,159	121,159	119,057	117,210	115,644	114,511	114,500	113,725	112,800	112,702	112,113	111,732	111,732	111,732	111,732
1992	989,059	171,537	169,275	161,467	163,800	155,330	155,978	159,402	162,637	160,927	150,988	146,529	133,534	126,245	123,614	123,132	121,382	121,125	120,339	119,880	118,089	117,050	117,050	117,423	117,214	115,473	115,473	115,473	115,473
1993	462,075	115,190	123,190	110,466	121,916	115,473	139,916	131,717	128,862	127,760	122,518	114,025	108,597	102,248	100,345	99,391	98,602	97,511	96,742	95,416	94,416	93,416	92,416	91,416	90,416	89,416	88,416	87,416	86,416
1994	260,735	61,937	62,577	52,577	52,577	43,577	39,577	36,577	33,577	30,577	27,577	24,577	21,577	18,577	15,577	12,577	9,577	6,577	3,577	3,577	3,577	3,577	3,577	3,577	3,577	3,577	3,577	3,577	3,577
1995	96,915	76,392	57,851	48,331	48,696	39,634	39,634	33,634	33,634	28,634	23,634	18,634	13,634	8,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634	3,634
1996	1,094,478	174,486	147,729	123,807	123,806	98,281	87,134	83,338	80,711	81,099	81,631	80,234	78,781	76,981	75,081	73,181	71,281	69,381	67,481	65,581	63,681	61,781	59,881	57,981	56,081	54,181	52,281	50,381	48,481
1997	226,833	52,833	52,833	42,833	42,833	32,833	22,833	12,833	12,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833	8,833
1998	466,017	226,833	226,833	126,833	126,833	76,833	76,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833	26,833
1999	0	66,028	108,640	60,459	69,823	68,548	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793	69,793
2000	0	865,465	108,640	219,794	184,949	128,054	114,545	106,650	114,472	122,270	116,250	116,883	118,238	114,887	108,341	104,956	101,569	98,182	94,795	91,408	88,021	84,634	81,247	77,860	74,473	71,086	67,699	64,312	60,925
2001	0	865,465	108,640	219,794	184,949	128,054	114,545	106,650	114,472	122,270	116,250	116,883	118,238	114,887	108,341	104,956	101,569	98,182	94,795	91,408	88,021	84,634	81,247	77,860	74,473	71,086	67,699	64,312	60,925
2002	0	261,557	191,690	89,791	84,052	81,517	70,135	66,556	67,469	64,145	62,312	60,981	59,651	58,321	56,991	55,661	54,331	53,001	51,671	50,341	49,011	47,681	46,351	45,021	43,691	42,361	41,031	39,701	38,371
2003	0	261,557	191,690	89,791	84,052	81,517	70,135	66,556	67,469	64,145	62,312	60,981	59,651	58,321	56,991	55,661	54,331	53,001	51,671	50,341	49,011	47,681	46,351	45,021	43,691	42,361	41,031	39,701	38,371
2004	0	248,155	108,074	114,537	111,130	101,671	72,399	69,010	63,402	63,547	59,678	56,076	52,474	48,872	45,270	41,668	38,066	34,464	30,862	27,260	23,658	20,056	16,454	12,852	9,250	5,648	2,046	-1,556	-3,158
2005	0	385,834	338,362	205,639	167,019	143,880	122,960	122,169	116,004	113,464	102,889	95,051	87,213	79,375	71,537	63,699	55,861	48,023	40,185	32,347	24,509	16,671	8,833	0,995	-7,153	-15,315	-23,477	-31,639	-39,801
2006	0	424,265	94,739	67,899	62,200	58,271	59,030	60,319	61,608	62,897	64,186	65,475	66,764	68,053	69,342	70,631	71,920	73,209	74,498	75,787	77,076	78,365	79,654	80,943	82,232	83,521	84,810	86,099	87,388
2007	0	212,868	144,410	121,111	107,650	96,534	82,261	73,951	69,920	68,319	66,718	65,117	63,516	61,915	60,314	58,713	57,112	55,511	53,910	52,309	50,708	49,107	47,506	45,905	44,304	42,703	41,102	39,501	37,900
2008	0	424,265	94,739	67,899	62,200	58,271	59,030	60,319	61,608	62,897	64,186	65,475	66,764	68,053	69,342	70,631	71,920	73,209	74,498	75,787	77,076	78,365	79,654	80,943	82,232	83,521	84,810	86,099	87,388
2009	0	424,265	94,739	67,899	62,200	58,271	59,030	60,319	61,608	62,897	64,186	65,475	66,764	68,053	69,342	70,631	71,920	73,209	74,498	75,787	77,076	78,365	79,654	80,943	82,232	83,521	84,810	86,099	87,388
2010	403	392,725	102,241	68,594	73,349	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570
2011	403	392,725	102,241	68,594	73,349	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570	68,570
2012	330,380	87,466	45,715	38,439	39,405	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790	31,790
2013	0	100,729	63,334	49,741	41,152	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566	33,566
2014	64,784	52,878	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065	33,065
2015	0	139,000	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306	62,306
2016	0	11,220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2017	0	11,220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Ultimate Disallowed Costs Based on Ratio to Gross Face Value Development
As of 06/30/2018

Notification Year	Ultimate Gross Face Value	Selected Ratio of Disallowed Costs to Gross Face Value	Ultimate Disallowed Costs (1) x (2)
	(1)	(2)	(3)
1989	\$ 38,000	0.146	\$ 5,548
1990	47,128,000	0.190	8,954,320
1991	77,360,000	0.178	13,770,080
1992	43,855,000	0.197	8,639,435
1993	37,566,000	0.207	7,776,162
1994	28,488,000	0.200	5,697,600
1995	31,698,000	0.220	6,973,560
1996	47,702,000	0.194	9,254,188
1997	12,799,000	0.148	1,894,252
1998	18,554,000	0.202	3,747,908
1999	11,331,000	0.203	2,300,193
2000	5,071,000	0.202	1,024,342
2001	4,515,000	0.280	1,264,200
2002	4,594,000	0.202	927,988
2003	3,762,000	0.202	759,924
2004	3,410,000	0.202	688,820
2005	6,829,000	0.250	1,707,250
2006	8,116,000	0.250	2,029,000
2007	7,951,000	0.250	1,987,750
2008	10,015,000	0.250	2,503,750
2009	10,086,000	0.250	2,521,500
2010	4,761,000	0.250	1,190,250
2011	5,077,000	0.250	1,269,250
2012	8,081,000	0.250	2,020,250
2013	7,184,000	0.250	1,796,000
2014	9,538,000	0.250	2,384,500
2015	5,999,000	0.250	1,499,750
2016	6,064,000	0.250	1,516,000
2017	2,023,000	0.250	505,750
Total	\$469,595,000		\$96,609,520

Notes:

- Column (1) is from Reported Exhibit 16, column (4).
- Selected ratio in column (2) is based on column (3) of Reported Exhibit 25 for notification years 1989 through 1997. For notification years 1998, 2000, and 2002 - 2004 the average ratio of all years from Reported Exhibit 25 is used. The ratio for notification years 1999 and 2001 is calculated by excluding claims in each of the years with a high gross face value or disallowed cost. The ratio for notification years 2005 - 2017 is based on column (3) from Reported Exhibit 25 using the rounded average of years 2000 - 2013.

Ratio of Disallowed Costs on Closed Claims to Cumulative Gross Face Value on Closed Claims
As of 06/30/2018

Notification Year	Cumulative Disallowed Costs on Closed Claims	Cumulative Gross Face Value on Closed Claims	Ratio (1) / (2)
	(1)	(2)	(3)
1989	\$ 5,486	\$ 37,526	0.146
1990	7,764,174	40,918,309	0.190
1991	11,714,479	65,810,073	0.178
1992	7,569,327	38,337,146	0.197
1993	6,396,068	30,952,292	0.207
1994	4,798,259	23,984,587	0.200
1995	5,332,639	24,290,493	0.220
1996	7,604,286	39,253,470	0.194
1997	1,598,464	10,830,351	0.148
1998	2,496,072	11,740,663	0.213
1999	2,456,003	7,729,133	0.318
2000	928,319	3,521,712	0.264
2001	1,404,409	3,358,579	0.418
2002	419,521	3,116,923	0.135
2003	462,414	2,562,586	0.180
2004	353,629	2,180,932	0.162
2005	418,226	2,864,450	0.146
2006	1,292,421	4,944,728	0.261
2007	877,719	4,033,947	0.218
2008	1,017,470	3,514,923	0.289
2009	729,643	2,913,561	0.250
2010	293,858	1,335,916	0.220
2011	423,050	1,230,685	0.344
2012	373,471	1,204,923	0.310
2013	346,220	1,152,266	0.300
2014	251,246	985,020	0.255
2015	151,561	1,433,035	0.106
2016	-	112,276	0.000
2017	-	-	0.000
Total	\$67,478,434	\$334,350,505	0.202

Notes:

1. Disallowed costs on closed claims in column (1) uses values available at April 30, 2018.
2. Gross face value on closed claims in column (2) uses values available at April 30, 2018.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 26

Ultimate Deductible Recoveries Based on Ratio of Deductible Recoveries to Gross Face Value Less Disallowed Costs
As of 06/30/2018

Notification Year	Ultimate Gross Face Value		Ultimate Disallowed Costs		Ultimate Gross Face Value Less Disallowed Costs		Ratio of Deductible Recoveries to Total Gross Face Value Less Disallowed Costs		Ultimate Deductible Recoveries (3) x (4)
	(1)	(2)	(3)	(4)	(5)	(6)			
1989	\$ 38,000	\$ 5,548	\$ 32,452	0.312	\$ 10,125				
1990	47,128,000	8,954,320	38,173,680	0.241	9,199,857				
1991	77,360,000	13,770,080	63,589,920	0.259	16,469,789				
1992	43,855,000	8,639,435	35,215,565	0.263	9,261,694				
1993	37,566,000	7,776,162	29,789,838	0.299	8,907,162				
1994	28,488,000	5,697,600	22,790,400	0.338	7,703,155				
1995	31,698,000	6,973,560	24,724,440	0.319	7,887,096				
1996	47,702,000	9,254,188	38,447,812	0.310	11,918,822				
1997	12,799,000	1,894,252	10,904,748	0.293	3,195,091				
1998	18,554,000	3,747,908	14,806,092	0.376	5,567,091				
1999	11,331,000	2,300,193	9,030,807	0.265	2,393,164				
2000	5,071,000	1,024,342	4,046,658	0.420	1,699,596				
2001	4,515,000	1,264,200	3,250,800	0.499	1,622,149				
2002	4,594,000	927,988	3,666,012	0.503	1,844,004				
2003	3,762,000	759,924	3,002,076	0.584	1,753,212				
2004	3,410,000	688,820	2,721,180	0.640	1,741,555				
2005	6,829,000	1,707,250	5,121,750	0.653	3,344,503				
2006	8,116,000	2,029,000	6,087,000	0.516	3,140,892				
2007	7,951,000	1,987,750	5,963,250	0.528	3,148,596				
2008	10,015,000	2,503,750	7,511,250	0.596	4,476,705				
2009	10,086,000	2,521,500	7,564,500	0.596	4,508,442				
2010	4,761,000	1,190,250	3,570,750	0.596	2,128,167				
2011	5,077,000	1,269,250	3,807,750	0.596	2,269,419				
2012	8,081,000	2,020,250	6,060,750	0.596	3,612,207				
2013	7,184,000	1,796,000	5,388,000	0.596	3,211,248				
2014	9,538,000	2,384,500	7,153,500	0.596	4,263,486				
2015	5,999,000	1,499,750	4,499,250	0.596	2,681,553				
2016	6,064,000	1,516,000	4,548,000	0.596	2,710,608				
2017	2,023,000	505,750	1,517,250	0.596	904,281				
Total	\$469,595,000	\$96,609,520	\$372,985,480		\$131,573,669				

Notes:

1. Column (1) is from Reported Exhibit 16, column (4).
2. Column (2) is from Reported Exhibit 24, column (3).
3. Selected ratio in column (4) is based on column (5) from Reported Exhibit 27 for notification years 1989 - 2007. For notification years 2008 - 2017, column (4) is based on column (5) from Reported Exhibit 27 using the rounded average of years 2000 - 2012.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 27

Ratio of Deductible Recoveries on Closed Claims to Cumulative Gross Face Value less Disallowed Costs on Closed Claims
As of 06/30/2018

Notification Year	Cumulative Deductible Recoveries on Closed Claims	Cumulative Gross Face Value on Closed Claims	Cumulative Disallowed Costs on Closed Claims	Cumulative Gross Face Value less Disallowed Costs on Closed Claims (2) - (3)	Ratio (1) / (4)
(1)	(2)	(3)	(4)	(5)	
1989	\$ 10,000	\$ 37,526	\$ 5,486	\$ 32,040	0.312
1990	7,974,626	40,918,309	7,764,174	33,154,135	0.241
1991	13,987,949	65,810,073	11,714,479	54,095,594	0.259
1992	8,085,615	38,337,146	7,569,327	30,767,819	0.263
1993	7,336,876	30,952,292	6,396,068	24,556,224	0.299
1994	6,475,694	23,984,587	4,798,259	19,186,328	0.338
1995	6,050,900	24,290,493	5,332,639	18,957,854	0.319
1996	9,802,454	39,253,470	7,604,286	31,649,184	0.310
1997	2,703,897	10,830,351	1,598,464	9,231,887	0.293
1998	3,477,103	11,740,663	2,496,072	9,244,591	0.376
1999	1,399,034	7,729,133	2,456,003	5,273,131	0.265
2000	1,089,432	3,521,712	928,319	2,593,393	0.420
2001	974,495	3,358,579	1,404,409	1,954,171	0.499
2002	1,356,671	3,116,923	419,521	2,697,401	0.503
2003	1,225,688	2,562,586	462,414	2,100,171	0.584
2004	1,170,062	2,180,932	353,629	1,827,302	0.640
2005	1,597,506	2,864,450	418,226	2,446,224	0.653
2006	1,885,224	4,944,728	1,292,421	3,652,307	0.516
2007	1,666,262	4,033,947	877,719	3,156,227	0.528
2008	1,694,424	3,514,923	1,017,470	2,497,453	0.678
2009	1,288,952	2,913,561	729,643	2,183,918	0.590
2010	641,643	1,335,916	293,858	1,042,058	0.616
2011	601,164	1,230,685	423,050	807,635	0.744
2012	654,210	1,204,923	373,471	831,452	0.787
2013	617,285	1,152,266	346,220	806,046	0.766
2014	581,030	985,020	251,246	733,774	0.792
2015	568,526	1,433,035	151,561	1,281,474	0.444
2016	112,276	112,276	-	112,276	1.000
2017	-	-	-	-	0.000
Total	\$85,028,998	\$334,350,505	\$67,478,434	\$ 266,872,069	0.319

Notes:

1. Deductible recoveries on closed claims in column (1) uses values available at April 30, 2018.
2. Gross face value on closed claims in column (2) uses values available at April 30, 2018.
3. Disallowed costs on closed claims in column (3) uses values available at April 30, 2018.

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Summary of Claim Counts
As of 06/30/2018

Notification Year	Closed Claims (1)	Open Claims (2)	Reported Claims (1) + (2) (3)	IBNR Claims (4)	Ultimate Claims (3) + (4) (5)
1989	1	0	1	0	1
1990	300	23	323	0	323
1991	589	34	623	0	623
1992	332	16	348	0	348
1993	335	17	352	0	352
1994	256	20	276	0	276
1995	258	16	274	0	274
1996	419	26	445	0	445
1997	151	7	158	0	158
1998	172	39	211	0	211
1999	86	18	104	0	104
2000	61	3	64	0	64
2001	32	2	34	0	34
2002	40	5	45	0	45
2003	47	6	53	0	53
2004	36	4	40	0	40
2005	48	12	60	0	60
2006	52	9	61	0	61
2007	55	14	69	0	69
2008	53	20	73	0	73
2009	52	25	77	0	77
2010	22	12	34	0	34
2011	32	14	46	0	46
2012	38	30	68	0	68
2013	28	21	49	0	49
2014	29	38	67	0	67
2015	23	19	42	0	42
2016	10	31	41	0	41
2017	0	17	17	0	17
Total	3,557	498	4,055	0	4,055

Note:

1. Column (5) equals column (3), as this analysis is limited to claims reported prior to June 30, 2018.
2. Closed claims in column (1) is estimated using values available at April 30, 2018.
3. Open claims for notification year 2017 in column (2) is estimated using values available at April 30, 2018.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Notification Year

Reported Exhibit 30

Cumulative Closed Claims
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348
1989	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1990	0	8	44	63	108	138	167	198	235	263	297	326	355	386	419	453	487	521	554	587	620	653	687	720	753	787	820	853	887
1991	3	51	142	205	247	280	313	346	379	412	445	478	511	544	577	610	643	676	709	742	775	808	841	874	907	940	973	1006	1039
1992	3	54	79	112	134	148	169	172	182	191	213	226	254	276	290	297	304	307	312	315	321	326	329	327	332	332	332	332	332
1993	4	44	68	94	109	128	154	173	187	205	224	248	264	285	294	299	304	309	314	318	327	331	331	334	335	335	335	335	335
1994	2	28	55	66	76	95	112	119	138	152	179	186	205	218	224	226	232	240	244	245	248	249	251	256	256	256	256	256	256
1995	9	83	111	138	163	183	199	226	253	280	300	313	330	348	358	368	380	396	400	410	415	419	419	419	419	419	419	419	419
1996	27	69	95	113	133	163	196	226	263	286	300	313	330	348	358	368	380	396	400	410	415	419	419	419	419	419	419	419	419
1997	1	17	32	42	49	61	76	90	98	108	112	116	121	126	131	135	137	139	145	151	151	151	151	151	151	151	151	151	151
1998	0	16	30	40	66	84	95	104	116	120	133	140	142	147	153	157	164	170	171	172	172	172	172	172	172	172	172	172	172
1999	1	7	17	24	43	56	62	67	69	72	72	72	72	73	77	79	82	82	86	86	86	86	86	86	86	86	86	86	86
2000	0	10	17	26	33	40	42	46	50	52	54	56	58	60	60	60	60	61	61	61	61	61	61	61	61	61	61	61	61
2001	0	7	10	14	17	21	24	26	29	29	28	28	28	28	28	28	31	32	32	32	32	32	32	32	32	32	32	32	32
2002	0	3	9	14	20	25	26	27	27	30	32	35	37	38	39	40	40	40	40	40	40	40	40	40	40	40	40	40	40
2003	0	4	14	21	24	29	34	39	44	46	46	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	47	47
2004	0	4	15	18	21	24	29	32	32	34	35	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
2005	0	5	15	17	20	24	35	40	44	44	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
2006	0	5	9	17	22	27	32	38	41	43	48	52																	
2007	0	8	15	21	27	37	42	45	48	53	55																		
2008	0	9	15	19	26	32	40	44	45	51																			
2009	0	5	25	27	41	45	50	52	52																				
2010	0	3	6	11	14	18	20	22																					
2011	4	12	19	23	26	28	32																						
2012	1	15	26	31	33	38																							
2013	0	9	17	23	28																								
2014	5	16	25	29																									
2015	0	10	23																										
2016	0	10																											
2017	0																												

Note: Closed claims are estimated using values available at April 30, 2017.

Cumulative Open Claims
As of 06/30/2018

Notification Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348	
1989	1	1																												
1990	323	315	279	240	215	185	176	165	150	145	136	128	117	107	86	80	69	62	57	48	40	32	24	16	10	5	3	1	0	0
1991	620	572	481	417	376	343	324	297	288	254	220	204	174	151	126	103	83	69	52	37	25	15	10	5	3	1	0	0	0	0
1992	1015	1045	854	715	615	535	475	425	385	345	305	275	245	215	185	155	135	115	95	75	55	40	25	15	10	5	3	1	0	0
1993	1348	1398	1084	915	784	675	595	525	465	415	365	325	285	245	215	185	155	135	115	95	75	55	40	25	15	10	5	3	1	0
1994	1714	1748	1321	1100	934	794	685	595	515	445	385	335	295	255	225	195	165	145	125	105	85	65	45	30	20	15	10	5	3	1
1995	2055	2411	1823	1505	1260	1074	924	804	694	594	504	434	374	324	284	244	214	184	164	144	124	104	84	64	44	24	14	9	5	3
1996	2416	2769	2092	1725	1440	1214	1034	894	774	664	564	484	414	354	304	264	224	194	174	154	134	114	94	74	54	34	24	16	10	5
1997	2797	3147	2369	1955	1620	1354	1144	974	834	714	604	514	434	364	314	274	234	204	184	164	144	124	104	84	64	44	24	16	10	5
1998	3198	3548	2670	2205	1820	1514	1264	1064	904	774	654	554	464	394	334	294	254	224	204	184	164	144	124	104	84	64	44	24	16	10
1999	3619	3969	2981	2465	2020	1674	1414	1184	1004	854	724	614	514	434	364	314	274	234	204	184	164	144	124	104	84	64	44	24	16	10
2000	4060	4410	3322	2755	2260	1874	1574	1314	1104	934	794	674	564	474	394	334	294	254	224	204	184	164	144	124	104	84	64	44	24	16
2001	4521	4871	3723	3105	2560	2134	1794	1494	1254	1054	894	754	634	534	444	364	314	274	234	204	184	164	144	124	104	84	64	44	24	16
2002	5002	5352	4135	3455	2840	2374	1994	1654	1384	1154	974	824	704	594	494	404	324	274	234	204	184	164	144	124	104	84	64	44	24	16
2003	5503	5853	4575	3835	3160	2654	2234	1854	1544	1274	1064	904	774	654	544	444	364	314	274	234	204	184	164	144	124	104	84	64	44	24
2004	6024	6374	5037	4235	3500	2944	2474	2034	1684	1384	1154	974	824	704	594	494	404	324	274	234	204	184	164	144	124	104	84	64	44	24
2005	6565	6915	5517	4655	3860	3244	2734	2254	1864	1534	1284	1074	914	784	664	554	454	364	314	274	234	204	184	164	144	124	104	84	64	44
2006	7126	7476	5997	5075	4220	3544	3004	2474	2054	1694	1424	1194	1014	874	744	624	514	414	324	274	234	204	184	164	144	124	104	84	64	44
2007	7707	8057	6507	5525	4600	3864	3284	2714	2254	1854	1554	1314	1114	964	824	694	574	464	364	314	274	234	204	184	164	144	124	104	84	64
2008	8308	8658	7037	6005	5020	4224	3594	3004	2494	2054	1714	1454	1214	1014	864	734	614	504	404	354	314	274	234	204	184	164	144	124	104	84
2009	8929	9279	7577	6485	5440	4584	3914	3284	2734	2254	1874	1574	1314	1114	964	824	694	574	464	364	314	274	234	204	184	164	144	124	104	84
2010	9570	9920	8137	7005	5900	5004	4274	3604	3034	2514	2074	1674	1394	1174	1004	854	724	604	504	404	354	314	274	234	204	184	164	144	124	104
2011	10231	10581	8697	7525	6360	5404	4614	3904	3284	2734	2254	1874	1574	1314	1114	964	824	694	574	464	364	314	274	234	204	184	164	144	124	104
2012	10912	11262	9237	8025	6800	5784	4934	4184	3524	2934	2414	1974	1574	1314	1114	964	824	694	574	464	364	314	274	234	204	184	164	144	124	104
2013	11613	11963	9937	8685	7400	6324	5414	4614	3904	3284	2734	2254	1874	1574	1314	1114	964	824	694	574	464	364	314	274	234	204	184	164	144	124
2014	12334	12684	10637	9345	8000	6944	5974	5124	4364	3684	3094	2534	2074	1674	1394	1174	1004	854	724	604	504	404	354	314	274	234	204	184	164	144
2015	13075	13425	11377	10045	8700	7584	6534	5684	4874	4154	3514	2914	2314	1874	1474	1214	1034	874	734	614	504	404	354	314	274	234	204	184	164	144
2016	13836	14186	12137	10765	9360	8284	7174	6274	5414	4644	4014	3374	2774	2234	1774	1414	1154	974	814	674	554	444	354	294	234	204	184	164	144	124
2017	14617	14967	12917	11505	10040	8964	7814	6864	5954	5124	4414	3734	3074	2474	1974	1514	1254	1074	914	774	654	544	444	354	294	234	204	184	164	144

Estimated Ultimate Average Loss

As of June 30, 2018

Release Year	Estimated Reported Claims 07/01/18 - 06/30/19	Undetermined Eligibility Applications as of 06/30/18	Estimated Approval Percentage	Estimated Additional Claims from Undetermined Eligibility Applications (2) x (3)	Selected Average Loss (5)	Total Ultimate Loss [(1) + (4)] x (5)
	(1)	(2)	(3)	(4)	(5)	(6)
ALL	24	30	68%	20	\$ 53,100	\$ 2,336,400

Notes:

1. Column (1) is from Unreported Exhibit 2, total column (11).
2. Selected average loss in column (5) is based on the volume weighted average of the severities for the 2014 through 2016 years using the Ultimate Loss amounts in Reported Exhibit 1.

Ohio Petroleum Underground Storage Tank Release Compensation Board
By Release Year

Unreported Exhibit 2

Ultimate Claims Based on Bornhuetter-Ferguson Using Exposures and Reported Claims
As of 6/30/2018

Release Year	Reported Claims as of 06/30/18	Cumulative Development Factors	Ratio to Ultimate 1 / (2)	Reported Claim Ultimate (1) x (2)	Exposures	Ratio of Indicated Claim Frequency (4) / (5)	Selected Claim Frequency (7)	B-F Reported Claim Ultimate	Selected Ultimate Claims	Total IBNR Claims (9) - (1)	Estimated Reported Claims 7/1/18 - 06/30/19
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1988	0	\$ 1.0000	\$ 1.0000	0	0	0.0000	0.0000	0	0	0	0
1989	344	1.0000	1.0000	344	50,364	0.0068	0.0068	344	344	0	0
1990	489	1.0000	1.0000	489	49,419	0.0099	0.0099	489	489	0	0
1991	543	1.0000	1.0000	543	45,654	0.0119	0.0119	543	543	0	0
1992	409	1.0000	1.0000	409	41,246	0.0099	0.0099	409	409	0	0
1993	288	1.0000	1.0000	288	38,289	0.0075	0.0075	288	288	0	0
1994	291	1.0000	1.0000	291	34,993	0.0083	0.0083	291	291	0	0
1995	205	1.0000	1.0000	205	32,637	0.0063	0.0063	205	205	0	0
1996	161	1.0000	1.0000	161	31,176	0.0052	0.0052	161	161	0	0
1997	192	1.0000	1.0000	192	29,922	0.0064	0.0064	192	192	0	0
1998	178	1.0000	1.0000	178	27,799	0.0064	0.0064	178	178	0	0
1999	65	1.0000	1.0000	65	24,909	0.0026	0.0026	65	65	0	0
2000	36	1.0000	1.0000	36	24,726	0.0015	0.0015	36	36	0	0
2001	40	1.0000	1.0000	40	24,409	0.0016	0.0016	40	40	0	0
2002	43	1.0000	1.0000	43	24,160	0.0018	0.0018	43	43	0	0
2003	57	1.0000	1.0000	57	23,883	0.0024	0.0024	57	57	0	0
2004	41	1.0000	1.0000	41	23,448	0.0017	0.0017	41	41	0	0
2005	67	1.0000	1.0000	67	23,341	0.0029	0.0029	67	67	0	0
2006	57	1.0000	1.0000	57	23,086	0.0025	0.0025	57	57	0	0
2007	72	1.0000	1.0000	72	22,764	0.0032	0.0032	72	72	0	0
2008	73	1.0000	1.0000	73	22,343	0.0033	0.0033	73	73	0	0
2009	59	1.0000	1.0000	59	22,023	0.0027	0.0027	59	59	0	0
2010	40	1.0000	1.0000	40	21,774	0.0018	0.0018	40	40	0	0
2011	56	1.0000	1.0000	56	21,460	0.0026	0.0026	56	56	0	0
2012	61	1.0000	1.0000	61	21,245	0.0029	0.0029	61	61	0	0
2013	61	1.0000	1.0000	61	21,021	0.0029	0.0029	61	61	0	0
2014	56	1.0000	1.0000	56	20,878	0.0027	0.0027	56	56	0	0
2015	33	1.0000	1.0000	33	20,772	0.0016	0.0016	33	33	0	0
2016	41	1.0000	1.0000	41	20,489	0.0020	0.0020	41	41	0	0
2017	10	2.3061	0.4336	23	20,435	0.0011	0.0021	34	41	24	24
Total	4,068			4,081				4,092			

Notes:

1. Cumulative development factors in column (2) are selected in Unreported Exhibit 4.
2. Column (8) is (column (7) x column (5)) x (1 - 1 / column (2)) + column (1).
3. Column (11) is (prior year column (3) - column (3)) / (1 - 1 / column (3)) x column (10) for release year 2016 only. Other release years are equal to 0 because of the Board's one-year reporting requirement.

Reported Claim Development
As of 6/30/2018

[illegible]

Cumulative Closed Claims
As of 6/30/2018

Release Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348	0
1885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1889	0	1	4	25	10	18	26	125	126	137	145	150	160	169	197	209	226	238	260	268	277	288	291	297	302	308	312	314	316	0
1890	0	7	52	111	162	201	225	245	263	278	290	310	326	332	375	389	405	413	423	434	439	443	445	451	454	460	461	462	0	0
1891	0	17	85	148	183	211	227	252	279	297	312	348	373	412	433	459	474	488	492	492	499	505	510	512	513	519	521	0	0	0
1892	0	12	45	73	98	118	135	157	177	194	216	237	269	291	312	321	332	340	352	360	360	374	377	381	385	387	0	0	0	0
1893	0	10	37	65	83	102	123	138	153	164	178	200	204	220	223	236	243	248	253	254	260	265	270	273	276	279	282	285	287	290
1894	0	13	39	67	111	144	165	183	198	213	230	251	269	286	303	319	335	349	363	376	388	399	410	421	432	443	454	465	476	487
1895	0	11	40	70	100	129	158	183	208	233	258	283	308	333	358	383	408	433	458	483	508	533	558	583	608	633	658	683	708	733
1896	0	13	24	41	60	83	69	82	97	115	120	121	120	121	124	127	128	134	137	137	142	147	150	152	154	156	158	160	162	164
1897	0	7	29	40	49	66	83	96	66	107	113	121	128	130	138	145	148	152	158	161	162	167	170	173	176	179	182	185	188	191
1898	0	4	10	28	50	75	90	103	114	121	126	129	131	132	134	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
1899	0	1	14	19	26	35	43	50	57	64	71	78	85	92	99	106	113	120	127	134	141	148	155	162	169	176	183	190	197	204
1900	0	1	14	19	26	35	43	50	57	64	71	78	85	92	99	106	113	120	127	134	141	148	155	162	169	176	183	190	197	204
2001	0	0	2	8	14	21	16	20	24	27	27	27	28	28	28	28	29	30	31	31	31	31	31	31	31	31	31	31	31	31
2002	0	1	6	10	14	22	22	26	27	29	29	33	35	35	36	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
2003	0	1	5	21	26	28	33	40	45	45	47	48	49	49	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
2004	0	1	7	12	15	17	20	23	26	28	30	32	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51
2005	0	1	10	16	21	25	30	35	40	46	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
2006	0	1	4	10	14	21	26	30	36	39	41	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
2007	0	7	13	19	25	34	41	44	47	53	56	59	62	65	68	71	74	77	80	83	86	89	92	95	98	101	104	107	110	113
2008	0	3	7	17	23	31	41	44	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
2009	0	4	17	21	30	39	42	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
2010	0	4	10	16	22	28	33	37	40	43	45	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
2011	0	4	15	23	28	30	34	37	40	43	45	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
2012	0	7	19	24	28	33	37	40	43	45	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
2013	0	6	19	20	28	33	37	40	43	45	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
2014	0	0	3	17	27	33	37	40	43	45	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
2015	0	0	8	17	27	33	37	40	43	45	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
2016	0	0	0	17	27	33	37	40	43	45	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
2017	0	0	0	17	27	33	37	40	43	45	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67

Cumulative Open Claims
As of 6/30/2018

Release Year	12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300	312	324	336	348	360
1988	0	1	151	0	0	312	295	263	246	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	1	161	0	0	312	295	263	246	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1990	103	426	385	254	239	385	359	319	291	264	240	231	195	170	131	110	84	69	55	51	44	38	33	31	30	24	22	20	28	27
1991	102	426	385	254	239	385	359	319	291	264	240	231	195	170	131	110	84	69	55	51	44	38	33	31	30	24	22	20	28	27
1992	0	311	306	298	309	290	274	252	232	215	193	172	140	118	97	88	77	69	57	49	43	35	32	28	24	22	20	28	27	
1993	77	211	212	223	205	195	165	149	135	124	110	88	64	68	62	52	45	40	35	29	24	22	21	19	18	16	14	12	10	
1994	1	205	251	234	220	197	188	176	157	139	120	108	96	76	69	60	52	45	39	33	28	24	22	21	19	18	16	14	12	
1995	64	191	174	161	154	138	125	114	102	85	73	65	55	45	38	32	27	24	20	17	15	13	11	10	9	8	7	6	5	
1996	103	426	385	254	239	385	359	319	291	264	240	231	195	170	131	110	84	69	55	51	44	38	33	31	30	24	22	20	28	27
1997	73	185	163	153	143	126	109	97	94	85	79	71	64	52	44	37	33	27	24	20	17	15	13	11	10	9	8	7	6	
1998	89	170	162	150	128	103	88	75	64	57	52	49	47	40	34	31	27	24	20	17	15	13	11	10	9	8	7	6	5	
1999	19	64	51	46	38	28	25	22	19	17	15	13	11	9	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	
2000	14	36	34	27	26	19	16	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2001	17	42	37	33	29	21	17	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2002	17	42	37	33	29	21	17	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2003	27	56	52	35	31	29	24	17	12	12	10	9	8	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	
2004	10	40	34	29	28	27	24	15	13	11	10	8	8	8	7	6	5	4	3	2	1	0	0	0	0	0	0	0	0	
2005	29	66	57	52	42	36	31	27	21	18	16	14	13	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	0	
2006	35	69	66	56	50	42	32	29	23	23	19	16	14	13	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	
2007	36	65	59	53	47	38	31	28	25	19	16	14	13	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	0	
2008	35	69	66	56	50	42	32	29	23	23	19	16	14	13	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	
2009	41	55	42	38	29	25	20	17	16	16	14	13	11	10	9	8	7	6	5	4	3	2	1	0	0	0	0	0	0	
2010	15	36	34	27	26	19	16	15	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2011	21	52	41	33	29	22	22	18	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2012	21	53	44	37	33	28	22	18	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2013	21	55	42	35	33	28	22	18	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2014	27	53	39	29	29	25	20	17	16	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2015	33	63	53	43	37	30	25	20	17	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2016	33	63	53	43	37	30	25	20	17	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
2017	33	63	53	43	37	30	25	20	17	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	

**PROGRAM YEAR 2018 COMPLIANCE / FEE ASSESSMENT REPORT
AS OF FEBRUARY 28, 2019**

	PY 2018 As of 2/28/19	PY 2018 (7/1/18 - 12/31/18)	Increase from Jan. Meeting	PY 2017 (7/1/17 - 6/30/18)	PY 2016 (7/1/16 - 6/30/17)	PY 2015 (7/1/15 - 6/30/16)	PY 2014 (7/1/14 - 6/30/15)	Percent of PY 2018/PY 2017
Refunds								
Amount of Refunds Paid	\$65,710 ^(a)	\$50,402	\$15,308	\$31,368	\$29,801	\$98,740 ^(a)	\$158,794	209%
Number of Refunds Paid	107	70	37	56	116	311	419	191%
Number of Owners Paid Refunds	67	44	23	31	19	89	156	216%
Number of Pending Refunds	2,662	2,631	31					
Amount of Pending Refunds	\$1,400,456	\$1,413,146	(\$12,690)					
Collections								
Amount of Refunds Used to Offset Outstanding Fees	\$27,260	\$21,060	\$6,200	\$14,745	\$44,204	\$76,750	\$61,355	185%
Amount Collected by Attorney General/Special Counsel	\$158,302	\$149,217	\$9,085	\$156,904	\$299,807	\$364,401	\$200,352	101%
Collection Costs	\$23,933	\$20,642	\$3,291	\$33,970	\$59,320	\$89,643	\$38,727	
Amount Collected by AG/SC, Less Collection Costs	\$134,369	\$128,575 ^(b)	\$5,794	\$122,934	\$240,487	\$274,758	\$161,625	
Number of Accounts Certified to the AG's office	23	0	23	205	249	321	340	11%
Number of Owners Certified to the AG's office	16	0	16	146	172	174	196	11%
Amount Certified to the AG's office	\$64,220	\$0	\$64,220	\$664,750	\$812,335	\$1,124,050	\$1,086,440	10%
Appeals								
Orders Pursuant to Law	7	5		7 - information to support appeal is expected				
Determination to Deny a Certificate of Coverage	1	1		1 - hearing held on 8/3/17				
Ability to Pay Applications								
Ability to Pay Applications Pending Review	3	3						
COC Applications (As of 3/5/19)								
COC Application/Fee Statements Sent - annual mailing	3,276			3,327	3,439	3,439	3,538	98%
# of Owners Issued COC	2,925	2,827		3,097	3,132	3,150	3,211	91%
# of Owners w/COCs In-Process	115	209		25	28	n/a	n/a	
# of Owners w/Unresolved Pending Denials of COC	43	55		3	4	0	0	
# of Owners w/Unresolved Determinations Denying COC	34	0		132	122	121	116	
Unclaimed Monies/Refunds Pending								
Owners on Unclaimed Monies List (Uncashed Checks)	44	42						
Amount of Unclaimed Monies (Uncashed Checks)	\$47,135	\$45,923						
Owners with Refunds Pending - More Info Requested	13	9						
Amount of Refunds Pending with More Info Requested	\$28,860	\$13,135						
Owners with Refunds Pending – No Response to MIR	33	35						
Amount with Refunds Pending – No Response to MIR	\$64,120	\$66,780						

(a) PY 2018 goal - \$225,000. PY 2018 refund/offsets as of 2/28/19: \$92,970 (41%). PY 2017 refunds/offsets: \$46,113. PY 2016 refund/offsets: \$74,005. PY 2015 refund/offsets: \$175,490. PY 2014 refund/offsets: \$220,149.

(b) As of October 31, 2018

CLAIMS STATISTICS REPORT
March 1, 2019

Total Number of all Releases	3,160	
Face Value of all Claims		\$488,611,788
Total Deductible Used for Settled Claims		(\$104,653,047)
Deductible Remaining for Open Claims		(\$6,337,807)
Net Value		\$377,620,933
Total Disallowed Costs		(\$88,392,139)
Total Payments & Installments		(\$257,986,898)
Maximum Liability of Unpaid Claims		\$31,241,896

Average Clean-up Costs for All Releases Received NFA:		
Total Average Gross Value per Release		\$133,056
Total Average Net Value per Release		\$99,343
Total Average Payout per Release (2,551 releases)		\$72,542
Costs for Releases Cleaned Up Exclusively Under BUSTR's Risk Based Corrective Action (RBCA) Rules:		
<u>Above and Below the Deductible (582 releases):</u>		
Average clean-up costs per release:		\$80,247
Average claim payout per release:		\$28,687
<u>Above the Deductible (308 releases):</u>		
Average clean-up costs per release:		\$126,740
Average claim payout per release:		\$54,208

<u>Work in Progress: Open Claims</u>		
Number of Claims with More Information Requested	6	
Number of Claims with More Information Received	14	
Number of Pending Above Deductible Claims	1,540	
Total		1,560
<u>Settled/Closed Claims</u>		
Number of Settled Claims	5,372	
Number of Closed Claims	11,387	
Below Deductible/NFA closed without review/Elig. Revoked	900	
Number of Claims on Waiting List	46	
Total		17,705
<u>Held Claims</u>		
Number of Claims with Appeals Outstanding	13	
Number of Claims Below the Deductible	187	
Total		200
Total Number of Claims		19,465

CLAIM SETTLEMENT SUMMARY

	<u>CLAIMS REC'D</u>	<u>SETTLED</u>	<u>RVK/BD-NFA†</u>	<u>FACE VALUE</u>	<u>DISALLOWED</u>	<u>DEDUCTIBLE USED</u>	<u>SETTLEMENT</u>
2010	808 (\$11.406 M)	705	52	\$12,639,804	\$3,001,516	\$2,583,509	\$ 7,054,779
AVG/MONTH	67 (\$0.951 M)	63			AVERAGE PAYOUT PER CLAIM		\$ 10,007
PERCENTAGES					23.7%		70.2%
2011	795 (\$10.545 M)	725	94	\$13,320,431	\$2,753,772	\$3,537,439	\$ 7,029,220
AVG/MONTH	66 (\$0.878 M)	68			AVERAGE PAYOUT PER CLAIM		\$ 9,695
PERCENTAGES					20.7%		71.9%
2012	732 (\$10.130 M)	697	53	\$11,779,357	\$2,405,669	\$2,374,716	\$ 6,740,405
AVG/MONTH	61 (\$0.844M)	63			AVERAGE PAYOUT PER CLAIM		\$ 9,671
PERCENTAGES					20.4%		71.7%
2013	932 (\$12.134 M)	891	55	\$12,513,139	\$2,334,057	\$2,874,260	\$ 7,304,822
AVG/MONTH	78 (\$1.011 M)	79			AVERAGE PAYOUT PER CLAIM		\$ 8,198
PERCENTAGES					18.7%		75.8%
2014	768 (\$10.541 M)	898	58	\$13,546,097	\$2,466,260	\$3,040,313	\$ 8,039,525
AVG/MONTH	64 (\$0.878 M)	80			AVERAGE PAYOUT PER CLAIM		\$ 8,953
PERCENTAGES					18.2%		76.5%
2015	790 (\$11.089 M)	792	67	\$12,587,087	\$2,517,791	\$2,451,880	\$ 7,617,416
AVG/MONTH	66 (\$0.924 M)	72			AVERAGE PAYOUT PER CLAIM		\$ 9,618
PERCENTAGES					20.0%		75.2%
2016	678 (\$ 9.953 M)	704	21	\$11,298,907	\$2,247,136	\$2,172,626	\$ 6,879,146
AVG/MONTH	57 (\$0.829 M)	60			AVERAGE PAYOUT PER CLAIM		\$ 9,772
PERCENTAGES					19.9%		75.4%
2017	592 (\$10.062 M)	627	68	\$12,059,956	\$1,779,002	\$2,076,544	\$8,204,410
AVG/MONTH	49 (\$0.839 M)	58			AVERAGE PAYOUT PER CLAIM		\$13,085
PERCENTAGES					14.8%		82.2%

PROGRAM YEAR 2018

<u>MONTH</u>	<u>CLAIMS REC'D</u>	<u>SETTLED</u>	<u>RVK/BD-NFA†</u>	<u>FACE VALUE</u>	<u>DISALLOWED</u>	<u>DEDUCTIBLE USED</u>	<u>SETTLEMENT</u>
Jul-18	54 (\$1.161 M)	30	0	\$416,482	\$59,352	\$129,536	\$227,594
Aug-18	67 (\$0.974 M)	33	0	\$566,467	\$63,202	\$39,632	\$463,633
Sep-18	33 (\$0.464 M)	40	3	\$579,842	\$59,097	\$138,365	\$382,380
Oct-18	35 (\$1.018 M)	43	0	\$628,820	\$131,045	\$26,154	\$471,621
Nov-18	30 (\$0.477 M)	28	0	\$476,621	\$28,978	\$21,482	\$426,160
Dec-18	40 (\$0.827 M)	39	4	\$657,259	\$108,093	\$151,139	\$398,027
Jan-19	54 (\$1.095 M)	26	0	\$592,834	\$145,038	\$88,547	\$359,248
Feb-19	58 (\$0.804 M)	23	0	\$310,059	\$47,327	\$15,247	\$247,485
Mar-19							
Apr-19							
May-19							
Jun-19							
TOTAL	371 (\$6.820 M)	262	7	\$4,228,384	\$642,133	\$610,101	\$2,976,150
AVG/MONTH	46 (\$0.853 M)	34					\$11,359
AVERAGE PAYOUT PER CLAIM							\$11,359
PERCENTAGES					15.2%		82.3%

†Eligibility revoked and/or Below Deductible claims with an NFA are not included in the claims payout statistics.

ELIGIBILITY STATISTICS REPORT

March 1, 2019

Breakdown of Applications

More Info Requested	7	
In Review	42	
Total Open Applications	49	
Eligibility Determinations Under Appeal	4	

	REC'D	APP'D	DENIED
PY 2004	72	81	47
Average/mo.	6	11	
PY 2005	97	72	33
Average/mo.	8	9	
PY 2006	109	73	32
Average/mo.	9	9	
PY 2007	108	74	28
Average/mo.	9	9	
PY 2008	99	68	26
Average/mo.	8	8	
PY 2009	95	84	19
Average/mo.	8	9	
PY 2010	48	51	16
Average/mo.	4	6	
PY 2011	67	47	14
Average/mo.	6	5	
PY 2012	87	54	17
Average/mo.	7	6	
PY 2013	53	65	7
Average/mo.	4	6	
PY 2014	80	64	15
Average/mo.	7	7	
PY 2015	77	43	26
Average/mo.	6	6	
PY 2016	76	42	27
Average/mo.	6	6	
PY 2017	78	42	40
Average/mo.	7	7	

Denial Reasons PY 2004-2017		%
No Release	99	28.5%
Late Filing	59	17.0%
No Valid COC	39	11.2%
Abandoned/OOC Tank	33	9.5%
No CA Required	65	18.7%
Pre-Fund Release	7	2.0%
Incomplete App	12	3.5%
Untimely Fees	3	0.9%
No Fee Payment	1	0.3%
No Response	3	0.9%
Other	26	7.5%
Total	347	100.0%

Program Year 2018

	REC'D	APP'D	DENIED
Jul-18	3	2	1
Aug-18	7	5	1
Sep-18	1	1	0
Oct-18	3	9	2
Nov-18	7	0	0
Dec-18	20	4	0
Jan-19	8	0	2
Feb-19	7	3	4
Mar-19			
Apr-19			
May-19			
Jun-19			
PY 2018	56	24	10
Average/mo.	7	4	

Denial Reasons PY 2018		%
No Release	0	0.0%
Late Filing	0	0.0%
No Valid COC	0	0.0%
Abandoned/OOC	1	10.0%
No CA Required	9	90.0%
Pre-Fund Release	0	0.0%
Incomplete App	0	0.0%
Untimely Fees	0	0.0%
No Fee Payment	0	0.0%
No Response	0	0.0%
Other	0	0.0%
Total	10	100.0%

COST PRE-APPROVAL STATISTICS REPORT

March 1, 2019

Mandatory Cost Pre-Approvals

Number Annual RAPs in Review	13
Number Annual FPR in Review	6
All Other Mandatory Open Cost Pre-Approvals:	21
Total Open Mandatory Cost Pre-Approvals	40

Voluntary Pre-Approvals

Number in Review	5
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Notification of Cost Exceedance

Number in Review	5
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	New RAPs		Annual RAP Cost Pre-Approvals		Annual FPR Cost Pre-Approvals		Mandatory IRA		Tier 3		Monitoring / Calibration Plan		Notification of Cost Exceedance		Voluntary		TOTALS	
	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D
PY 2010	22	22	21	24	52	66	8	9	23	28	34	38	Previously included in Annual RAP Cost Pre-Approval column		31	30	191	217
PY 2011	36	30	18	17	56	55	5	2	22	17	45	43			41	46	223	210
PY 2012	26	39	18	18	57	68	7	10	13	23	30	41			35	35	186	234
PY 2013	30	29	36	38	51	54	5	4	14	16	20	21			18	22	174	184
PY 2014	32	35	31	33	30	33	6	5	13	9	22	20			21	20	155	155
PY 2015	23	31	21	19	38	37	8	9	10	13	22	18	23	26	17	16	162	169
PY 2016	18	17	21	21	22	28	2	2	11	10	21	27	14	16	21	22	130	143
PY 2017	25	15	30	36	16	20	4	4	6	8	18	20	6	6	24	23	129	132

PY 2018	New RAPs		Annual RAP Cost Pre-Approvals		Annual FPR Cost Pre-Approvals		Mandatory IRA		Tier 3		Monitoring / Calibration Plan		Notification of Cost Exceedance		Voluntary		TOTALS	
	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D	REC'D	DET'D
Jul-18	2	6	2	0	0	1	0	0	0	0	2	0	0	0	1	4	7	11
Aug-18	0	4	6	5	0	0	0	0	0	0	0	2	2	0	3	1	11	12
Sep-18	2	0	2	2	1	0	1	0	1	1	1	1	3	0	2	0	13	4
Oct-18	2	2	5	4	0	0	0	0	0	0	1	1	2	2	1	2	11	11
Nov-18	5	0	0	4	5	1	0	2	0	1	4	1	2	2	1	3	17	14
Dec-18	0	2	3	0	1	2	1	0	0	0	1	3	1	2	1	1	8	10
Jan-19	2	0	2	4	3	1	0	0	0	0	2	2	1	1	0	0	10	8
Feb-19	1	0	9	3	1	2	0	0	0	0	2	1	3	2	3	0	19	8
Mar-19																		
Apr-19																		
May-19																		
Jun-19																		
TOTALS	14	14	29	22	11	7	2	2	1	2	13	11	14	9	12	11	96	78
Avg/Mo																	12	10

Petroleum UST Release Compensation Board
Facility Certificate Listing

Program Year 2016

COC Eff Date: Yes COC Print Date: Yes

Printed from 01/09/19 to 03/05/19

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
1096-0003	5	Sanitary Engineering Depart	1802 Spaulding Drive Eastern Re, Dayton C	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0004	2	Sanitary Engineering Depart	4111 Hydraulic Road, Dayton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0005	1	Sanitary Engineering Depart	4257 Dryden Road, Dayton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0007	6	Solid Waste Management Sout	2712 Springboro Pike, Dayton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0009	5	County Engineers Office	5625 Little Richmond Road, Dayton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0012	1	Montgomery Co. Stillwater Medical Cent	8100 N. Main Street, Dayton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0019	1	Fairview General Hospital	18101 Lorain Avenue, Cleveland OH	01/06/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0028	1	Cleveland Clinic Avon Tower	33300 Cleveland Clinic Blvd, Avon OH	01/06/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0030	1	Cleveland Clinic Foundation	10465 Carnegie Avenue, Cleveland OH	01/06/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0001	3	Prime #1	4142 Rocky River Drive, Cleveland OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0003	3	Prime #3	4915 Memphis Avenue, Cleveland OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0004	4	Prime #4	5321 Lee Road, Maple Heights OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0005	2	Prime #5	4611 W. 130th Street, Cleveland OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0006	2	Prime #6	5110 Clark Avenue, Cleveland OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0008	5	Prime #8	3580 Ridge Road, Cleveland OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0009	4	Prime #9	4295 Tiedman Road, Brooklyn OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0010	3	Prime #10	14196 Granger Road, Maple Heights OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0011	2	Prime #11	7411 State Road, Parma OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0012	3	Prime #12	404 East Avenue, Elyria OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0013	2	Prime #13	2436 Broadway Avenue, Lorain OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0015	2	Prime #16	465 E. Glenwood Avenue, Akron OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0016	3	Prime #17	804 Wales Road NE, Massillon OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22240-0001	2	Waleed Tayeh Property	237 Lake Avenue, Elyria OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0001	3	Omesh Properties LLC	2511 Grand Boulevard, Hamilton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0004	4	Keowee Fuel Brookville	450 Wolf Creek St, Brookville OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0005	4	Keowee Fuel Trotwood	2898 S Olive Rd, Trotwood OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0006	4	Keowee Fuel North Main	8329 N Main St, Dayton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0007	4	Keowee Fuel Needmore	3420 Needmore Road, Dayton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0008	4	Keowee Fuel North Dixie	5435 North Dixie Drive, Dayton OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22834-0001	4	Liongate LLC	7752 Brecksville Road, Independence OH	07/01/2016	02/19/2019	Not Required: Post 11-30-09 Pay	N/A

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
<hr/>							
Total Owners	6						
Total Facilities	30						
Total USTs	90						
Total Determinations	27						

Petroleum UST Release Compensation Board

Facility Certificate Listing

Program Year 2016

COC Eff Date: No COC Print Date: No

Denial Status: DETERMINATION

Date of Determination from 01/09/19 to 3/12/19

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
23936-0001	3	Sharqeya LLC	1133 N. Summit Street, Toledo OH			N/A	Determination

Total Owners 1

Total Facilities 1

Total USTs 3

Total Determinations 1

**Petroleum UST Release Compensation Board
Facility Certificate Listing**

Program Year 2017

COC Eff Date: Yes COC Print Date: Yes

Printed from 01/09/19 to 03/05/19

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
1096-0003	5	Sanitary Engineering Depart	1802 Spaulding Drive Eastern Re, Dayton C	07/01/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0004	2	Sanitary Engineering Depart	4111 Hydraulic Road, Dayton OH	07/01/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0005	1	Sanitary Engineering Depart	4257 Dryden Road, Dayton OH	07/01/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0007	6	Solid Waste Management Sout	2712 Springboro Pike, Dayton OH	07/01/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0009	5	County Engineers Office	5625 Little Richmond Road, Dayton OH	07/01/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0012	1	Montgomery Co. Stillwater Medical Cent	8100 N. Main Street, Dayton OH	07/01/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
6105-0001	2	Kettering Medical Center	3535 Southern Boulevard, Kettering OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
6105-0002	1	Sycamore Medical Hospital	4000 Miamisburg-Centerville Road, Miami	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
6105-0005	1	Grandview Medical Center	405 W. Grand Avenue, Dayton OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
6105-0006	1	Greene Oaks Healthcare Facility	164 Office Park Drive, Xenia OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0001	5	Wellington Mickey Mart	508 SR 58 South, Wellington OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0002	3	Bellevue Mickey Mart	1365 East Main Street, Bellevue OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0003	4	Bellville Mickey Mart	750 St Rt 97 West, Bellville OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0004	5	Plymouth Mickey Mart	189 Plymouth Shelby Rd, Plymouth OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0005	5	Norwalk Mickey Mart	331 Milan Ave, Norwalk OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0006	4	Shelby Mickey Mart #17	116 West Main Street, Shelby OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0008	2	Wakeman Mickey Mart #14	52 West Main Street, Wakeman OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0009	4	Birmingham Mickey Mart	14824 SR 113, Birmingham OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0011	6	New London Mickey Mart	72 North Main Street, New London OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0013	4	Loudonville Mickey Mart	327 W. Main Street, Loudonville OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0014	4	Oberlin Mickey Mart	155 S Main St, Oberlin OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0015	4	Fremont Mickey Mart	1201 E State St, Fremont OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0016	3	Mickey Mart #32	61 Mill Road, Bellville OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0017	3	Mickey Mart #31	6020 East Harbor Road, Marblehead OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0018	3	Sandusky Mickey Mart	3608 Venice Rd, Sandusky OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0021	3	Mickey Mart #44	2801 Milan, Sandusky OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0023	4	Mickey Mart #36	2228 Hayes, Sandusky OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0024	3	Mickey Mart #39	3704 Columbus Avenue, Sandusky OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0027	3	Mickey Mart #38	102 Main Street, Castalia OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0028	3	Mickey Mart #51	4690 Liberty, Vermilion OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0029	3	Mickey Mart #53	1804 West SR 18, Tiffin OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0031	4	Mickey Mart #35	501 Main Street, Huron OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0032	3	Mickey Mart #49	411 West Washington, Sandusky OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0034	4	New Washington Mickey Mart #45	125 S. Kibler Street, New Washington OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
11308-0035	3	Mickey Mart #54	187 E Herrick, Wellington OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0036	3	Coles Energy Inc.	302 W. Jefferson Street, Republic OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0038	4	Vermilion Mickey Mart #52	1718 State Route 60, Vermilion OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
11308-0039	4	Mickey Mart #57	7532 State Route 250, Strasburg OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21170-0001	1	FairPoint Communications Inc.	36 N. Plum Street, Germantown OH	07/01/2017	02/04/2019	PD Response Accepted	Accepted
21184-0001	2	University Food	590 5th Avenue, Youngstown OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21184-0003	2	Coitsville Sunoco	151 Struthers Liberty Road, Campbell OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21184-0005	5	Cortland Sunoco	106 N. Mecca Street, Cortland OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21184-0006	4	Westville Marathon	18 Westville Lake Road, Beloit OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21184-0007	3	Fuel Mart	5301 76th Drive, Youngstown OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21184-0008	2	CJR Petroleum, Inc.	3200 Market Street, Youngstown OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21184-0009	5	CJR Petroleum, Inc.	407 W. Main Street, Canfield OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21184-0010	3	CJR Petroleum, Inc.	150 N. Pricetown Road, Diamond OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21184-0011	3	CJR Petroleum, Inc.	307 S. State Street, Girard OH	07/03/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0001	3	Prime #1	4142 Rocky River Drive, Cleveland OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0003	3	Prime #3	4915 Memphis Avenue, Cleveland OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0004	4	Prime #4	5321 Lee Road, Maple Heights OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0005	2	Prime #5	4611 W. 130th Street, Cleveland OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0006	2	Prime #6	5110 Clark Avenue, Cleveland OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0008	5	Prime #8	3580 Ridge Road, Cleveland OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0009	4	Prime #9	4295 Tiedman Road, Brooklyn OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0010	3	Prime #10	14196 Granger Road, Maple Heights OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0011	2	Prime #11	7411 State Road, Parma OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0012	3	Prime #12	404 East Avenue, Elyria OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0013	2	Prime #13	2436 Broadway Avenue, Lorain OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21313-0015	2	Prime #16	465 E. Glenwood Avenue, Akron OH	07/03/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0001	3	PAP Oil Company, LLC	602 Lincoln Avenue, Lancaster OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0002	3	PAP Oil Company	1326 Oakland Park Avenue, Columbus OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0004	2	PAP Oil Company, LLC	12500 State Route 235 N., Lakeview OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0006	2	PAP Oil Company, LLC	3494 State Route 741, Lebanon OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0008	4	PAP Oil Company, LLC	7077 Harrison Avenue, Cincinnati OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0009	3	PAP Oil Company, LLC	750 Lexington Avenue, Mansfield OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0010	5	PAP Oil Company, LLC	104 E. Main Street, St. Paris OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0011	3	PAP Oil Company, LLC	296 Home Avenue, Xenia OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21616-0013	2	PAP Oil Company, LLC	1090 Millville Avenue, Hamilton OH	07/03/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21650-0001	4	OUMALAWIS, LLC	1535 Alum Creek Drive, Columbus OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21650-0002	2	OUMALAWIS, LLC	3518 Broadway, Grove City OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21650-0003	3	OUMALAWIS, LLC	3911 Sullivant Avenue, Columbus OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21650-0004	3	OUMALAWIS, LLC	3980 N. Pearl Road, Medina OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
21650-0005	3	OUMALAWIS, LLC	4755 Refugee Road, Columbus OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
22240-0001	2	Waleed Tayeh Property	237 Lake Avenue, Elyria OH	07/01/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0001	3	Omesh Properties LLC	2511 Grand Boulevard, Hamilton OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0004	4	Keowee Fuel Brookville	450 Wolf Creek St, Brookville OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
22282-0005	4	Keowee Fuel Trotwood	2898 S Olive Rd, Trotwood OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0006	4	Keowee Fuel North Main	8329 N Main St, Dayton OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0007	4	Keowee Fuel Needmore	3420 Needmore Road, Dayton OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
22282-0008	4	Keowee Fuel North Dixie	5435 North Dixie Drive, Dayton OH	07/01/2017	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
22691-0001	8	Chuck's Automotive Repair, LLC	3084 Massillon Road, Akron OH	03/05/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
22834-0001	4	Liongate LLC	7752 Brecksville Road, Independence OH	07/24/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23300-0001	2	Buford Store	2510 State Route 134, Buford OH	07/01/2017	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
24106-0001	1	Smokey Road Realty, LLC	19550 Smokey Road, Marysville OH	03/19/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
24307-0001	3	Sunoco Hop-In	24200 Lakeshore Boulevard, Euclid OH	07/01/2017	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24384-0001	3	Speedy Gas 5	3017 Brookpark Road, Parma OH	07/01/2017	01/22/2019	Not Required: Post 11-30-09 Pay	N/A

Total Owners **16**

Total Facilities **87**

Total USTs **281**

Total Determinations **81**

Petroleum UST Release Compensation Board

Facility Certificate Listing

Program Year 2017

COC Eff Date: No COC Print Date: No

Denial Status: DETERMINATION

Date of Determination from 01/10/19 to 3/12/19

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
11308-0019	3	Coles Energy #07345	254 E Market & Circular, Tiffin OH			N/A	Determination
21616-0003	4	PAP Oil Company, LLC	6901 Franklin Lebanon Road, Franklin OH			N/A	Determination
21616-0013	1	PAP Oil Company, LLC	1090 Millville Avenue, Hamilton OH			N/A	Determination
21616-0014	2	PAP Oil Company, LLC	1024 E. Home Road, Springfield OH			N/A	Determination
21616-0015	2	PAP Oil Company, LLC	1020 Kauffman Avenue, Fairborn OH			N/A	Determination
22664-0001	2	Belmont Gas & Food Mart	911 Belmont Avenue, Youngstown OH			N/A	Determination
22664-0002	2	Ohio Gas & Food Mart	2637 Glenwood Ave, Youngstown OH			N/A	Determination
22664-0003	2	Kaur Property	2505 Market Street, Youngstown OH			N/A	Determination
23936-0001	3	Sharqeya LLC	1133 N. Summit Street, Toledo OH			N/A	Determination

Total Owners 4

Total Facilities 9

Total USTs 21

Total Determinations 9

**Petroleum UST Release Compensation Board
Facility Certificate Listing**

Program Year 2018

COC Eff Date: Yes COC Print Date: Yes

Printed from 01/09/19 to 03/05/19

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
1096-0003	5	Sanitary Engineering Depart	1802 Spaulding Drive Eastern Re, Dayton C	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0004	2	Sanitary Engineering Depart	4111 Hydraulic Road, Dayton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0005	1	Sanitary Engineering Depart	4257 Dryden Road, Dayton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0007	3	Solid Waste Management Sout	2712 Springboro Pike, Dayton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0009	5	County Engineers Office	5625 Little Richmond Road, Dayton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
1096-0012	1	Montgomery Co. Stillwater Medical Cent	8100 N. Main Street, Dayton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0003	2	Fire Station 4	3940 Hill Avenue, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0004	2	Fire Station 9	920 South Ave, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0005	2	Fire Station 13	1899 Front St, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0006	2	Fire Station 18	5221 Lewis Ave, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0011	2	Muni Service Station	Spielbush Southern, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0023	2	Streets Bridges and Harbor	301 Byrne Rd, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0025	4	Streets Bridges and Harbor	1189 W Central, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0027	2	Sewer Maintenance	3930 Creekside, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0028	2	Water Distribution	401 S Erie, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0032	1	Windermere Lift Station	Windermere Boulevard, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0044	1	New Fire Station 24	5023 Summitt Street, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2146-0046	2	Glass City Municipal Marina	1701 Front Street, Toledo OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
2664-0003	6	Cuyahoga Landmark Inc	12966 Prospect Road, Strongsville OH	01/18/2019	02/04/2019	PD Response Accepted	Accepted
2664-0006	6	Cuyahoga Landmark Inc	21079 Westwood Dr, Strongsville OH	01/18/2019	02/04/2019	PD Response Accepted	Accepted
2759-0001	1	The Swedish Solution	27999 Miles Road, Orange Village OH	07/02/2018	02/19/2019	PD Response Accepted	Accepted
2759-0002	1	The Swedish Solution	1815 S. Taylor Road, Cleveland Heights O	07/02/2018	02/19/2019	PD Response Accepted	Accepted
3269-0051	4	B&C Carryout	7841 St Rt 93, Shawnee OH	01/14/2019	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
3575-0243	4	Route 42 Duchess	3761 US Rt 42 South, Delaware OH	02/15/2019	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
3902-0002	2	Ford Ohio Assembly Plant	650 Miller Road, Avon Lake OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
3902-0003	1	Ford Walton Hills Stamping	7845 Northfield Road, Walton Hills OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
3902-0004	3	Ford Lima Engine Plant	1155 Bible Road, Lima OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
4154-0002	1	Earl K. Estep	899 Reed Road, Mansfield OH	07/01/2018	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
5034-0001	3	Hilliard Transportation Facility	4970 Davidson Road, Hilliard OH	07/01/2018	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
5117-0001	9	Honda East Liberty Plant	11000 State Route 347, East Liberty OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5117-0002	12	Honda of America Marysville	24000 Honda Parkway, Marysville OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5117-0003	13	Honda Of America Engine Plant	12500 Meranda Road, Anna OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5117-0005	20	Honda Research and Development	21001 State Route 739, Raymond OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5277-0001	1	Ind Lake Local Sch Bus Gar	6210 St Rt 235 North, Lewistown OH	01/22/2019	02/04/2019	PD Response Accepted	Accepted

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
5866-0001	4	Stroble Mini Mart	St Rt 141, Ironton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0002	4	South Point BP	132 County Road 450, South Point OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0004	4	Oak Hill BP	Morgans and Rt 93, Oak Hill OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0005	4	Whittingtons BP Service	309 Upper River Road, Gallipolis OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0006	4	Rio Grande BP - Clark's Pump N Shop #	11381 State Route 588, Rio Grande OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0008	3	Chesapeake BP	2927 Co Rd 44, South Point OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0009	3	Ironton BP	824 Park Avenue, Ironton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0010	4	Waverly BP #39	506 East Emmitt, Waverly OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0011	3	Wheelersburg BP	312 Center Street, Wheelerburg OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0012	4	Portsmouth BP	3008 Scioto Trail, Portsmouth OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0013	3	Newsome C Store	2626 Gallia Street, Portsmouth OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0014	3	Lucasville B.P. #29	10863 ST Rt 23, Lucasville OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0016	3	Clark's Pump N Shop #38	6288 State Route 7, Proctorville OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0019	2	University Mart BP	1813 Liberty Street, Ironton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0020	4	Jackson BP	90 Twin Oaks Drive, Jackson OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0021	2	Meenachs Ashland	4440 Gallia St, New Boston OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0022	4	Piketon BP	833 Beaver Creek Road, Piketon OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0024	3	Portsmouth B.P. #12	11th & Gay Street, Portsmouth OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0025	3	McArthur Marathon	301 S Market Street, McArthur OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0026	4	Clark's Pump N Shop #25	7575 State Route 7, Procterville OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0027	4	Hollidays Quick Stop	3302 State Route 243, Ironton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
5866-0028	2	Rosemount Rd. BP	1701 St Rt 139, Portsmouth OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
6529-0001	2	Liberty School Bus Garage	317 Churchill Hubbard Road, Youngstown (	07/01/2018	01/22/2019	PD Response Accepted	Accepted
7129-0001	2	Memorial Health	500 London Avenue, Marysville OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
7184-0001	1	Senior Lifestyle Wellspring	8000 Evergreen Ridge Drive, Cincinnati O	01/25/2019	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
7216-0001	9	600 Building	600 Longworth Street, Dayton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
7216-0002	3	601 Building	601 Longworth Street, Dayton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
7762-0001	2	North Fork Bus Garage	318 Spring Street, Utica OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
8377-0043	1	Mr. Fuel #7	2840 Salt Springs Road, Girard OH	02/14/2019	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
9728-0002	1	Narrows Marathon	2481 North Ridge Rd, Painesville OH	07/01/2018	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
9851-0001	5	Metro S O R T A - Queensgate	1401 Bank St, Cincinnati OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
9851-0002	5	Metro S O R T A - Bondhill	4700 Paddock Rd, Cincinnati OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
9851-0003	1	Metro SORTA - Access	1801 Transpark Drive, Cincinnati OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
10135-0001	1	Streetsboro City Schools	1901 Annalane Drive, Streetsboro OH	07/06/2018	02/04/2019	PD Response Accepted	Accepted
10658-0001	6	Tarta	1127 W. Central Avenue, Toledo OH	01/07/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
10658-0002	1	Toledo Area Regional Transit Authority	130 Knapp Street, Toledo OH	01/07/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
10673-0001	2	Rbt S Pearson Maint Center	130 S. Hawley Street, Toledo OH	07/20/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
10673-0002	2	Transportation Center	5600 Hill Avenue, Toledo OH	07/20/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
10673-0010	1	YMCA of Greater Toledo	306 Bush Street, Toledo OH	07/20/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
11057-0001	3	Van Dyne Crotty Co	2150 Fairwood Ave, Columbus OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12260-0024	1	Vitran Express Inc.	2789 East Crescentville Road, Sharonville (	01/25/2019	02/04/2019	PD Response Accepted	Accepted
12314-0003	3	Brook Park Service Center	19065 Holland Road, Brook Park OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12314-0004	1	Fairlawn Pump Station	5180 Smith Road, Brook Park OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
12348-0005	4	Philip Q Maiorana Waste Water Treatmer	6301 W. Erie Avenue, Lorain OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
12348-0006	3	City Garage Department	114 E. 35th Street, Lorain OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
12412-0001	6	Cleveland Clinic Foundation	9500 Euclid Avenue, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0002	1	Cleveland Clinic	9211 Euclid Avenue, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0003	1	NC Dock (BRB Dock)	2123 E. 96th Street, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0004	1	Intercontinental Hotel and Conference Ce	9801 Carnegie Avenue, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0005	4	Cleveland Clinic Power House	2045 E. 90th Street, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0007	2	Hillcrest Hospital	6780 Mayfield Road, Mayfield Heights OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0008	1	Cleveland Clinic Administrative Campus -	25875 Science Park Drive, Beachwood OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0009	1	Cleveland Clinic Administrative Campus -	25900 Science Park Drive, Beachwood OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0010	1	Cleveland Clinic Administrative Campus -	3050 Science Park Drive, Beachwood OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0011	1	Cleveland Clinic Administrative Campus -	3175 Science Park Drive, Beachwood OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0017	3	Medina Hospital	1000 E. Washington Street, Medina OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0018	2	Cleveland Clinic Data Center	8002 Katherine Boulevard, Brecksville OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0019	5	Fairview General Hospital	18101 Lorain Avenue, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0020	3	Euclid Hospital	18901 Lakeshore Boulevard, Euclid OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0021	2	Marymount Hospital	12300 McCracken Road, Garfield Heights C	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0022	1	Cleveland Clinic Building LL	10300 Carnegie Avenue, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0024	1	Cleveland Clinic Childrens Hospital for Re	2801 Martin Luther King Drive, Cleveland C	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0027	1	Cleveland Clinic - M & M Garage	2060 E. 89th Street, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0028	1	Cleveland Clinic Avon Tower	33300 Cleveland Clinic Blvd, Avon OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0029	2	Akron General Medical Center	One Akron General Avenue, Akron OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12412-0030	1	Cleveland Clinic Foundation	10465 Carnegie Avenue, Cleveland OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
12555-0001	5	Transporation Center	4290 N James H Mc Gee Blvd, Dayton OH	09/07/2018	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
14197-0007	3	Solon Data Center	28850 Aurora Road, Solon OH	02/12/2019	02/19/2019	PD Response Accepted	Accepted
14218-0714	3	United Dairy Farmers #182	2575 Cincinnati Brookville Road, Ross OH	02/26/2019	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
14218-0718	3	United Dairy Farmers #679	7905 East Broad Street, Reynoldsburg OH	01/11/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
16556-0001	4	Hilltop Sunoco	52645 National Road, St Clairsville OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
18419-0001	2	Ohio Masonic Home	2655 West National Road, Springfield OH	01/24/2019	02/04/2019	PD Response Accepted	Accepted
18438-0001	1	Kdm Transport	1341 Township Road 167, Sugar Creek O	07/09/2018	02/04/2019	PD Response Accepted	Accepted
18451-0084	4	Speedway #1154	3991 Indian Ripple Road, Beavercreek OH	01/08/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
18451-0236	1	Speedway #9383	23 Garver Road, Monroe OH	08/20/2018	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
18451-5697	1	Speedway #1017	64279 Wintergreen Road, Old Washington	01/08/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
18540-0040	4	Sheetz 648 Brunswick	2771 Center Road, Brunswick OH	07/20/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
18895-0001	1	Republic Services, Inc.	11563 Mosteller Road, Cincinnati OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
18895-0003	2	Republic Services, Inc.	1577 W. River Road, Dayton OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
18895-0004	2	Republic Services, Inc.	450 Thacher Lane, Youngstown OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
18895-0006	5	Republic Waste Services	933 Frank Road, Columbus OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
18895-0007	1	Republic Waste Services	1339 Main Street, Cuyahoga Falls OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
18895-0008	3	Republic Waste Services	2800 S. Erie Street, Massillon OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
19469-0115	4	Circle K #5566	1103 N. Water Street, Uhrichsville OH	01/10/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
19469-0252	4	Circle K #5718	2755 Dorothy Lane, Moraine OH	01/09/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
19664-0001	3	Lorain Plant	1807 E. 28th Street, Lorain OH	07/01/2018	02/04/2019	PD Response Accepted	Accepted

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
19664-0002	2	Republic Engineered Products Inc.	2633 8th Street NE, Canton OH	07/01/2018	02/04/2019	PD Response Accepted	Accepted
19745-0020	4	Clarksville Sunoco	383 West Main Street, Clarksville OH	01/07/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
19796-0001	1	Stone Transport Delta Terminal	321 W. Main St., Delta OH	02/14/2019	03/04/2019	PD Response Accepted	Accepted
19956-0001	4	B & I Automotive Repair Inc	33200 Aurora Rd, Solon OH	01/03/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
20130-0001	1	BlueLinx Corporation	550 Munroe Falls, Tallmadge OH	01/31/2019	02/04/2019	PD Response Accepted	Accepted
20175-0001	4	Amawi Brothers LLC	15237 Euclid Ave, East Cleveland OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
20237-0001	2	Hahnco (Arcadia Marathon)	106 W. Fremont Street, Arcadia OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
20237-0003	4	North Baltimore Convenience	101 S. Main Street, North Baltimore OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
20237-0004	3	Weston Marathon	13170 Mill Street, Weston OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
20484-0004	3	R & R Takhar Operations	419 N. Main Street, New Carlisle OH	01/07/2019	01/22/2019	PD Response Accepted	Accepted
20518-0001	1	Bucyrus Community Hospital	629 N. Sandusky Avenue, Bucyrus OH	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21000-0001	3	Sally's Station	3519 Cleveland Avenue NW, Canton OH	01/24/2019	02/04/2019	PD Response Accepted	Accepted
21001-0001	1	Hyde Park Health Center	4001 Rosslyn Drive, Cincinnati OH	07/20/2018	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
21359-0001	2	Taylorville Petroleum LLC	4774 Taylorville Road, Huber Heights OH	07/06/2018	02/19/2019	PD Response Accepted	Accepted
21422-0001	1	Diplomat Healthcare	9001 W. 130th Street, North Royalton OH	08/14/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21509-0002	4	Corporate Wings Hopkins LLC	6200 Riverside Drive (Front), Cleveland O	07/01/2018	01/22/2019	PD Response Accepted	Accepted
21713-0001	3	Turkey Hill Minit Market #702	753 Hebron Road, Heath OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0003	3	Turkey Hill Minit Market #708	1425 Cassady Avenue, Columbus OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0004	3	Turkey Hill Minit Market #709	5350 Tuttle Crossing Boulevard, Columbus	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0005	3	Turkey Hill Minit Market #711	7447 State Route 3, Westerville OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0006	3	Turkey Hill Minit Market #712	3900 S. High Street, Columbus OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0007	3	Turkey Hill Minit Market #703	721 S. Hamilton Road, Whitehall OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0008	3	Turkey Hill Minit Market #704	2685 N. High Street, Columbus OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0009	3	Turkey Hill Minit Market #713	3000 Centerpoint Drive, Urbancrest OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0010	3	Turkey Hill Minit Market #706	1880 E. Broad Street, Columbus OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0011	3	Turkey Hill Minit Market #714	1910 Stringtown Road, Grove City OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0012	3	Turkey Hill Minit Market #707	2740 Stratford Road, Delaware OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0013	4	Turkey Hill Minit Market #705	1953 Morse Road, Columbus OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0015	3	Turkey Hill Minit Market #717	950 Georgesville Road, Columbus OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0017	3	Turkey Hill Minit Market #701	6195 Cleveland Avenue, Columbus OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0018	3	Turkey Hill Minit Market #720	2731 Winchester Pike, Columbus OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
21713-0019	3	Turkey Hill #721	9880 Johnstown Road, New Albany OH	08/31/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
22006-0001	3	Maharaja IWC Food Mart	1901 W. 2nd Street, Xenia OH	01/18/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
22038-0001	5	Chinar Oil LLC	7809 Cincinnati Dayton Road, West Chest	01/30/2019	02/19/2019	PD Response Accepted	Accepted
22056-0001	3	Ahmad A. Mashqbeh Property	1564 Mahoning Avenue, Youngstown OH	02/22/2019	03/04/2019	PD Response Accepted	Accepted
22075-0003	4	South Bloomfield Valero	5023 North Walnut Street, Ashville OH	01/11/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
22240-0001	2	Waleed Tayeh Property	237 Lake Avenue, Elyria OH	07/01/2018	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
22259-0001	4	Hamad Investment Group #2	1201 Dorr Street, Toledo OH	01/16/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
22472-0001	2	Gas and Food Mini Mart	9790 E. Center Street, Windham OH	07/17/2018	02/19/2019	PD Response Accepted	Accepted
22517-0001	1	GBS Grandview, LLC	658 Grandview Avenue, Columbus OH	11/16/2018	01/22/2019	PD Response Accepted	Accepted
22593-0001	4	1590 Northwest LLC	1590 N. West Street, Lima OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
22640-0001	1	Fair Avenue Complex	115 S. Fair Avenue, Ottawa OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
22657-0001	1	Saia Motor Freight Line LLC	3010 E Crescentville Road, West Chester C	07/01/2018	01/22/2019	PD Response Accepted	Accepted

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
22657-0002	1	Saia Motor Freight Toledo	1919 E Manhattan Blvd, Toledo OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
22781-0001	2	The Chefs' Warehouse, Inc.	619 Linn Street, Cincinnati OH	02/01/2019	02/19/2019	PD Response Accepted	Accepted
22834-0001	4	Liongate LLC	7752 Brecksville Road, Independence OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
22853-0001	1	Joshua Bult	2435 Shepler Church Avenue, Canton OH	01/02/2019	01/22/2019	PD Response Accepted	Accepted
22854-0001	1	Rush Truck Centers of Ohio, Inc.	7655 Poe Avenue, Dayton OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
22909-0001	3	Jiya Properties	5755 State Route 128, Cleves OH	01/11/2019	01/22/2019	PD Response Accepted	Accepted
22915-0001	1	Three Centennial	895 Central Avenue, Cincinnati OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
22994-0001	3	Asad Shell	2330 Reading Road, Cincinnati OH	02/13/2019	03/04/2019	PD Response Accepted	Accepted
23099-0001	4	Venkateshwara LLC	24655 US Highway 23 S., Circleville OH	02/21/2019	03/04/2019	PD Response Accepted	Accepted
23110-0001	3	Sunoco Sinclair	4840 Sinclair Road, Columbus OH	01/08/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
23300-0001	2	Buford Store	2510 State Route 134, Buford OH	09/07/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
23453-0001	4	Mantua EZ Mart	10719 N. Main Street, Mantua OH	07/10/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23453-0002	2	SH Yun, Inc.	1152 W. Main Street, Kent OH	07/10/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23577-0001	3	Sahjanand, LLC	703 2nd Street, Portsmouth OH	10/02/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23788-0001	4	PawPaw's Country Mart	4235 Middlebranch Avenue NE, Canton O	07/01/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
23835-0001	2	XPO Logistics Freight, Inc.	5289 Duff Drive, West Chester OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23835-0002	2	XPO Logistics Freight, Inc.	2625 Westbelt Drive, Columbus OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23835-0003	1	XPO Logistics Freight, Inc.	3410 Stop Eight Rd, Dayton OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23835-0004	1	XPO Logistics Freight, Inc.	1850 East Wyandot Ave., Upper Sandusky	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23835-0005	4	XPO Logistics Freight, Inc.	12901 Snow Road, Parma OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23835-0006	4	XPO Logistics Freight, Inc.	6700 Muth Road, Lordstown OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23835-0007	1	XPO Logistics Freight, Inc.	28291 Glenwood Road, Perrysburg OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23857-0001	3	Canton Mini Mart	3690 Cleveland SW, Canton OH	02/14/2019	03/04/2019	PD Response Accepted	Accepted
23921-0011	5	Casey's General Store #3668	700 Wayne Madison Road, Trenton OH	01/28/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23921-0012	5	Casey's General Store #3742	202 West Ervin Road, Van Wert OH	01/28/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23921-0014	5	Casey's General Store	2800 Shawnee Road, Lima OH	02/19/2019	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
23927-0001	1	Mortgage Investment Group, LLC	8995 Avon Belden Road, North Ridgeville C	07/01/2018	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
23955-0001	2	Dans Down Home	33186 State Route 124, Langsville OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
23977-0001	1	North Point Tower	1001 Lakeside Avenue, Cleveland OH	07/01/2018	01/22/2019	PD Response Accepted	Accepted
24028-0002	4	Tires Outlet Place, LLC	4126 Pearl Road, Cleveland OH	07/01/2018	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
24045-0001	3	BM Oil, LLC	238 S. Main Street, Woodsfield OH	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24070-0001	4	Chechi Brothers Inc.	87 E. Broad Street, Pataskala OH	07/01/2018	02/04/2019	PD Response Accepted	Accepted
24082-0001	1	Ohio River Partners Shareholder Hanniba	43840 State Route 7, Hannibal OH	01/09/2019	01/22/2019	PD Response Accepted	Accepted
24106-0001	1	Smokey Road Realty, LLC	19550 Smokey Road, Marysville OH	07/02/2018	02/19/2019	Not Required: Post 11-30-09 Pay	N/A
24178-0001	2	First Venture Development, LLC dba Doc	73500 Flushing New Athens Road, Flushi	07/01/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24199-0001	4	1350 Upper Valley Pike	1350 Upper Valley Pike, Springfield OH	07/10/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24307-0001	3	Sunoco Hop-In	24200 Lakeshore Boulevard, Euclid OH	10/10/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24308-0001	1	Community Improvement Corp.	999 Pine Avenue Southeast, Warren OH	01/14/2019	01/22/2019	PD Response Accepted	Accepted
24339-0001	1	Nemo's Inc.	4302 County Road 16, Rayland OH	01/08/2019	01/22/2019	Not Required: Post 11-30-09 Pay	N/A
24342-0001	4	Swiftly Serv Station 218	5023 North Walnut Street, Ashville OH	12/07/2018	01/22/2019	PD Response Accepted	Accepted
24343-0001	4	Louisville Foodmart	2120 East Main Street, Louisville OH	02/12/2019	02/19/2019	PD Response Accepted	Accepted
24346-0001	5	Pataskala Shell	13075 Worthington Road S.W., Pataskala C	11/29/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24347-0001	3	BFS Foods, Inc. #85	38710 State Route 7, Newport OH	12/04/2018	01/22/2019	PD Response Accepted	Accepted

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
24373-0001	3	Marina District, LLC	95 Main Street, Toledo OH	01/25/2019	02/19/2019	PD Response Accepted	Accepted
24374-0001	2	Minit Mart Doylestown	221 North Portage Street, Doylestown OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24374-0002	2	Minit Mart Creston	228 South Main Street, Creston OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24374-0003	2	Minit Mart Chippewa Lake	590 Lake Road, Chippewa Lake OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24374-0004	4	Minit Mart Medina 1	828 West Liberty Street, Medina OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24374-0005	2	Minit Mart Medina 2	1033 South Court Street, Medina OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24374-0006	2	Minit Mart Rittman	10 East Sunset Street, Rittman OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24374-0007	2	Minit Mart Valley City	6550 Center Road, Valley City OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24374-0008	3	Minit Mart Medina 3	1010 West Lafayette Road, Medina OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24374-0009	3	Minit Mart Wooster	825 Dover Road, Wooster OH	01/25/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24376-0001	3	Eva Brothers Inc.	1435 Mentor Avenue, Painesville Township	01/23/2019	02/19/2019	PD Response Accepted	Accepted
24377-0001	3	Hissom's Service Center, LLC	827 East Main Street, Barnesville OH	12/31/2018	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24379-0001	5	DC Northside	704 North Main Street, Wellington OH	01/22/2019	02/04/2019	Not Required: Post 11-30-09 Pay	N/A
24393-0001	3	King Sunoco	993 King Ave, Columbus OH	02/20/2019	03/04/2019	Not Required: Post 11-30-09 Pay	N/A
24394-0001	3	Concord Sunmart	9861 Johnnycake Ridge Road, Mentor OH	01/15/2019	02/19/2019	Not Required: Post 11-30-09 Pay	N/A

Total Owners **104**

Total Facilities **221**

Total USTs **635**

Total Determinations **52**

Petroleum UST Release Compensation Board
Facility Certificate Listing

Program Year 2018

COC Eff Date: No COC Print Date: No

Denial Status: DETERMINATION

Date of Determination from 01/09/19 to 3/12/19

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
351-0001	4	Henry Tire 76	2602 E. 3rd Street, Dayton OH			N/A	Determination
1658-0001	3	Carroll County Airport Author	253 Airport Road, Carrollton OH			N/A	Determination
2002-0065	1	Greater Cincinnati Water Works	5651 Kellogg Avenue, Cincinnati OH			N/A	Determination
2005-0001	1	Cleveland Heights City Hall	40 Severance Circle, Cleveland Heights O			N/A	Determination
2005-0003	2	Municipal Garage Transfer Station	14200 Superior Road, Cleveland Heights O			N/A	Determination
2025-0001	2	East Cleveland Police Dept	1824 Marloes Street, East Cleveland OH			N/A	Determination
2025-0002	1	East Cleveland Service Department	1610 Eddy Road, East Cleveland OH			N/A	Determination
2025-0003	1	East Cleveland Fire Sta 2	14801 Shaw Avenue, East Cleveland OH			N/A	Determination
2025-0004	1	City of East Cleveland Service Garage	1626 Eddy Road, East Cleveland OH			N/A	Determination
4583-0001	1	Greenfield Exempted School	200 N. 5th Street, Greenfield OH			N/A	Determination
4724-0001	3	Hamden Gas and Oil	288 N. Main Street, Hamden OH			N/A	Determination
6573-0001	1	Lippincott Plumbing-Heating and Air Cor	872 Saint Johns Avenue, Lima OH			N/A	Determination
7527-0001	1	Musicians Towers Apartments	2727 Lancashire Road, Cleveland Heights (			N/A	Determination
12260-0021	1	Crown Enterprises Inc	1850 Bailey Road, North Jackson OH			N/A	Determination
14557-0001	2	Harrison County Airport	43000 Airport Road, Cadiz OH			N/A	Determination
15673-0001	2	Otterbein Lebanon Ret Comm	585 N. State Route 741, Lebanon OH			N/A	Determination
17004-0001	4	GXS	5347 W. 161st Street, Brook Park OH			N/A	Determination
19293-0002	2	Clark Shurmer Gas	15387 Pearl Road, Strongsville OH			N/A	Determination
19745-0017	2	M&R Fuel	805 W. Market Street, Warren OH		09/28/2018	N/A	Determination
19860-0001	2	West End Marathon	1912 Hayes Avenue, Fremont OH			N/A	Determination
21430-0001	2	Gateway Gas & Food Market, Inc.	1231 Market Street, Youngstown OH			N/A	Determination
21430-0002	2	Gateway Gas Mart	2732 Glenwood Avenue, Youngstown OH			N/A	Determination
21684-0001	2	GM Lordstown Complex West	2369 Ellsworth Bailey Road SW, Lordstow			N/A	Determination
22028-0001	4	Fair Price Station	417 Harding Way E., Galion OH			N/A	Determination
22184-0001	3	Manjit Kaur Bains Property	1600 30th Street N.E., Canton OH			N/A	Determination
22300-0001	3	Dinberu, Inc.	10025 Hamilton Avenue, Cincinnati OH			N/A	Determination
22664-0001	2	Belmont Gas & Food Mart	911 Belmont Avenue, Youngstown OH			N/A	Determination
22664-0002	2	Ohio Gas & Food Mart	2637 Glenwood Ave, Youngstown OH			N/A	Determination
22664-0003	2	Kaur Property	2505 Market Street, Youngstown OH			N/A	Determination
23171-0001	3	Sidon LLC	50 W. Mitchell Avenue, Cincinnati OH			N/A	Determination
23380-0001	3	Valero	1271 Yellow Springs Fairfield Road, Fairb			N/A	Determination
23821-0001	2	Carry Out	164 E. Pike Street, Morrow OH			N/A	Determination
23881-0001	3	Sunset Marathon	4201 Sunset Boulevard, Steubenville OH			N/A	Determination
23883-0001	3	Linden Valero	4412 Linden Avenue, Riverside OH			N/A	Determination

Owner/Fac	UST Cnt	Own / Fac Name	Own / Fac Address	Eff Date	Print Date	Override Reason	Denial Status
23943-0001	4	Jamies Market	2501 Millville Oxford Road, Hamilton OH			N/A	Determination
23979-0001	5	Corner Market	13123 State Route 124, Piketon OH			N/A	Determination
24128-0001	4	Bucks East 40th St Marathon	3980 Saint Clair Avenue, Cleveland OH			N/A	Determination
24142-0001	3	7 Star LLC	3350 E. 116th Street, Cleveland OH			N/A	Determination
24244-0001	3	Green Acres Grocery	8635 S. River Road, Blue Rock OH			N/A	Determination
24288-0001	4	Marathon Food Mart	2720 Saint Johns Road, Lima OH			N/A	Determination

Total Owners **33**

Total Facilities **40**

Total USTs **96**

Total Determinations **40**