Form 5500-SF

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.**

OMB Nos. 1210-0110
1210-0089

2012

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A This return/report is for: [X] a single-employer plan [ ] a multiple-employer plan (not multiemployer) [ ] a one-participant plan

B This return/report is: [ ] the first return/report [ ] the final return/report
[ ] an amended return/report [ ] a short plan year return/report (less than 12 months)

C Check box if filing under: [X] Form 5558 [ ] automatic extension [ ] DFVC program
[ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
UMPCO, INC

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 08/31/1974

2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan)
UMPCO, INC

7100 LAMPSON
P.O. BOX 5158
GARDEN GROVE, CA 92841-3914

2b Employer Identification Number (EIN) 95-2431216

2c Sponsor's telephone number 714-897-3536

2d Business code (see instructions) 332510

3a Plan administrator's name and address [X] Same as Plan Sponsor Name [ ] Same as Plan Sponsor Address

3b Administrator's EIN

3c Administrator's telephone number

4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN, and the plan number from the last return/report.
a Sponsor's name

4b EIN

4c PN

5a Total number of participants at the beginning of the plan year	**5a**	97
b Total number of participants at the end of the plan year	**5b**	103
c Number of participants with account balances as of the end of the plan year (defined benefit plans do not complete this item)	**5c**	

6a Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) [X] Yes [ ] No

b Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) [X] Yes [ ] No

If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/08/2013	RAOBERT DAVIS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/08/2013	RAOBERT DAVIS
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

Preparer's name (including firm name, if applicable) and address; include room or suite number (optional)

Preparer's telephone number (optional)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	2885034	2922305
b Total plan liabilities	7b	0	
c Net plan assets (subtract line 7b from line 7a)	7c	2885034	2922305
8 Income, Expenses, and Transfers for this Plan Year		**(a) Amount**	**(b) Total**
a Contributions received or receivable from: (1) Employers	8a(1)	349664	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	363835	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		713499
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	676228	
e Certain deemed and/or corrective distributions (see instructions)	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g		
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		676228
i Net income (loss) (subtract line 8h from line 8c)	8i		37271
j Transfers to (from) the plan (see instructions)	8j	0	

Part IV Plan Characteristics

9a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions:
1A 1G

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions

10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		X	
c Was the plan covered by a fidelity bond?	10c	X		400000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e		X	
f Has the plan failed to provide any benefit when due under the plan?	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year end.)	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and line 11a below) — [X] Yes [ ] No

11a Enter the amount from Schedule SB line 39 — 11a: 0

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? — [ ] Yes [X] No

(If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.)

a If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions, and enter the date of the letter ruling granting the waiver. Month _____ Day _____ Year _____

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year — 12b

c Enter the amount contributed by the employer to the plan for this plan year	**12c**	
d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount)	**12d**	
e Will the minimum funding amount reported on line 12d be met by the funding deadline?		☐ Yes ☐ No ☐ N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year?		☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year	**13a**	
b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☐ Yes ☒ No

c If during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

13c(1) Name of plan(s):	**13c(2)** EIN(s)	**13c(3)** PN(s)

Part VIII Trust Information (optional)

14a Name of trust	**14b** Trust's EIN

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2012

This Form is Open to Public Inspection

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
UMPCO, INC

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
UMPCO, INC

D Employer Identification Number (EIN)
95-2431216

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [X] 100 or fewer [ ] 101-500 [ ] More than 500

Part I Basic Information

1	Enter the valuation date: Month 01 Day 01 Year 2012			
2	Assets:			
	a Market value	2a		2885034
	b Actuarial value	2b		2885034
3	Funding target/participant count breakdown:		(1) Number of participants	(2) Funding Target
	a For retired participants and beneficiaries receiving payment	3a		
	b For terminated vested participants	3b	13	159943
	c For active participants:			
	(1) Non-vested benefits	3c(1)		0
	(2) Vested benefits	3c(2)		2805457
	(3) Total active	3c(3)	84	2805457
	d Total	3d	97	2965400
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]			
	a Funding target disregarding prescribed at-risk assumptions	4a		
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5		5.54 %
6	Target normal cost	6		129836

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE

Signature of actuary	09/30/2013 Date
TRACI M CHRISTIAN Type or print name of actuary	11-06694 Most recent enrollment number
MCCLOUD AND ASSOCIATES, INC. Firm name	816-792-3838 Telephone number (including area code)
205 WEST KANSAS ST LIBERTY, MO 64068 Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of _____%	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b Interest on (a) using prior year's effective interest rate of _____% except as otherwise provided (see instructions)		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	97.29 %
15	Adjusted funding target attainment percentage	15	97.29 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	114.76 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/10/2012	144700	0			
08/02/2012	204964	0			
			Totals ► 18(b)	349664	18(c)

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	341164

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	
1.99%	5.12%	6.24 %	☐ N/A, full yield curve used

b Applicable month (enter code)	**21b**	1
22 Weighted average retirement age	**22**	65

23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes	☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes	☐ No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	**27**	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	**28**	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	**29**	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	**30**	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6)	**31a**	129836
b Excess assets, if applicable, but not greater than line 31a	**31b**	

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	80366	12698
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	142534

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement			

36 Additional cash requirement (line 34 minus line 35)	**36**	142534
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	341164

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	**38a**	198630
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	**38b**	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	**39**	0
40 Unpaid minimum required contributions for all years	**40**	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

42 Amount of acceleration adjustment	**42**	
43 Excess installment acceleration amount to be carried over to future plan years	**43**	

Shortfall and Waiver Amortization Bases

Attachment to 2012 Schedule SB (Form 5500) - Line 32

Umpco, Inc.
Valuation Date 1/1/2012

EIN: 95-2431216
PN: 001

Type of Base	Amount To Amortize	Amortization Period	Remaining Period	Outstanding Balance	Payment This Year
Shortfall	80,366	7	7	80,366	12,698
Total				80,366	12,698

Summary of Plan Provisions

Attachment to 2012 Schedule SB (Form 5500)

Following is a summary of the major plan provisions used to determine the plan's financial position. It should not be relied upon for determining individual plan benefits.

Employees covered	All Umpco employees
Eligibility	Age 21 and one year of service. Plan entry is 1/1 or 7/1 coincident with or following the satisfaction of requirements.
Vesting Service	Years of Service with 1000 hours.
Regular Retirement	Eligibility:
	First day of the month coincident with or following age 65 and 5 years of participation. Maximum numbers of years of service is 27.
	Annual Benefit:
	32.6% of average compensation. Total retirement benefit is reduced by 1/27 for each year of accrual less than 27 years.
	Highest Consecutive 5 year average salary over all years of service.
Early Retirement	Minimum age 55 with a minimum of 10 years of participation.
Vested Termination	20% per year after 2 years of service (100% after 6 years)
Death Benefit	Lump Sum payable on death of participant. 100% present value of accrued benefit.

Normal Form of Payment Life Annuity

Attachment to 2012 Schedule SB (Form 5500) - Line 22

Description of Weighted Average Retirement Age

Client: Umpco **Valuation Date 1/1/2012**

EIN: 95-2431216
PN: 001

The age reported is the average retirement age for all active participants as of the valuation date rounded to the nearest whole age. For an active late retiree, the assumed retirement age may be later than the Plan's normal retirement age. Each participant's rate of retirement is assumed to be 100% at his assumed retirement age.

SCHEDULE SB (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Single-Employer Defined Benefit Plan Actuarial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500 or 5500-SF.**

OMB No. 1210-0110

2012

This Form is Open to Public Inspection

For calendar plan year 2012 or fiscal plan year beginning **01/01/2012** and ending **12/31/2012**

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of $1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan
UMPCO, INC

B Three-digit plan number (PN) ▶ **001**

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
UMPCO, INC

D Employer Identification Number (EIN)
95-2431216

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [X] 100 or fewer [ ] 101-500 [ ] More than 500

Part I Basic Information

1 Enter the valuation date: Month **01** Day **01** Year **2012**

2	Assets:			
	a Market value	2a		2,885,034
	b Actuarial value	2b		2,885,034
3	Funding target/participant count breakdown		**(1)** Number of participants	**(2)** Funding Target
	a For retired participants and beneficiaries receiving payment	3a		
	b For terminated vested participants	3b	13	159,943
	c For active participants:			
	(1) Non-vested benefits	3c(1)		0
	(2) Vested benefits	3c(2)		2,805,457
	(3) Total active	3c(3)	84	2,805,457
	d Total	3d	97	2,965,400
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]			
	a Funding target disregarding prescribed at-risk assumptions	4a		
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5	Effective interest rate	5		5.54 %
6	Target normal cost	6		129,836

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each presribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE



Signature of actuary

09/30/2013

Date

Traci M Christian

Type or print name of actuary

11-06694

Most recent enrollment number

McCloud and Associates, Inc.

Firm name

(816) 792-3838

Telephone number (including area code)

205 West Kansas St

US Liberty MO 64068

Address of the firm

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions [ ]

Part II Beginning of Year Carryover Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of _____ %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		
	b Interest on (a) using prior year's effective interest rate of _____% except as otherwise provided (see instructions)		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		
12	Other reductions in balances due to elections or deemed elections	0	
13	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	97.29 %
15	Adjusted funding target attainment percentage	15	97.29 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	114.76 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/10/2012	144,700				
08/02/2012	204,964				
			Totals ► 18(b)	349,664	18(c)

19	Discounted employer contributions -- see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contribution from prior years	19a	
	b Contributions made to avoid restrictions adjusted to valuation date	19b	
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	341,164

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used To Determine Funding Target and Target Normal Cost

21 Discount rate:

a Segment rates:

1st segment:	2nd segment:	3rd segment:	☐ N/A, full yield curve used
1.99 %	5.12 %	6.24 %	

b Applicable month (enter code) **21b** 1

22 Weighted average retirement age **22** 65

23 Mortality table(s) (see instructions) ☒ Prescribed - combined ☐ Prescribed - separate ☐ Substitute

Part VI Miscellaneous items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment . . . . . ☐ Yes ☒ No

25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment . . . . . ☐ Yes ☒ No

26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment . . . . . ☒ Yes ☐ No

27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment **27**

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contribution for all prior years **28**

29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a) **29**

30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29) **30**

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):

a Target normal cost (line 6) **31a** 129,836

b Excess assets, if applicable, but not greater than line 31a **31b**

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	80,366	12,698
b Waiver amortization installment		

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month_____ Day_____ Year _____) and the waived amount **33**

34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) **34** 142,534

	Carryover balance	Prefunding Balance	Total balance
35 Balances elected for use to offset funding requirement			

36 Additional cash requirement (line 34 minus line 35) **36** 142,534

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) **37** 341,164

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36) **38a** 198,630

b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances **38b** 0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) **39** 0

40 Unpaid minimum required contribution for all years **40**

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:

a Schedule elected . . . . . ☐ 2 plus 7 years ☐ 15 years

b Eligible plan year(s) for which the election in line 41a was made . . . . . ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

42 Amount of acceleration adjustment **42**

43 Excess installment acceleration amount to be carried over to future plan years **43**

Actuarial Assumptions and Methods

Attachment to 2012 Schedule SB (Form 5500)

Economic Assumptions

Interest Rates

- Funding Rates
  - Segment or Yield Curve Rates: Segment
  - Lookback months: 1
  - First 5 years: 1.99%
  - Following 15 years: 5.12%
  - Over 20 Years: 6.24%
- Effective Interest Rate: 5.54%
- Interest Rate for Actuarial Present Value of Accumulated Plan Benefits (ASC-715-30-35-2): same as funding
- Financial Accounting Standards Board (SFAS-168) Rates
  - Discount Rate (ASC-715-30-35-43 thru 46): 6.00%
  - Long-term Rate of Return (ASC-715-30-35-47 thru 49): 6.00%

Salary Increases	4.0% per year
Indexed Limits on Compensation and Benefits	4.0% for financial accounting purposes only.
Expenses expected to be paid From Plan assets during the valuation year	Assumed to be paid by the Plan Sponsor
Maximum Benefit	$200,000 for current and future years.
Maximum Earnings	$250,000 for current and future years

Demographic Assumptions

Mortality	IRS 2012 Optional Combined Tables for Males and Females.
Retirement	Age 65
Marital Status	For valuing death benefits, 80% of participants are assumed to be married with males 3 years older than their female spouses.

Change in Assumptions

Interest discount rates and funding mortality assumptions were updated in accordance with the Pension Protection Act of 2006.

There were no other assumption changes made with this valuation.

Uncertainty and risks with respect to the results, assumptions, methods, etc.

The results presented in this report are based upon actuarial assumptions and methods. The assumptions represent the expected experience for the Plan and the methods allocate costs to past and future service. When the actual experience of the Plan is different from what is assumed in the valuation, volatility in the funded status of the Plan and the contribution requirements is created.

IRS Circular 230 Disclosure:

Any Federal tax advice contained herein is not written to be used for, and the recipient and any subsequent reader cannot use such advice for, the purpose of avoiding any penalties asserted under the Internal Revenue Code. If the foregoing contains Federal tax advice and is distributed to a person other than the addressee, each additional and subsequent reader hereof is notified that such advice should be considered to have been written to support the promotion or marketing of the transaction or matter addressed herein. In that event, each such reader should seek advice from an independent tax advisor with respect to the transaction or matter addressed herein based on the reader's particular circumstances.

Funding Method – Traditional Unit Credit

The actuarial present values of all benefits expected to accrue during the upcoming year for all individuals plus expected plan expenses is the **Target Normal Cost** for the valuation year.

The actuarial present values of all benefits allocated to all valuation years preceding the 2012 actuarial valuation date is the actuarial accrued liability or the **Funding Target.** The excess of the actuarial accrued liability over the actuarial value of plan assets is the unfunded actuarial accrued liability or **Funding Shortfall.**

The actuarial gain (loss) is a measure of the difference between actual experience and that expected based upon the actuarial assumptions between two actuarial valuation dates. Under this actuarial cost method, the actuarial gains (losses) are directly calculated and reduce (increase) the unfunded actuarial accrued liability.

Pension Expense Method – Projected Unit Credit Actuarial Cost Method

The actuarial method used in developing the Net Periodic Pension Cost, and the required disclosures, is also the Projected Unit Credit Actuarial Cost Method. This is the method prescribed in the Financial Accounting Standards Board Statement No. 87. Cumulative net actuarial gains and losses in excess of the allowable 10% corridor are amortized over the average future service of active participants. Increases in the benefit obligations due to Plan amendments are amortized on a straight-line basis over the average future service of active participants.

Asset Valuation Method

For funding purposes, the actuarial value of assets is the market value of assets plus any accrued contributions discounted back to the valuation date at the prior year's effective interest rate.

For pension expense purposes, the market-related value of assets is defined as the actual market value of assets, including accrued income, but not including accrued employer contributions.

Valuation Procedures

No liability is held for non-vested, terminated employees, even if a break-in-service had not occurred as of the valuation date.

Method Changes since prior valuation

There were no other method changes made with this valuation.

Participant Summary

Active Participants – Age and Service Distribution

Attachment to 2012 Schedule SB (Form 5500) – Line 26

	Service							
Age	**0 - 4**	**5 - 9**	**10 - 14**	**15 – 19**	**20 - 24**	**25 - 29**	**Over 30**	**Total**
20 - 24	1							1
25 - 29	2	3						5
30 - 34	2	4	1					7
35 - 39	4	6	2	2				14
40 - 44	4	9	9		2			24
45 - 49	1		5	1	3	1		11
50 - 54		3			2			5
55 - 59	3	2	1	2			1	9
60 - 64		1	1				1	3
65+	1					1	3	5
Total	18	28	19	5	7	2	5	84

	2010	2011	2012
Active Participants	84	85	84
Average Age	44.00	43.94	44.48
Average Service	11.10	11.29	11.59