PDFs and Data Standards

Seth Copen Goldstein 7/30/24

GovFin 2024





THE PROBLEM

Smaller municipality bond issues face significant barriers including limited market access, a less liquid secondary market, size bias and higher borrowing costs.

The Result

- Small municipalities pay more to issue bonds on average
- They pay a premium interest rate
- They remain fully dependent on institutional investors
- The vast majority of interest paid on bonds flows out of their region
- The market for smaller municipality's bonds remains thinly traded and opaque

THE PROBLEM

Smaller municipality bond issues face significant barriers including limited market access, a less liquid secondary market, size bias and higher borrowing costs.

The Result

Exactly how much more?

- Small municipalities pay more to issue bonds on average
- They pay a premium interest rate

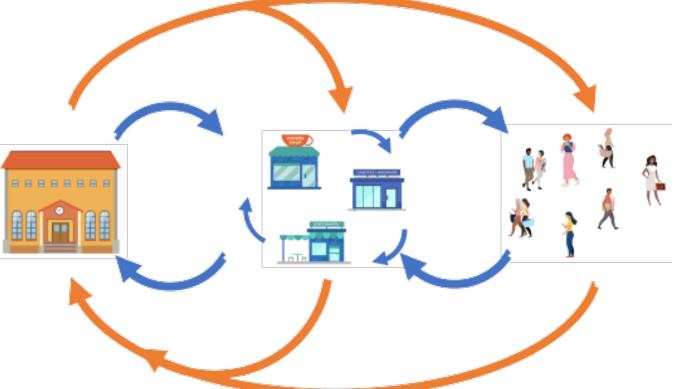
- What is the premium?
- They remain fully dependent on institutional investors
- The vast majority of interest paid on bonds flows out of their region
- The market for smaller municipality's bonds remains thinly traded and opaque

With what price difference?

THE SOLUTION

ZuzLab offers a revolutionary platform that integrates lending and payment, designed to tackle the challenges of enhancing transparency, raising capital, and keeping money local.

- Lowers cost of issuing bonds
- Increases liquidity
- Drive local economic activity



THE PROBLEM

Smaller municipality bond issues face significant barriers including limited market access, a less liquid secondary market, size bias and higher borrowing costs.

The Result

Exactly how much more?

- Small municipalities pay more to issue bonds on average
- They pay a premium interest rate

- What is the premium?
- They remain fully dependent on institutional investors
- The vast majority of interest paid on bonds flows out of their region
- The market for smaller municipality's bonds remains thinly traded and opaque

With what price difference?

Should Be Easy To Answer

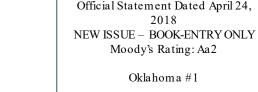
- · All Offering Statements are on Emma.
- But, they are unstructured
- And, stored in pdf form
- With no preferred format

pdf to text

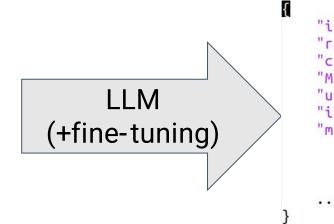


FINANCIAL ADVISOR STEPHEN H. MCDONALD & ASSOCIATES, INC

Official Statement Dated April 24, 2018



In the opinion of Hilborne & Weidman, Bond Counsel, Tulsa, Oklahoma, under existing law, interest on the Bonds is included in the gross income of the owners thereof for Federal income tax purposes, and interest on the Bonds is exempt from Oklahoma income taxation. See "Tax Matters"



```
"issuer": "Independent School
"ratings": {"Moody's": "Aa2"
"cusips": ["899539LZ8", "8995
"MFA": "STEPHEN H. MCDONALD 8
"underwriter": "WELLS FARGO E
"issueDate": "6/1/2018",
"maturity": {"899539LZ8": {"[
              "899539MA2": {"[
             "899593MB0": {"[
             "899593MC8": {"[
```

herein.

Financial Statements are Easier

HEMPHILL COUNTY HOSPITAL DISTRICT STATEMENT OF NET POSITION				
SEPTEMBER 30, 2022 AND 2021				
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION:	2022	2021 (Restated)		
CURRENT LIABILITIES Current Portion of Long-Term Debt Accounts Payable Accounts Payable - Nursing Home Accrued Payroll, Benefits, and Related Liabilities Notes Payable Self Funded Health Insurance Estimated Third-Party Payor Settlements Other Accrued Liabilities	\$ 754,206 495,776 4,038,172 934,208 63,341 192,818 20,778 533,030	\$ 719,560 549,585 2,591,879 790,924 52,706 77,995		
Total Current Liabilities NONCURRENT LIABILITES	7,032,329	5,321,768		
Long-Term Debt, Net of Current Portion Net Pension Liability Other Long-Term Liabilities	19,655,534 - 20,000	20,405,590 243,859 30,000		
Total Noncurrent Liabilities	19,675,534	20,679,449		
Total Liabilities DEFERRED INFLOWS OF RESOURCES	26,707,863	26,001,217		
Difference Between Projected and Actual Earnings CARES Act Provider Relief Funds	3,003,536	647,745 200,000		
Total Deferred Inflows of Resources NET POSITION	3,003,536	847,745		
Invested in Capital Assets Net of Related Debt Unrestricted	10,077,435 6,677,182	11,237,083 6,938,975		
Total Net Position Total Liabilities, Deferred Inflows of Resources and Net Position	\$ 46,466,016	18,176,058 \$ 45,025,020		

- Still a pdf, but there is a (mostly) accepted format
- Self Checking

Financial Statements are Easier

HEMPHILL COUNTY HOSPITAL DISTRICT

STATEMENT OF NET POSITION

SEPTEMBER 30, 2022 AND 2021

LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION:	2022	2021 (Restated)
CURRENT LIABILITIES Current Portion of Long-Term Debt Accounts Payable Accounts Payable - Nursing Home	\$ 754,206 495,776 4,038,172	\$ 719,560 549,585 2,591,879
Accrued Payroll, Benefits, and Related Liabilities Notes Payable Self Funded Health Insurance Estimated Third-Party Payor Settlements Other Accrued Liabilties	934,208 63,341 192,818 20,778 533,030	790,924 52,706 77,995 - 539,119
Total Current Liabilities	7,032,329	5,321,768
NONCURRENT LIABILITES Long-Term Debt, Net of Current Portion Net Pension Liability Other Long-Term Liabilities	19,655,534	20,405,590 243,859 30,000
Total Noncurrent Liabilities	19,675,534	20,679,449
Total Liabilities	26,707,863	26,001,217
DEFERRED INFLOWS OF RESOURCES Difference Between Projected and Actual Earnings CARES Act Provider Relief Funds	3,003,536	647,745 200,000
Total Deferred Inflows of Resources	3,003,536	847,745
NET POSITION Invested in Capital Assets Net of Related Debt Unrestricted	10,077,435 6,677,182	11,237,083 6,938,975
Total Net Position	16,754,617	18,176,058
Total Liabilities, Deferred Inflows of Resources and Net Position	\$ 46,466,016	\$ 45,025,020



- Still a pdf, but there is a (mostly) accepted format Self Checking
- HEMPHILL COUNTY HOSPITAL DISTRICT STATEMENT OF NET POSITION 2021 2022 (Restated) LIABILITIES. DEFERRED INFLOWS OF RESOURCES AND NET POSITION: **CURRENT LIABILITIES** Current Portion of Long-Term Debt 754,206 719,560 495,776 Accounts Payable 549,585 Accounts Payable - Nursing Home 4,038,172 2,591,879 Accrued Payroll, Benefits, and Related Liabilities 934,208 790.924 **Notes Payable** 63,341 52,706 Self Funded Health Insurance 192,818 77,995 **Estimated Third-Party Payor Settlements** 20,778 Other Accrued Liabilties 533,030 539,119 **Total Current Liabilities** 7,032,329 5,321,768 Sum for Row6 NONCURRENT LIABILITES Long-Term Debt, Net of Current Portion 19,655,534 20,405,590 **Net Pension Liability** 0 243,859 30,000 Other Long-Term Liabilities 20,000 **Total Noncurrent Liabilities** 20,679,449 Sum for Row16 19,675,534 **Total Liabilities** 26,707,863 26,001,217 Sum for Row5 **DEFERRED INFLOWS OF RESOURCES** Difference Between Projected and Actual Earnings 3.003.536 647,745 **CARES Act Provider Relief Funds** 0 200,000 **Total Deferred Inflows of Resources** 3,003,536 847,745 Sum for Row22 **NET POSITION** Invested in Capital Assets Net of Related Debt 10,077,435 11,237,083 Unrestricted 6,677,182 6,938,975 Total Net Position 16.754.617 18.176.058 Sum for Row26

Kittitas County
Public Hospital District No. 1
doing business as
Kittitas Valley Healthcare

Basic Financial Statements and Independent Auditors' Reports

December 31, 2022 and 2021

What You See:



What Is Inside

October 25-27, 2011

Pantone: 201u

Pantone: 7427u

Kittitas County

Public Hospital District No. 1

doing business as

Kittitas Valley Healthcare

Basic Financial Statements and

Independent Auditors' Reports

December 31, 2022 and 2021

Kittitas County Public Hospital District No. 1 doing business as Kittitas Valley Healthcare

Basic Financial Statements and Independent Auditors' Reports

December 31, 2022 and 2021



What Is Inside

October 25-27, 2011

Pantone: 201u

Pantone: 7427u

Kittitas County

Public Hospital District No. 1

doing business as

Kittitas Valley Healthcare

Basic Financial Statements and

Independent Auditors' Reports

December 31, 2022 and 2021



Basic Financial Statements and Independent Auditors' Reports

December 31, 2022 and 2021





What You See

HEMPHILL COUNTY HOSPITAL DISTRICT STATEMENT OF NET POSITION SEPTEMBER 30, 2022 AND 2021 LIABILITIES, DEFERRED INFLOWS OF RESOURCES

URRENT LIABILITIES
Current Portion of Long-Term Debt
Accounts Payable
Accounts Payable - Nursing Home
Accrued Payroll, Benefits, and Related Liabilities
Notes Payable
Self Funded Health Insurance
Estimated Third-Party Payor Settlements
Other Accrued Liabilties

AND NET POSITION:

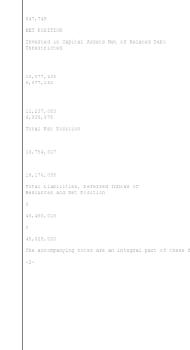
Total	Current	Liabilities	
1 Otai	Current	Liabilities	

Total Current Liabilities				
NONCURRENT LIABILITES Long-Term Debt, Net of Current Portion				
Net Pension Liability				
Other Long-Term Liabilities				
Total Noncurrent Liabilities				
Total Liabilities				

	2021	
2022	(Restated)	
\$ 754,206	\$ 719,560	
495,776	549,585	
4,038,172	2,591,879	
934,208	790,924	
63,341	52,706	
192,818	77,995	
20,778	-	
533,030	539,119	
7,032,329	5,321,768	
19,655,534	20,405,590	
-	243,859	
20,000	30,000	
19,675,534	20,679,449	
26,707,863	26,001,217	

What Is Inside





Suggestions

· Set standards for PDF creation tools

- · Standardize formats
 - First page of Offering Statement
 - Tables
 - Embed links to identities information

- Even with LLMs, nothing beats creating structured data
- Start with simple web-forms

Suggestions

· Set standards for PDF creation tools

- Standardize formats
 - First page of Offering Statement
 - Tables
 - Embed links to identities information

- · Even with LLMs, nothing beats creating structured data
- Start with simple web-forms