FILED
March 27, 2020
INDIANA UTILITY
REGULATORY COMMISSION

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

IN THE MATTER OF THE PETITION OF LMH)	CAUSE NO. 45307-U
UTILITIES, INC. FOR A NEW SCHEDULE OF)	CAUSE NO. 45307-U
RATES AND CHARGES.)	

PREFILED TESTIMONY

THOMAS W. MALAN-PUBLIC'S EXHIBIT NO. 1

ON BEHALF OF THE

INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR

March 27, 2020

Respectfully submitted,

Daniel M. Le Vay, Atty. No. 22184-49

Dail M. Z. Vag

Deputy Consumer Counselor

CERTIFICATE OF SERVICE

This is to certify that a copy of the foregoing *Office of Utility Consumer Counselor*Prefiled Testimony of Thomas W. Malan has been served upon the following counsel of record in the captioned proceeding by electronic service on March 27, 2020.

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TESTIMONY OF OUCC WITNESS THOMAS W. MALAN CAUSE NO. 45307-U LMH UTILITIES, INC.

I. <u>INTRODUCTION</u>

1	Ų.	riease State your name and business address.
2	A:	My name is Thomas W. Malan, and my business address is 115 W. Washington
3		St., Suite 1500 South, Indianapolis, IN 46204
4	Q:	By whom are you employed and in what capacity?
5	A:	I am employed by the Indiana Office of Utility Consumer Counselor ("OUCC") as
6		a Utility Analyst with the Water-Wastewater Division. My qualifications and
7		experience are set forth in Appendix A.
8	Q:	What is the purpose of your testimony?
9	A:	LMH Utilities, Inc. ("LMH" or "Applicant") filed an application with the Indiana
10		Utility Regulatory Commission ("Commission" or "IURC") under 170 IAC 14-1-
11		1 et al, the small utility rate filing statute (IC 8-1-2-61.5). In its revised application,
12		dated January 17, 2020, LMH requested an overall rate increase of 23.57%. I
13		present results of the OUCC's analysis of LMH's proposed rate increase and
14		sponsor the OUCC's rate schedules. The OUCC's analysis yields a proposed rate
15		increase of 2.49%. I discuss the OUCC's proposed revenue adjustment to reclassify
16		certain revenues recorded below-the-line to match these revenues with the
17		associated expenses. I discuss and support various OUCC operating expense
18		adjustments, including salaries and wages, employee benefits, reclassification of
19		costs that are capital in nature, capitalization of test year connection costs,

1		elimination of non-allowed expenses, insurance expense, rate case expense, IURC
2		fee, utility receipts taxes, and payroll taxes.
3	Q:	Describe the review and analysis you performed.
4	A:	I reviewed LMH's updated application dated January 17, 2020. I reviewed LMH's
5		2015, 2016, 2017, and 2018 IURC annual reports. I reviewed comments ratepayers
6		submitted to the OUCC. I prepared discovery questions and reviewed Applicant's
7		responses. I attended the field hearing held on February 13, 2020 at Bright
8		Elementary School.
9	Q:	Do you sponsor any attachments?
10	A:	Yes. They are as follows:
11		OUCC Attachment TWM 1 – LMH Utilities Inc. current Affiliate Labor Agreement
12		OUCC Attachment TWM 2 – Applicant's response to data request 8-20
13		OUCC Attachment TWM 3 – LMH Utilities Inc. Capitalization Policy
14		OUCC Attachment TWM 4 – Capital Expenditures
15 16		OUCC Attachment TWM 5 – Risse, Meiring and Company, Inc. CPA's Invoices for individual tax return preparation
17 18		OUCC Attachment TWM 6 – Applicant's Tax Cut and Jobs Act general ledger entries dated 12/28/2018
19		OUCC Attachment TWM 7 – 43431 to 45307 Comparison
20		OUCC Attachment TWM 8 – Applicant's Response to OUCC DRs 8-7 and 11-8
21		OUCC Attachment TWM 9 – NARUC description of Labor Expense
22		OUCC Attachment TWM 10 – Applicant's Response to OUCC DR 11-1
23		OUCC Attachment TWM 11 – IURC Fee Form

1	Q:	Do you sponsor any schedules?
2	A:	Yes. The following schedules reflect the issues addressed by OUCC testimony in
3		this Cause. These rate schedules are based on my review and analysis as well as the
4		review and analysis of other OUCC staff members.
5		Schedule 1 – Comparison of Overall Revenue Requirements (page 1)
6		Comparison of Gross Revenue Conversion Factor (page 2)
7		Comparison of Income Statement Adjustments (page 3)
8		Schedule 2 – Comparative Balance Sheet at December 31, 2016, 2017 and 2018
9		Schedule 3 – Comparative Income Statement for the twelve months ended
10		December 31, 2016, 2017 and 2018
10		2010, 2017 and 2010
11		Schedule 4 – <i>Pro Forma</i> Net Operating Income Statement
10		
12		Schedule 5 – OUCC Operating Expense Adjustments
13		Schedule 6 – Original Cost Rate Base
14		Schedule 7 – <i>Pro forma</i> Capital Structure

II. REVENUE REQUIREMENT

A. Overview of LMH's Case

15	Q:	What rate increase does LMH request?
16	A:	LMH's original application, dated October 16, 2019, requested a 94.26% rate
17		increase, which would have generated additional operating revenue of \$677,941.
18		However, on January 17, 2020, LMH filed a revised application, proposing a
19		23.57% rate increase to generate additional operating revenues of \$169,554.

What are the principal drivers of Applicant's need to apply for a rate increase? The principal drivers of LMH's need to apply for a rate increase are under-recovery of operating revenues and increased operating and maintenance expenses, which

are mitigated by decreased rate base, and decreased weighted cost of capital.

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Q:

A:

The rate base proposed by LMH in this case has decreased \$362,266 since its last rate case - Cause No. 43431. Weighted cost of capital has decreased from 9.43% to 8.43%. These changes result in a \$46,738 decrease to required net operating income. Operating revenues at current rates have decreased \$534,260 from the revenues authorized in Cause No. 43431 as adjusted by Cause No. 45032-S17. Operating and maintenance expenses have increased \$116,134 over pro forma operating expenses in Cause No. 43431 as adjusted by Cause No. 452032-S17, including increases to salaries and wages (\$71,731), purchased power (\$14,508), rent expense (\$6,000), insurance expense (\$19,689), bad debt expense (\$6,171), depreciation expense (\$50,748), and payroll taxes (\$5,615). These increases are offset by decreased employee benefits (\$6,660), sludge removal expense (\$54,503), contractual services – legal (\$15,337), rate case expense (\$11,331), miscellaneous expense (\$14,868), property taxes (\$21,981), and income taxes (\$57,388). See OUCC Attachment TWM-7 for the analysis of the revenue requirement approved in Cause No. 43431 and LMH's proposed revenue requirement in this case.

B. Overview of OUCC's Case

- 1 Q: What rate increase does the OUCC recommend?
- 2 A: The OUCC recommends a rate increase of 2.49% to produce an increase in
- 3 operating revenues of \$17,874 per year. Table 1 presents a comparison of LMH's
- 4 proposed revenue requirement with that proposed by the OUCC.

Table 1: Overall Revenue Requirement Comparison

			OUCC More
	LMH	OUCC	(Less)
Original Cost Rate Base	\$ 1,252,447	\$ 1,116,795	\$(135,652)
Times: Weighted Cost of Capital	8.4300%	6.7623%	-1.6677%
Net Operating Income Required	105,573	75,521	(30,052)
Less: Adjusted Net Operating Income	(17,901)	62,505	80,406
Net Revenue Increase Proposed	123,474	13,016	(110,458)
Gross Revenue Conversion Factor	137.32%	137.32%	0.00%
Recommended Revenue Increase	\$ 169,554	\$ 17,874	\$(151,680)
Recommended Percentage Increase	23.57%	2.49%	-21.08%

III. OPERATING REVENUES

A. LMH's Proposed Present Rate Operating Revenues

- 5 Q: What level of present rate operating revenues does LMH propose?
- 6 A: LMH proposed present rate *pro forma* operating revenues of \$720,920. This is an
- 7 increase of \$1,031 to LMH's test year operating revenues of \$719,889.
- 8 Q: Did LMH propose any operating revenue adjustments?
- 9 A: Yes. LMH proposed test year customer growth adjustments for (1) Residential
- Wastewater Sales and (2) Commercial Wastewater Sales, for a combined revenue
- 11 increase of \$1,031.

- 1 Q: Does the OUCC accept the applicant's adjustment to wastewater sales?
- 2 A: Yes.

B. OUCC Proposed Operating Revenues

3 Q: Does the OUCC agree with LMH's proposed present rate operating revenues

4 **of \$720,920?**

- 5 A: No. The OUCC proposes present rate operating revenues of \$746,753, which
- 6 includes the reclassification of \$25,833 of revenues recorded below-the-line.
- 7 Q: Why did the OUCC reclassify revenues recorded below-the line?
- 8 A: During the test year, LMH recorded jobbing and other revenues as non-utility
- 9 revenues below-the-line (Account 415). However, the expenses related to these
- revenues were not recorded below-the-line but instead are included in *pro forma*
- operating expenses included in LMH's revenue requirement in this case (OUCC
- 12 Attachment TWM-8). Because the expenses are reflected above-the-line, it was
- necessary to reclassify these jobbing revenues in order to match revenues and
- expenses and ensure these expenses are not recovered from ratepayers.

IV. OPERATING EXPENSES

- 15 Q: What level of operating expenses does LMH propose?
- 16 A: LMH proposed pro forma operating expenses of \$738,822. This is a decrease of
- \$1,746 to test year operating expenses of \$740,568.
- 18 Q: What operating expense adjustments did LMH propose?
- 19 A: LMH proposed several adjustments to operating expenses for a total decrease of
- 20 \$1,746 to test year operating expense, including salaries and wages, employee
- benefits, capitalization of expenses, insurance expense, rate case expense,

1		amortization of excess accumulated deferred income taxes, over-collections from
2		1/1/18 - 6/30/18 (Cause No. 450323-S17), property taxes, payroll taxes and income
3		taxes.
4 5	Q:	Does the OUCC accept any of LMH's proposed operating expense adjustments?
6	A:	Yes. The OUCC accepts several of LMH's proposed operating expense
7		adjustments including health insurance expense, purchased power expense,
8		miscellaneous expense, and property tax expense.
9	Q:	What level of operating expenses does the OUCC propose?
10	A:	The OUCC proposes <i>pro forma</i> operating expenses of \$684,248. This is a decrease
11		of \$56,321 to test year operating expenses. Table 2 presents a comparison of the
12		operating expense adjustments proposed by LMH to those proposed by the OUCC.

Table 2: Comparison of Operating Expense Adjustments

(572,43) \$	(126,321)	(847,1) \$	Total Operating Expenses	
<i>ttL</i> '01	(522,7)	(766,71)	Amortization of Excess ADIT	
53,546	715,6	Federal Income Tax (14,229)		
<i>L</i> † S '9	3,185	(3,362)	State Income Tax (3,362)	
395	(01)	(372)	Utility Receipts Tax	
-	(557)	(557)	Ргорену Тах	
(808)	(1,264)	(95L)	Payroll Tax	
			Taxes Other than Income:	
SLI'I	SLI'I	-	Amortization Expense - Software Training Cost	
(46,229)	(46,229)	-	Amortization Expense - CIAC	
(114,2)	(014,2)	I	Depreciation Expense	
52	104	6 <i>L</i>	IURC Fee	
(272,01)	-	10,272	Overcollections 1/1/18 - 6/30/18	
-	8	8	M iscellaneous Expense	
(116,311)	000'9	116,22	Rate Case Expense	
(908,2)	2,109	\$16'7	Insurance	
(000,1)	(000,1)		Contractual Services - Other	
(08)	(08)	-	Contractual Services - Accounting	
919Ԡ	(491,8)	(12,810)	Capitalization	
(3,210)	(3,210)	-	Materials and Supplies	
-	66	66	Purchased Power	
(78£,2)	(806,£1)	(612,8)	Employee Benefits	
(17,604)	177'9 \$	\$\$0,61 \$	Salaries and Wages	
			ожМ Ехрепse	
More (Less)	OUCC	HWT		
OUCC				

A. Salary and Wage Expense

- I G: Myat pro forma salary and wage expense does LMH propose?
- to salary and wage expense of \$237,575.

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- 4 Q: Do you accept LMH's adjustment to salary and wage expense?
- S A: No, I do not accept LMH's salary and wage adjustment for several reasons: (1) I
- disagree with the amount of pro forma salary and wage expense proposed by LMH,
- (2) I disagree with the amount of test year salary and wage expense included in the

LMH proposes pro forma salary and wage expense of \$256,620, a \$19,045 increase

1		calculation of this adjustment, and (3) I propose the capitalization of additional test
2		year connection costs.
3	Q: A:	What <i>pro forma</i> salary and wage expense do you propose? I propose <i>pro forma</i> salary and wage expense of \$250,900, a \$6,441 increase to test
5		year salary and wage expense of \$244,459 (OUCC Schedule 5, Adjustment No. 1)
6 7	Q:	Please explain your disagreement with LMH's <i>pro forma</i> salary and wage expense.
8	A:	LMH overstated the amount of salary for the "other manager" position. This
9		expense is allocated to LMH from an affiliate. Per the 2019 contract, the affiliate
10		will allocate \$800 per month to LMH for these labor costs. This should equa
11		\$9,600 (\$800 x 12) but LMH's Adjustment No. 6-1 reflects \$10,400 for this
12		position, an overstatement of \$800. (See OUCC Attachment TWM-1.)
13 14	Q:	Please explain your disagreement with LMH's test year salary and wage expense.
15	A:	The test year salary and wage expense of \$244,459 is understated because it does
	11.	
16	11.	not include all salary and wage expenses incurred during the test year. In
16 17	11.	
	11.	not include all salary and wage expenses incurred during the test year. In
17	11.	not include all salary and wage expenses incurred during the test year. In contravention of the NARUC Uniform System of Accounts, LMH reclassified
17 18		not include all salary and wage expenses incurred during the test year. In contravention of the NARUC Uniform System of Accounts, LMH reclassified some of its salary and wage expense to sludge hauling expense (\$5,466).
17 18 19		not include all salary and wage expenses incurred during the test year. In contravention of the NARUC Uniform System of Accounts, LMH reclassified some of its salary and wage expense to sludge hauling expense (\$5,466) transportation expense (\$458), and equipment expense (\$960). (See OUCC
17 18 19 20	Q:	not include all salary and wage expenses incurred during the test year. In contravention of the NARUC Uniform System of Accounts, LMH reclassified some of its salary and wage expense to sludge hauling expense (\$5,466), transportation expense (\$458), and equipment expense (\$960). (See OUCC Attachment TWM-9) Due to these reclassifications, LMH's test year salary and
17 18 19 20 21		not include all salary and wage expenses incurred during the test year. In contravention of the NARUC Uniform System of Accounts, LMH reclassified some of its salary and wage expense to sludge hauling expense (\$5,466), transportation expense (\$458), and equipment expense (\$960). (See OUCC Attachment TWM-9) Due to these reclassifications, LMH's test year salary and wage expense is understated by \$6,884.

1 wage expense used in the calculation of the OUCC's adjustment correctly reflected 2 the total amount of test year salary and wage expense. 3 Q: Please explain your capitalization of additional salary and wage expense for actual test year connection costs. 4 5 A: During the test year, LMH capitalized a portion of salary and wage expense to 6 reflect the labor costs included in its current tap fee charge (\$333). LMH completed 7 five (5) connections during the test year and capitalized \$1,665 of salary and wage 8 expense (\$333 x 5). As part of its request in this case, LMH requests an increase to 9 its tap fee from \$625 to \$2,135 to reflect the actual costs incurred to connect a 10 customer to its wastewater system. LMH has not increased its tap fee since at least 11 1993. I propose capitalizing the actual labor costs incurred to perform the five (5) 12 connections completed during the test year. To simplify the calculation of this 13 adjustment, I've included all labor related costs in this adjustment, including payroll 14 taxes, pensions, and insurance rather than making individual adjustments to each 15 expense category. The total adjustment is the same. 16 Q: Why is it necessary to make this adjustment? 17 A: If this adjustment is not made LMH will over-recover its labor costs because the

B. Employee Benefits

increased tap fee.

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- 20 Q: What *pro forma* employee benefit expense does LMH propose?
- 21 A: LMH proposes *pro forma* employee benefit expense of \$10,265, an \$8,219 decrease

same costs will be included in both LMH's revenue requirement and LMH's

22 to test year Employee Benefits expense of \$18,484. LMH's employee benefit

1		adjustment is composed of the elimination of employee health insurance benefits
2		and the provision of a 401(k) benefit.
3	Q:	Do you accept any part of LMH's adjustment to Employee Benefit Expense?
4	A:	Yes. I accept the adjustment to remove \$16,444 of health insurance expense from
5		the test year. In response to OUCC DR 8-20, LMH confirmed it no longer offers
6		health insurance to its employees. (See OUCC Attachment TWM-2.) However,
7		the OUCC does not accept the proposed adjustment to increase pension expense.
8	Q:	Why do you not accept LMH's adjustment to pension expense?
9	A:	LMH calculated its pro forma pension expense based on total pro forma payroll
10		assuming all employees would participate. However, only two employees took part
11		in the program in the test year and adjustment period - the General Manager and
12		the Office Manager.
13	Q:	What pro forma pension expense do you propose?
14	A:	I propose pro forma pension expense of \$4,878, a \$2,838 increase to test year
15		pension expense of \$2,040 (OUCC Schedule 5, Adjustment No. 2). I calculated
16		my pro forma pension expense of \$4,878 using the pro forma salaries of the
17		employees that participated in the 401(k) program during the test year and the
18		subsequent twelve (12) month adjustment period.

Employee Benefits - 401(k)

To reflect provision of 401(k) benefits to certain employees.

General Manager \$83,720 4.00% \$3,349 Office Manager 38,220 4.00% 1,529

> Pro forma 401(k) Expense \$4,878 Less: Test year 2,040

> > **Adjustment Increase (Decrease)**

\$2,838

C. Costs that are Non-recurring or Capital in Nature

1	0:	Does LMH 1	propose an ad	iustment to	non-recurring	test vear exp	enses?
_	\sim ·	D CCS LIVILLE	propose an aa	Justificite to	mon recurring	tobt your cap	CILDED

- 2 A: Yes. LMH removed \$12,810 from test year operating expense to account for three
- 3 test year expenditures it considered to be non-recurring.
- 4 Q: Do you accept LMH's proposed adjustment to non-recurring expenses?
- 5 A: Yes, in part. I agree with LMH's removal of the sludge press repair (\$4,650), but I
- 6 propose that this cost be capitalized and included in the OUCC's rate base
- 7 determination. LMH had not recognized this expense as capital.

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I disagree with LMH's removal of the transmission repair (\$4,894) from

9 test year operating expenses and have included \$4,894 in my *pro forma* operating

expenses. I also disagree with LMH's removal of the \$3,311 it describes as "prior

year labor." These are not prior year labor costs but rather test year labor costs that

of salary and wage expense above. 2 3 Q: Does the OUCC propose its own adjustment to *pro forma* operating expenses 4 for items that should have been capitalized? 5 A: Yes, In addition to the capitalization of the sludge press repair identified by LMH, 6 I recommend \$4,589 of additional test year expenses to be capitalized. Based on 7 Applicant's capitalization policy (\$2,500 capitalization threshold) (OUCC 8 Attachment TWM-3) and the OUCC's review of the test year general ledger there 9 are three items that should be capitalized. (See OUCC Attachment TWM-4.) These 10 transactions include two contractual services invoices related to customer 11 connections to the wastewater system (\$1,000) and \$3,589 for a replacement pump 12 (OUCC Schedule 5, Adjustment No. 3). All of these expenditures have been 13 removed from pro forma operating expenses and included in the OUCC's 14 calculation of rate base. 15 O: Do you propose capitalizing any other test year operating expenses? 16 A: Yes. Like my capitalization of salary and wage expense related to test year 17 connection costs, I propose the capitalization of additional materials and supplies 18 expenses. According to LMH's estimate of current connection costs, the average 19 materials and supplies costs are \$937 per connection. Multiplying \$937 by five (5) 20 connections yields total materials costs to be capitalized of \$4,685. During the test 21 year, LMH capitalized \$1,475 (\$298 x 5). Therefore, an additional \$3,210 (\$4,685 22 - \$1,475) of test year materials and supplies costs should be capitalized. (See OUCC 23 Schedule 5, Adjustment No. 4.)

were reclassified. I discuss the reclassification of these expenses in my discussion

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D. Contractual Services – Accounting

- 1 Q: What adjustment do you propose to Contractual Services - Accounting 2 expense? 3 A: I propose an \$850 reduction to test year contractual services – accounting expense 4 to remove two invoices for expenses that are not allowed for ratemaking purposes. 5 My adjustment removes two "Risse, Meiring and Company, Inc. CPA's" invoices. 6 (See OUCC Attachment TWM-5.) The information on these invoices indicate they 7 are for personal income tax preparation. Further, in response to OUCC discovery,
- 9 Attachment TWM-10.) This expense should not be borne by the ratepayers.

LMH stated these expenses related to shareholder "fringe benefits." (See OUCC

E. Liability Insurance Expense

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- 10 Q: What *pro forma* insurance expense does LMH propose?
- 11 A: LMH proposes *pro forma* insurance expense of \$31,479, which is a \$4,915 increase
- to test year insurance expense of \$26,564.
- 13 Q: Do you accept LMH's *pro forma* insurance expense proposal?
- A: While I do not disagree with the *pro forma* insurance expense proposed by LMH (\$31,479), I disagree that \$26,564 is test year insurance expense, which LMH included in its calculation of its adjustment. During the test year, LMH recorded inland marine insurance premiums to an equipment expense (Account #750.1) rather than to a liability insurance account. Therefore, test year insurance expense

is understated by \$2,806. Test year liability insurance expense should be \$29,370

20 (\$26,564 + \$2,806).

1 Q: How did you deal with this issue in your rate schedules? 2 A: I reclassified inland marine insurance expense from equipment expense to the 3 liability insurance line in the income statement (OUCC WP-1). In this way, the test 4 year liability insurance expense used in the calculation of the OUCC's adjustment 5 correctly reflected the total amount of test year liability insurance expense. 6 Q: What *pro forma* liability insurance expense do you propose? 7 A: I propose pro forma liability insurance expense of \$31,479, a \$2,109 increase to 8 test year liability insurance expense of \$29,370 (OUCC Schedule 5, Adj. No. 6). F. Rate Case Expense 9 Q: What *pro forma* rate case expense does LMH propose? 10 A: LMH proposes pro forma rate case expense of \$22,311. This is based on estimated 11 professional service expenses of \$30,000 associated with this rate application and 12 \$36,934 of costs associated with LMH's participation in the tax investigation 13 (Cause No. 45032-S17) for total costs of \$66,934. LMH proposed a three year 14 amortization period and calculated a yearly rate case expense of \$22,311 (\$66,934 15 / 3 years). 16 O: Do you accept LMH's adjustment for rate case expense? 17 A: No. While I do not disagree with LMH's estimate of costs associated with this rate 18 application, I disagree with LMH's inclusion of \$36,934 of costs incurred in Cause 19 No. 45032-S17. I also disagree with LMH's amortization period. 20 Q: Why do you disagree with the recovery of costs incurred in the tax 21 investigation? 22 A: First, LMH provided no support for the reasonableness of the costs it incurred in

the tax investigation case. Moreover, LMH would have had to incur a portion of

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1 those costs even if there had been no tax investigation by the Commission. LMH 2 would still have needed to calculate the amount of excess accumulated deferred 3 income taxes as well as the amortization period to be used for IRS purposes. 4 Further, LMH took the position that it had no excess accumulated deferred income 5 taxes to be returned to its customers and litigated this position. LMH did not prevail 6 on that issue. That position would only benefit shareholders to the detriment of 7 ratepayers. Ratepayers should not be required to bear this investigation expense. I 8 recommend no recovery be allowed for these non-rate case costs. 9 O: What amortization period do you propose for the rate case costs? 10 A: I propose the use of a five (5) year amortization period. Historically, LMH has not 11 requested rate cases often. It has been nearly thirteen (13) years since LMH's last 12 rate case. I consider a five (5) year amortization to be more reasonable estimate of 13 the life of the rates in this case than the three (3) years proposed by LMH. 14 Q: What rate case expense do you propose? 15 A: I propose an annual rate case expense of \$6,000. As discussed above, I accept 16 LMH's \$30,000 estimate for rate case costs. Dividing this amount by five (5) years 17 yields a \$6,000 expense (30,000 / 5).

G. IURC Fee

- 18 Q: What *pro forma* IURC Fee does LMH propose?
- 19 A: LMH proposes *pro forma* IURC fees of \$935, a \$79 increase to test year expense of \$856.

1	Q:	Do you accept LMH's proposed <i>pro forma</i> IURC Fee expense?
2	A:	No. While I generally accept LMH's methodology for calculating its pro forma
3		IURC fee expense, due to the difference in our present rate proposed revenues, the
4		amount of IURC fees we calculate will necessarily be different.
5	Q:	How does your calculation of IURC fees differ from LMH's?
6	A:	I reduced the operating revenues subject to the fee by the amount of bad debt
7		expense as allowed in the Commission's IURC fee form (OUCC Attachment
8		TWM-11).
9	Q:	What pro forma IURC fee do you propose?
10	A:	I propose pro forma IURC fees of \$960, a \$104 increase to test year IURC fees of
11		\$856 (OUCC Schedule 5, Adjustment No. 8).
	н. <u>т</u>	CJA Revenue Over-collection
12 13	Q:	Does LMH propose an expense adjustment to account for the over-collection of revenues due to the decrease in the federal income tax rate?
14	A:	Yes, LMH proposes a \$10,272 increase to expense to account for the additional
15		revenue that was collected during the period January through June of 2018 due to
16		a tax reduction under the Tax Cut and Jobs Act ("TCJA") (Cause No. 45032-S17).
17	Q:	Do you accept LMH's adjustment for revenue over collection?
18	A:	No. These over-collected sewer revenues were passed back to customers with one
19		bill credit in December 2018. There are four general ledger entries on December
20		28, 2018 (OUCC Attachment TWM-6) that reflect the credit by customer class.
21		Therefore, an adjustment is not needed because the revenues have already been

revenues. Furthermore, if an adjustment were needed, a reduction to expense is not
the proper method to account for an over collection of revenue.

I. Payroll Tax

- 3 Q: What *pro forma* payroll tax does LMH propose?
- 4 A: LMH proposes pro forma payroll tax of \$19,631, a \$756 decrease to test year
- 5 payroll tax expense of \$20,387.
- 6 Q: Do you accept LMH's payroll tax expense adjustment?
- 7 A: No. The differences in the *pro forma* salary and wage expense proposed by LMH
- 8 and the OUCC cause *pro forma* payroll tax to also be different. Further, LMH's
- 9 calculation is based on an incorrect test year payroll tax expense amount.
- 10 Q: Please explain why the test year payroll tax expense is not correct.
- 11 A: The test year payroll tax expense of \$20,387 included in LMH's calculation of its
- payroll tax expense adjustment does not tie to the trial balance or general ledger
- provided by LMH. The actual expense is \$20,834, a difference of \$447.
- 14 Q: What *pro forma* payroll tax expense do you propose?
- 15 A: I propose *pro forma* payroll taxes expense of \$19,570 based on my *pro forma* salary
- and wage expense (before capitalization of connection cost labor), a \$1,264
- decrease to test year payroll tax expense of \$20,834. I use the *pro forma* payroll of
- \$255,820 as calculated in Adjustment 1 and multiplied that amount by the current
- 19 FICA rate of 7.65% to produce a pro forma FICA expense of \$19,570. I then
- 20 reduced *pro forma* payroll tax expense of \$19,570 by test year payroll tax expense
- of \$20,834 to arrive at a \$1,264 decrease to payroll tax expense (OUCC Schedule
- 22 5, Adjustment No. 12).

J. Utility Receipts Tax

1 Q: What *pro forma* utility receipts tax expense does LMH propose? 2 LMH proposes pro forma utility receipts tax expenses of \$9,992, a reduction of A: 3 \$372 to test year utility receipts tax expense of \$10,364. LMH based this 4 adjustment on Operating Revenue of \$720,920 reduced by bad debt expense 5 (\$6,171) and an Indiana exemption (\$1,000) to produce taxable Operating 6 Revenues of \$713,749. Taxable operating revenues is then multiplied by the Utility 7 receipts tax rate to produce pro forma Utility receipt tax expense of \$9,992 8 (\$713,749 * 1.4%). 9 Q: Do you accept LMH's pro forma utility receipts tax expense? 10 A: No. The OUCC proposes different operating revenues and, therefore, its *pro forma* 11 utility receipts tax expense will differ from LMH's proposal. 12 Q: What *pro forma* utility receipts tax expense do you propose? 13 A: I propose pro forma utility receipts tax expense of \$10,354, a \$10 decrease to test 14 year utility receipts tax expense of \$10,364. My calculation of utility receipts tax 15 expense is similar to LMH's but my calculation is based on taxable operating

V. RECOMMENDATIONS

- 17 Q: Please summarize your recommendations to the Commission.
- 18 A: I recommend the Commission authorize a rate increase of 2.49 % yielding an additional \$17,874 in operating revenues.
- 20 **Q:** Does this conclude your testimony?

revenues of \$739,582.

21 A: Yes.

16

APPENDIX A - QUALIFICATIONS

I	Q:	Please describe your educational experience.
2	A:	In December of 2002 I received a Bachelor's degree in Business Administration
3		focusing in Accounting from Indiana University Kelley School of Business. In
4		December of 2012 I received my Master of Science in Accounting from Indiana
5		University Kelley School of Business, Indianapolis Indiana.
6 7	Q: A:	Please describe your professional experience. I was hired as a Utility Analyst in Water / Wastewater division of the OUCC on
8		April 30, 2018. Prior to being hired by the OUCC, I was the controller of All Trades
9		Staffing. I have over fifteen years of accounting experience. I worked for several
10		years as a Financial Analyst in the insurance and healthcare industries. I have
11		participated in conferences and seminars regarding utility regulation, rate making
12		and financial issues. I have completed the National Association of Regulatory
13		Utility Commissioners (NARUC) Eastern Utility Rate School. I also regularly
14		attend the National Association of State Utility Consumer Advocates (NASUCA)
15		Accounting and Tax committee monthly meetings. In August of 2019 I completed
16		the Annual Regulatory Studies Program from the Institute of Public Utilities at
17		Michigan State University.
18 19	Q:	Have you previously testified before the Indiana Utility Regulatory Commission?
20	A:	Yes, I have testified before the Indiana Utility Regulatory Commission.

APPENDIX B - INVESTOR OWNED RATE MAKING DESIGN

Q: How are rates determined for an investor-owned utility?

Q:

A:

A:

Rates for an investor-owned utility are designed to allow the utility an opportunity to earn a reasonable return for its shareholders on its investment in utility plant. The actual earned return for a utility can and will vary depending upon factors both within a utility's control (e.g. effective utility management) and outside of a utility's control (e.g. weather, environmental laws). A utility's revenue requirement is the estimated amount of net income deemed necessary to provide this opportunity for a reasonable return. The revenue requirement for an investor-owned utility is equal to its investment in utility plant multiplied by its weighted average cost of capital.

What is the first step in determining investor-owned utility rates?

The first step in setting rates for an investor-owned utility is to determine the utility's investment in used and useful utility plant or "rate base." A utility's rate base includes the value of utility plant used to provide utility service to customers, (e.g. treatment plant, mains, lift stations, pumps, vehicles, and other equipment), net of accumulated depreciation and contributions-in-aid of construction. Rate base also includes investments in inventory and working capital. Finally, a utility's rate base might include IURC approved acquisition adjustments and regulatory assets.

Contributions-in-aid of construction include cash payments to the utility as well as contributions in-kind from developers and other customers. Cash contributions generally include system development charges and connection fees.

Contributions in-kind for a wastewater utility generally include customer service lines, collection mains, and lift stations. Contributions-in-aid of construction reduce the amount of utility plant included in rate base reducing the return.

What is the next step in determining investor-owned utility rates?

A:

Q:

A:

The next step is to determine the utility's weighted average cost of capital. The weighted average cost of capital is based on the utility's capital structure. The capital structure describes the utility's sources of capital for its investments. The sources include equity, long-term debt, customer deposits, and deferred income taxes. The capital structure is weighted by each source's *pro rata* share of total capital. While the cost of most sources of capital is fairly straight forward, the cost of *equity* is depends on many weighted factors and is often a contested issue.

Q: Once the net income necessary for a utility to earn a reasonable return on its investment is determined, how is the rate increase determined?

In order to determine the rate increase necessary to provide the reasonable return, the current net operating income being earned by the utility needs to be calculated. This amount is determined based on the utility's current rates and the test year chosen by the utility. Test year revenues and expenses are then adjusted to include changes that are fixed within the time period (12 months from the end of the test year), known to occur, and measurable in amount. Subtracting this adjusted net operating income from the income necessary to earn a reasonable return on rate base (as discussed above), yields the dollar amount of the increase (or decrease) needed. This increase (or decrease) is then "grossed up" to include additional taxes and fees related to the increased (or decreased) revenue. This process is illustrated on OUCC Schedule 1, page 1, attached to this testimony. Finally, the dollar increase

1	(or decrease) determined above is allocated to each customer class to determine the
2	rates to be charged. This allocation may be accomplished through a class cost of
3	service study that determines the costs to serve each customer class or as simple as
4	an across-the-board rate increase wherein the overall percentage increase necessary
5	is applied to all customer classes equally.

Comparison of Petitioner's and OUCC's Revenue Requirements

	Per Applicant	Per OUCC	Sch Ref	OUCC More (Less)
Original Cost rate Base	\$ 1,252,447	\$ 1,116,795	6	\$ (135,652)
Times: Weighted Cost of Capital	8.4300%	6.7623%	7	-1.6677%
Net Operating Income Required for	105,573	75,521		(30,052)
Return on Original Cost Rate base				
Less: Adjusted Net Operating income	(17,901)	62,505	4	80,406
Net Revenue Increase Required	123,474	13,016		(110,458)
Gross Revenue Conversion Factor	137.3200%	137.3200%	1	0.00%
Recommended Revenue Increase	\$ 169,554	17,874		\$ (151,680)
Recommended Percentage Increase	23.57%	2.49%		-21.08%

	Proposed			Proposed		OUCC
Current Rate for 5,000 Gallons	Pe	titioner		OUCC	Mo	ore (Less)
Current Rate = \$44.86	\$	55.43	\$	45.98	\$	(9.45)

Gross Revenue Conversion Factor

		Per Applicant	Per OUCC		
1	Gross revenue Change	100.0000%	100.0000%	\$	17,874
2	Less: Bad Debt Rate	0.8572%	0.8572%		153
3	Sub-total	99.1428%	99.1428%		
4	Less: IURC Fee	0.1285295%	0.1285295%		23
5	Income Before State Income taxes	99.0142705%	99.0142705%		
6	Less: State Income Tax (5.5% of Line 5)	5.4458%	5.445785%		973
7	Utility Receipts Tax (1.4% of Line 3)	1.3880%	1.387999%		248
8	Income before Federal income Taxes	92.1805%	92.180487%		
9	Less: Federal income Tax (21% of Line 8)	19.3579%	19.357902%		3,461
10	Change in Operating Income	72.8226%	72.822585%	_	13,016
11	Gross Revenue Conversion Factor	137.3200%	137.3200%		

Reconciliation of Net Operating Income Statement Adjustments *Pro-forma* Present Rates

	Per Applicant	Per OUCC	OUCC More (Less)
Operating Revenues			
Wastewater Sales	\$ 1,031	\$ 1,031	\$ -
Other Wastewater Revenues	-	25,833	25,833
Total Operating Revenues	1,031	26,864	25,833
O&M Expense			
Salaries and Wages	19,045	6,441	(12,604)
Employee Benefits	(8,219)	(13,606)	(5,387)
Purchased Power	99	99	-
Materials and Supplies	-	(3,210)	(3,210)
Capitalization	(12,810)	(8,194)	4,616
Contractual Services - Accounting	-	(850)	(850)
Contractual Services - Other		(1,000)	(1,000)
Insurance	4,915	2,109	(2,806)
Rate Case Expense	22,311	6,000	(16,311)
Miscellaneous Expense	8	8	-
Over-collections 1/1/18 - 6/30/18	10,272	-	(10,272)
IURC Fee	79	104	25
Depreciation Expense	1	(2,410)	(2,411)
Amortization Expense - CIAC	-	(46,229)	(46,229)
Amortization Expense - Software Training Costs	-	1,175	1,175
Taxes Other than Income:			
Payroll Tax	(756)	(1,264)	(508)
Property Tax	(733)	(733)	-
Utility Receipts Tax	(372)	(10)	362
State Income Tax	(3,362)	3,185	6,547
Federal Income Tax	(14,229)	9,317	23,546
Amortization of Excess ADIT	(17,997)	(7,253)	10,744
Total Operating Expenses	(1,748)	(56,321)	(54,573)
Net Operating Income	\$ 2,779	\$ 83,185	\$ 80,406

COMPARATIVE BALANCE SHEET As of 12/31,

<u>ASSETS</u>	2018	2018 2017	
Utility Plant:			
Utility Plant in Service	\$ 8,221,938	\$ 8,177,945	\$ 8,044,989
Construction Work in Progress			
Less: Accumulated Depreciation	(3,984,678)	(3,780,655)	(3,577,731)
Net Utility Plant in Service	4,237,260	4,397,290	4,467,258
Restricted Assets:			
Debt Service Fund			
Special Funds	51,970	36,609	15,430
Debt Service Reserve			
Total Restricted Assets	51,970	36,609	15,430
Current Assets:			
Cash and Cash Equivalents	120,529	154,332	102,583
Accounts Receivable Less Allowance	12,117	30,718	33,383
Accounts Receivable from Associated Entiti	69,000	154,078	154,078
Materials and Supplies			
Prepaids			
Other Current Assets			
Total Current Assets	201,646	339,128	290,044
Deferred Debits			
Bond Issuance Costs, net			
Deferred Rate Case Expense	36,934		
Total Deferred Debits	36,934		-
Total Assets	\$ 4,527,810	\$ 4,773,027	\$ 4,772,732

COMPARATIVE BALANCE SHEET As of 12/31,

<u>LIABILITIES</u>	2018	2017	2016	
Equity				
Common Stock Issued	\$ 1,000	\$ 1,000	\$ 1,000	
Other Paid in Capital	1,659,309	1,659,309	1,659,309	
Retained Earnings	(61,765)	30,450	66,595	
Total Equity	1,598,544	1,690,759	1,726,904	
Contributions in Aid of Construction	4,450,742	4,432,355	4,310,798	
Amortization of CIAC	2,008,992	1,897,723	1,786,914	
Net Contributions in Aid of Construction	2,441,750	2,534,632	2,523,884	
Long-term Debt				
Other Long-Term Debt	404,180	460,665	480,049	
Lease Payable				
Total Long-term Debt	404,180	460,665	480,049	
Current Liabilities	1.054			
Accounts Payable	1,074			
Current Portion of Long-term Debt				
Accrued Wages				
Accrued Taxes	210	2,406	336	
Accrued Interest	1,351	1,464	1,559	
Other Current Liabilities	2,635	3,870	1,895	
Deferred Credits				
Advances for Construction	80,701	83,101	40,000	
Total Deferred Credits	80,701	83,101	40,000	
Total Liabilities	\$ 4,527,810	\$ 4,773,027	\$ 4,772,732	
Total Elacilities	Ψ 1,021,010	Ψ 1,113,021	Ψ 1,112,132	

COMPARATIVE INCOME STATEMENT Twelve Months Ended 12/31,

	2018	2017	2016
Operating Revenues	D T 12 ((2)		
Wastewater Sales	\$ 713,662	\$ 716,216	\$ 709,246
Revenues from Other Systems	1,060	1,212	373
Sale of Sludge	616	3,838	3,686
Late Fees	4,551	5,876	6,396
Other Wastewater Revenue	25,833	250	550
Total Operating Revenues	745,722	727,392	720,251
Operating Expenses			
Salaries and Wages	244,459	240,266	288,036
Employee Benefits	18,484	16,184	
Sludge Removal Expense	38,801	27,973	28,388
Purchased Power	78,938	75,282	76,341
Chemicals	9,570	10,072	11,975
Materials and Supplies	53,370	47,193	32,347
Contractual Services - Accounting	10,145	10,635	10,915
Contractual Services - Legal	28	,	1,129
Contractual Services - Other	25,399	14,228	9,000
Rental of Building / Real Property	6,000	6,000	6,000
Transportation Expense	30,659	14,487	14,249
Insurance - Vehicle	6,820	5,948	5,199
Insurance - General Liability	18,453	14,766	16,208
Insurance - Workman's Compensation	4,097	6,906	6,497
Insurance - Other	-	2,097	-
Bad Debt Expense	6,171	1,907	1,206
Rate Case Expense Amortization	-	-	-
IDEM Fees	2,200	948	_
IURC Fee	856	-	_
Miscellaneous Expense	12,663	21,362	18,860
Total O&M Expense	567,113	516,254	526,350
Daniel dies Frances	55 277	02.115	01.920
Depreciation Expense	55,277	92,115	91,830
Amortization Expense - CIAC	37,478		
Taxes Other than Income:	20.024	20 522	22.000
Payroll Tax	20,834	20,722	23,000
Property Tax	49,503	48,003	47,746
Utility Receipts Tax	10,364		10,167
Income Taxes:			
State Income Tax	-	0.425	
Federal Income Tax	740.560	9,425	(00,002
Total Operating Expenses	740,569	686,519	699,093
Net Operating Income	5,153	40,873	21,158
Other Income (Expense)			
Revenues from Merch., Jobbing, & Contract	_	21,519	_
Interest Income	150	50	_
Gain (Loss) on Sale of Assets	-	-	10,200
Nonutiity Income	6,462	6,702	-
Miscellaneous Nonutility Expenses	(6,041)	(1,295)	-
Interest Expense	(28,069)	(30,523)	-
Total Other Income (Expense)	(27,498)	$\frac{(30,323)}{(3,547)}$	10,200
Net Income	\$ (22,345)	\$ 37,326	\$ 31,358
·=== = =====	+ (==,5 15)	- 2,,520	- 21,000

ADJUSTED TEST YEAR INCOME STATEMENT

	Test Year	Adjustments		djusted
Operating Revenues				
Wastewater Sales	713,662			\$ 713,662
Revenues from Other Systems	1,060			1,060
Sludge Hauling Revenue	616			616
Late Fees	4,551		(4)	4,551
Other Wastewater Revenue		25,833	(1)	 25,833
Total Operating Revenues	719,889	25,833		 745,722
Operating Expenses				
Salaries and Wages	237,575	6,884	(2)	244,459
Employee Benefits	18,484			18,484
Sludge Removal Expense	44,267	(5,466)	(2)	38,801
Purchased Power	78,938			78,938
Chemicals	9,570			9,570
Materials and Supplies	53,370			53,370
Contractual Services - Accounting	10,145			10,145
Contractual Services - Legal	28			28
Contractual Services - Other	25,399			25,399
Rental of Building / Real Property	6,000			6,000
Transportation Expense	34,883	(1,418)	(2)	30,659
		(2,806)	(5)	
Insurance - Vehicle	6,820			6,820
Insurance - General Liability	15,647	2,806	(5)	18,453
Insurance - Workman's Compensation	4,097			4,097
Bad Debt Expense	6,171			6,171
Rate Case Expense Amortization	-			-
IDEM Fees	3,056	(856)	(3)	2,200
IURC Fee	-	856	(3)	856
Miscellaneous Expense	12,663			12,663
Total O&M Expense	567,113	-		567,113
Depreciation Expense	92,754	(37,477)	(4)	55,277
Amortization Expense - CIAC	-	37,478	(4)	37,478
Taxes Other than Income:				
Payroll Tax	20,834			20,834
Property Tax	49,503			49,503
Utility Receipts Tax	10,364			10,364
Income Taxes:				
State Income Tax	-			-
Federal Income Tax				
Total Operating Expenses	740,568	1		 740,569
Net Operating Income	(20,679)	25,832		5,153
Other Income (Expense)				
Revenues from Merch., Jobbing, & Contract	25,833	(25,833)	(1)	-
Interest Income	150			150
Nonutiity Income	6,462			6,462
Miscellaneous Nonutility Expenses	(6,041)			(6,041)
Interest Expense	(28,069)			 (28,069)
Total Other Income (Expense)	(1,665)	(25,833)		 (27,498)
Net Income	(22,344)	\$ (1)		\$ (22,345)

ADJUSTED TEST YEAR INCOME STATEMENT

Adjustment No. 1

To reclassify revenues recorded below the line to Account No. 415 - Rev. Jobbing, Contract Work. The expenses related to this revenue are included above the line.

	_	Debit	Credit
Other Wastewater Revenues			25,833
Revenues from Merch., Jobbing, & Contract	415	25,833	

Adjustment No. 2

To reclassify salary and wage expense incorrectly recorded to other operating expense accounts.

		Debit	Credit
Salary and Wage Expense	701	6,884	
Sludge Hauling Expense	712		5,466
Transportation Expense	750		458
Equipment Expense	750		960

Adjustment No. 3

To reclassify IURC Fees to a separate line within the income statement and separate from IDEM fees recorded as "regulatory expense."

		Debit	Credit
IURC Fee Expense	765	856	
Regulatory Commission Expense - Other			856

Adjustment No. 4

To reflect the amortization of CIAC separately from depreciation expense on the income statement.

		Debit	Credit
Depreciation Expense	403		37,477
Amortization of CIAC	403	37,477	

Adjustment No. 5

To reclassify test year insurance expense.

	_	Debit	Credit
Insurance Expense	757	2,806	
Equipment Expense	750.1		2,806

Pro-forma Net Operating Income Statement

	Year			Pro-forma			Pro-Forma
	Ended		Sch	Present		Sch	Proposed
	12/31/2018	Adjustments	Ref	Rates	Adjustments	Ref	Rates
Operating Revenues							
Wastewater Sales	\$ 713,662	1,031	APP	\$ 714,693	\$ 17,735		\$ 732,428
Revenues from Other Systems	1,060			1,060	26		1,086
Sludge Hauling Revenue	616			616			616
Late Fees	4,551			4,551	113		4,664
Other Wastewater Revenues	25,833			25,833			25,833
Total Operating Revenues	745,722	1,031		746,753	17,874	1	764,627
O&M Expense							
Salaries and Wages	244,459	6,441	5-1	250,900			250,900
Employee Benefits	18,484	(16,444)	APP	4,878			4,878
	,	2,838	5-2	1,010			1,070
Sludge Removal Expense	38,801	_,		38,801			38,801
Purchased Power	78,938	99	APP	79,037			79,037
Chemicals	9,570			9,570			9,570
Materials and Supplies	53,370	(8,194)	5-3	41,966			41,966
Waterials and Supplies	33,370	(3,210)	5-4	11,500			11,500
Contractual Services - Accounting	10,145	(850)	5-5	9,295			9,295
Contractual Services - Legal	28	(020)	5 5	28			28
Contractual Services - Other	25,399	(1,000)	5-3	24,399			24,399
Rental of Building / Real Property	6,000	(1,000)	3 3	6,000			6,000
Transportation Expense	30,659	_		30,659			30,659
Insurance	29,370	2,109	5-6	31,479			31,479
Bad Debt Expense	6,171	2,100	3 0	6,171	153	1	6,324
Rate Case Expense	0,171	6,000	5-7	6,000	133	1	6,000
Regulatory Commission Expense - Other	2,200	0,000	5-1	2,200			2,200
IURC Fee	856	104	5-8	960	23	1	983
Miscellaneous Expense	12,663	8	APP	12,671	23	1	12,671
Miscenaneous Expense	12,003	0	AII	12,071			12,071
Depreciation Expense	55,277	(2,410)	5-9	52,867			52,867
Amortization Expense	37,478	(46,229)	5-10	(7,576)			(7,576)
Amortization of Software Training Costs		1,175	5-11				
Taxes Other than Income:							
Payroll Tax	20,834	(1,264)	5-12	19,570			19,570
Property Tax	49,503	(733)	APP	48,770			48,770
Utility Receipts Tax	10,364	(10)	5-13	10,354	248	1	10,602
Income Taxes:							
State Income Tax	-	3,185	5-15	3,185	973	1	4,158
Federal Income Tax	_	9,317	5-14	9,317	3,461	1	12,778
Amortization of Excess ADIT		(7,253)	5-16	(7,253)	-	-	(7,253)
Total Operating Expenses	740,569	(56,321)	. 10	684,248	4,858		689,106
Net Operating Income	\$ 5,153	57,352		\$ 62,505	\$ 13,016		75,521

OUCC Expense Adjustments

(1) Salary & Wage Adjustment

To increase salary and wage expense to reflect approved 2019 wage increase and to reflect the capitalization of actual connection costs.

				Proposed	
	Proposed	Affiliate	Regular	Hourly	
Employee Title	<u>Salary</u>	Reimburse	Hours	Wage	<u>Total</u>
General Manager	83,720				83,720
Office	80,220	(42,000)			38,220
Supervisor	52,000				52,000
Other Manager	9,600				9,600
Field Staff			2,080	19.50	40,560
Office Staff			2,080	15.25	31,720
	Pro forma Salaries and Wages				255,820
	Less: Tap Fee Capitalized Labo	r			(4,920)
	Net Salaries and Wages				250,900
	Less: Test Year Labor Expense				244,459

Adjustment Increase (Decrease)

6,441

NOTE: Test year labor expense has been reduced by \$1,665 of tap fee capitalized labor (5 x 333).

Tap Fee Labor:

		Force Main (80%)			Gravity Main (20%)			Total Average			
	I	Ir Rate	Hours	\$	I	Ir Rate	Hours	\$	# of Taps]	Labor
Administrative	\$	106.00	1	106.00	\$	106.00	1	106.00	5	\$	530
Field Labor	\$	37.50	23	862.50	\$	37.50	25	937.50	5		4,390
				968.50				1,043.50		\$	4,920

(2) Employee Benefits - 401(k)

To reflect provision of 401(k) benefits to certain employees.

General Manager	\$ 83,720	4.00%	\$ 3,349	
Office Manager	38,220	4.00%	1,529	
Pro forma 401(k) Expense				\$ 4,878
Less: Test year				2,040

Adjustment Increase (Decrease)

2,838

(3,210)

LMH Utilities, Inc. CAUSE NUMBER 45307-U

OUCC Expense Adjustments

(3)

Capital / Non Recurring Expenditures

To remove costs that are capital in nature or non-recurring.

Account	Account Description	Date Trans Description	Amount	
Contractu	ıal Services Other			
736.2	Contr Serv-Coll Exp-Main	10/9/2018 HIRT & ELLCO, INC - ralles tap 23041 hartland court	500	
736.2	Contr Serv-Coll Exp-Main	10/9/2018 HIRT & ELLCO, INC - ryan 732 white ridge tap	500	
				\$ (1,000)
Materials	and Supplies:			
720.4	Pump Exp Maintenance	11/13/2018 HESS ELECTRIC MOTOR SERVICE - Zoeller M#F6223-A	3,589	
		15 HP 230V 3 PHASE PUMP S#15190		
720.4	Pump Exp Maintenance	MSD ENVIRONMENTAL SERVICES, IN	4,605	
				(8,194)
			•	
		Adjustment Increase (Decrease)		\$ (9,194)

Note: the MSD Environmental Services transaction is an adjustment proposed by LMH.

(4) **Tap Fee Materials Capitalization**

To capitalize the actual test year cost of tap fee materials and supplies.

	Force (80%)	Gravity (20%)		
Equipment Costs	690.00	690.00	690.00	
Materials Costs	249.00	239.00	247.00	
Pro forma Connection Cost	939.00	929.00	937.00	
Times: 5 Test Year Connections		_	5	
Test Year Connection Costs				4,685.00
Less: Test Year Connection Costs Capitaliz	zed			(1,475.00)

Adjustment Increase (Decrease)

Contractual Services - Accounting

To remove non-allowed Contractual Services - Accounting

Acct / Description	<u>Date</u>	Transaction Description		
732 - Cont Serv Acct	9/5/18	RISSE, MEIRING & COMPANY, INC 2017 jct	425.00	
732 - Cont Serv Acct	9/5/18	RISSE, MEIRING & COMPANY, INC 2017 jtt	425.00	
		Adjustment Increase (Decrease)	_\$	(850)

OUCC Expense Adjustments

	-	
•	h	

Insurance Expense

To adjust test year insurance expense to reflect changes in insurance premiums.

Commercial - Auto	\$ 7,135.00	
Property	14,815	
General Liability	1,628	
Inland Marine	2,739	
Cyber Risk	274	
Terrorism	159	
Workers Compensation	4,729	
Pro forma Insurance Expense		31,479
Less: Test Year insurance expense		29,370

Adjustment Increase (Decrease)

2,109

(7)

Rate Case Expense

To adjust test year operating expense to include costs associated with this filing.

Applicant's estimate of rate case expense for this filing	\$ 30,000
Divided by: Expected Life of Rates	5
Pro Forma Annual Rate Case Expense	6,000
Less: Test Year Rate Case Expense	-

Adjustment Increase (Decrease)

6,000

(8) IURC Fee

To adjust expenses to include the IURC fee

Pro Forma Present Rate Operating Revenues	\$ 746,753		
Less: Bad Debt Expense	 (6,171)	_	
Taxable Operating Revenues		\$	740,582
Times: Current IURC Fee		0.12	2964080%
Pro Forma IURC Fees			960
Less: Test Year IURC Fee			856

Adjustment Increase (Decrease)

104

(9)

Depreciation Expense

To adjust test year depreciation expense for adjustments to utility plant in service (Schedule 6).

Gross Utility Plant in Service at 12/31/2018	\$ 2,175,688
Less: Land and Land Rights	(61,000)
Depreciable Utility Plant	2,114,688
Times: IURC Composite Rate	2.50%
Pro Forma Depreciation Expense	52,867
Less: Test Year Depreciation Expense	(55,277)

Adjustment Increase (Decrease)

(2,410)

(10)

LMH Utilities, Inc. CAUSE NUMBER 45307-U

OUCC Expense Adjustments

(10)

CIAC Amortization

To adjust test year amortization of CIAC for adjustments to utility plant in service (Schedule 6). Contributions in aid of Construction at 12/31/18 \$ (4,450,742) 4,100,720 Less: CIAC Associated with Disallowed UPIS Depreciable Utility Plant (350,022)Times: IURC Composite Rate 2.50% Pro Forma CIAC Amortization (8,751)Less: Test Year CIAC Amortization (37,478)Adjustment Increase (Decrease) (46,229)(11)**Amortization of Software Training Costs** To amortize software training costs over the life of the rates in this Cause. Software Training Costs (Attachment MAS-X) 5,875 Divided by: 5 Years 5 Adjustment Increase (Decrease) 1,175 (12)Payroll Tax To adjust test year payroll taxes to reflect pro forma adjustments in Adjustment 6-1 Pro forma Payroll 255,820 Times: FICA and Medicare Tax Rate 7.65% Pro forma Payroll Tax Expense 19,570 Less: Test Year Payroll Tax Expense 20,834 Adjustment Increase (Decrease) (1,264)(13)**Utility Receipts Tax** to adjust test year utility receipts tax for pro forma present rate revenues. Pro forma Present Rate Revenues 746,753 Less: Deduction (1,000)Bad Debt Expense (6,171)Net Taxable Revenues 739,582 Times: URT Rate 1.40% Pro forma Utility Receipts Taxes 10,354 Less: Test Year Utility Receipts Taxes (10,364)

Adjustment Increase (Decrease)

OUCC Expense Adjustments

(14

Federal Income Tax Expense

To adjust Federal Income Taxes to *Pro forma* present rate operating income.

		forma ent Rates					
Pre-Tax Present Rate Operating Income	\$	75,007					
Add: Utility Receipts Tax		10,354					
Less: Synchronized Interest Expense		12,109					
Sub Total			73,252				
Less: Utility Receipts Tax			10,354				
State Income Tax			4,029				
Federal Taxable Income		_		58,869			
Times: Federal Tax Rate				21.00%			
Pro forma Federal Income Tax					12,362		
Less: Test Year Federal Income Tax Expense				_	-	_	
	Adjus	tment Incr	rease (Decrease)			\$	12,362

(15)

State Income Tax Expense

To adjust state Income Taxes to *Pro forma* for present rate operating income.

	Pro forma Present Rates		
State Taxable Income	73,252		
Times: State Income Tax Rate Pro forma State Income Tax Expense	5.50%	4,029	
Less: Test Year State Income Tax Expense			
Adjustment	Increase (Decrease)		\$ 4,029
(16)			
Amortization of Excess Accumulated De To reflect the amortization of excess accumulated deferred income taxes as ordered in			
To reflect the amortization of excess accumulated deferred income taxes as ordered in	ii Cause No. 43032-317.		
Amortization (before gross-up) per post order compliance filing dated 02	1-2019 \$	7,253	
Adjustment	Increase (Decrease)		\$ (7,253)

Calculation of Original Cost Rate Base

Company Comp		Per LMH	Per OUCC	OUCC More (Less)	
Add: Capitalized Expenses (Ad. 5-1, 5-3, and 5-4) 15,659 15,659 Less: Disallowed UPIS (CN43431) (5,949,842) - Unsupported Asset Additions - (23,668) (23,668) Plant Retirements - (23,668) (23,668) Plant Additions already included in 9/30/2007 - (79,500) (79,500) Utility Plant in Service in CN 43431 - (5,875) (5,875) Gross Utility Plant in Service at 12/31/2018 (3,984,678) - - Less: Unsupported Asset Additions - 3,04 304 Less: Unsupported Asset Additions - 3,392,325 3,92,325 Less: Unsupported Asset Additions - 304 304 Plant Additions already included in 9/30/2007 - 17,883 Utility Plant in Service in CN 43431 17,883 17,883 Eliminate software training costs - 110 110 Adjusted Accumulated Depreciation at 12/31/2018 (4,450,742) - - Less: Disallowed CIAC (CN 43431) <td>Utility Plant in Service at 12/31/2018</td> <td>\$ 8 221 938</td> <td>\$ 8 221 938</td> <td>s -</td>	Utility Plant in Service at 12/31/2018	\$ 8 221 938	\$ 8 221 938	s -	
Disallowed UPIS (CN43431)	·	-		*	
Unsupported Asset Additions Plant Retirements Plant Additions already included in 9/30/2007 Utility Plant in Service in CN 43431 Eliminate software training costs Gross Utility Plant in Service in CN 43431 Elsiminate software training costs Coress Utility Plant in Service at 12/31/2018 Less: Disallowed A/D (CN 43431) Less: Unsupported Asset Additions Plant Additions already included in 9/30/2007 Plant Retirements Plant Additions already included in 9/30/2007 Utility Plant in Service in CN 43431 Less: Unsupported Asset Additions Plant Additions already included in 9/30/2007 Utility Plant in Service in CN 43431 Eliminate software training costs Utility Plant in Service in CN 43431 Eliminate software training costs Utility Plant in Service in CN 43431 Eliminate software training costs Utility Plant in Service in CN 43431 Less: Disallowed CIAC (CN 43431) Less: Disallowed CIAC (CN 43431) Less: Disallowed CIAC (CN 43431) Additions already included Amortization at 12/31/2018 Less: Disallowed CIAC (CN 43431) Less: Disallowed CIAC (CN 43431) Add: Materials and Supplies Working Capital Construction Amortization of Ciac at 12/31/2018 Add: Materials and Supplies Working Capital Construction Add: Materials and Supplies Working Capital Add: Materials and Supplies Working Capital Construction Add: Materials and Supplies Working Capital Construction Add: Materials and Supplies Working Capital Construction Add: Materials and Supplies Working Capital Add: Materials and Supplies Plant Retirements Working Capital Construction Add: Materials and Supplies Plant Retirements Working Capital Construction Add: Plant Retriements Add: Materials and Supplies Plant Retriements Working Capital Construction Add: Plant Retriements Add: Materials and Supplies Plant Retriements Net Utility Plant in Service at 12/31/2018 Add: Plant Additions already included in 9/30/200		(5,949,842)		-	
Plant Retirements		-		(3,024)	
Utility Plant in Service in CN 43431 Eliminate software training costs - (5,875) (5,875) Gross Utility Plant in Service at 12/31/2018 2,272,096 2,175,688 (96,408)		-	(23,668)	(23,668)	
Gross Utility Plant in Service at 12/31/2018 2,272,096 2,175,688 (96,408) Accumulated Depreciation at 12/31/2018 (3,984,678) 3,984,678) - Less: Disallowed A/D (CN 43431) 3,392,325 3,392,325 - Less: Unsupported Asset Additions - 304 304 Plant Additions already included in 9/30/2007 - 17,883 17,883 Utility Plant in Service in CN 43431 - 110 110 Eliminate software training costs - 110 110 Contributions-in-aid of Construction at 12/31/2018 (592,353) (550,388) 41,965 Contributions-in-aid of Construction at 12/31/2018 (4,450,742) (4,450,742) - Less: Disallowed CIAC (CN 43431) 4,100,720 4,100,720 - Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 (2,008,992) (2,008,992) - Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 1,189,996 1,135,553 (54,443) Net Utility Plant in Service at 12/31/2018 1,189,996 1,135,553 (54,443) <th colspan<="" td=""><td></td><td>-</td><td>(79,500)</td><td>(79,500)</td></th>	<td></td> <td>-</td> <td>(79,500)</td> <td>(79,500)</td>		-	(79,500)	(79,500)
Accumulated Depreciation at 12/31/2018 (3,984,678) (3,984,678) - Less: Disallowed A/D (CN 43431) 3,392,325 - Less: Unsupported Asset Additions - 304 304 Plant Retirements - 23,668 23,668 Plant Additions already included in 9/30/2007 - 17,883 Eliminate software training costs - 110 110 Adjusted Accumulated Depreciation at 12/31/2018 (592,353) (550,388) 41,965 Contributions-in-aid of Construction at 12/31/2018 (4,450,742) (4,450,742) - Less: Disallowed CIAC (CN 43431) 4,100,720 4,100,720 - Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 (2,008,992) (2,008,992) - Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 1,189,796 1,135,553 (54,443) Net Utility Plant in Service at 12/31/2018 1,189,996 1,135,553 (54,443) Add: Materials and Supplies - - - - Working Capital 62,451 61,943	Eliminate software training costs	-	(5,875)	(5,875)	
Less: Disallowed A/D (CN 43431) 3,392,325 3,392,325 - Less: Unsupported Asset Additions - 304 304 Plant Retirements - 23,668 23,668 Plant Additions already included in 9/30/2007 - 17,883 Utility Plant in Service in CN 43431 - 110 110 Adjusted Accumulated Depreciation at 12/31/2018 (592,353) (550,388) 41,965 Contributions-in-aid of Construction at 12/31/2018 (4,450,742) (4,450,742) - Less: Disallowed CIAC (CN 43431) (4,400,720 4,100,720 - Less: Disallowed CIAC Accumulated Amortization at 2,148,717 2,148,717 - Less: Disallowed CIAC Accumulated Amortization at 12,148,717 2,148,717 - Less: Disallowed CIAC Accumulated Amortization at 12,148,717 2,148,717 - Less: Disallowed CIAC Accumulated Amortization at 12,148,717 2,148,717 - Net Utility Plant in Service at 12/31/2018 1,189,996 1,135,553 (54,443) Add: Materials and Supplies	Gross Utility Plant in Service at 12/31/2018	2,272,096	2,175,688	(96,408)	
Less: Unsupported Asset Additions Plant Retirements - 304 23,668 23,668 Plant Retirements - 23,668 23,668 Plant Additions already included in 9/30/2007 - 17,883 Utility Plant in Service in CN 43431 110 110 Adjusted Accumulated Depreciation at 12/31/2018 (592,353) (550,388) 41,965 Contributions-in-aid of Construction at 12/31/2018 (4,450,742) (4,450,742) - Less: Disallowed CIAC (CN 43431) (350,022) (350,022) - Accumulated Amortization of CIAC at 12/31/2018 (2,008,992) (2,008,992) - Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 1,148,717 2,148,717 - Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 1,189,996 1,135,553 (54,443) Net Utility Plant in Service at 12/31/2018 1,189,996 1,135,553 (54,443) Add: Materials and Supplies - - - - - - - - - -	•		(3,984,678)	-	
Plant Retirements		3,392,325	3,392,325	-	
Plant Additions already included in 9/30/2007 17,883 17,883 17,883 Eliminate software training costs 110 1	• •	-		• • •	
Utility Plant in Service in CN 43431 Eliminate software training costs - 110 110		-		23,668	
Eliminate software training costs		-	17,883	17 002	
Adjusted Accumulated Depreciation at 12/31/2018 (592,353) (550,388) 41,965			110		
Contributions-in-aid of Construction at 12/31/2018	Eliminate software training costs	-	110	110	
Less: Disallowed CIAC (CN 43431)	Adjusted Accumulated Depreciation at 12/31/2018	(592,353)	(550,388)	41,965	
Less: Disallowed CIAC (CN 43431) 4,100,720 (350,022) 4,100,720 (350,022) - Accumulated Amortization of CIAC at 12/31/2018 (2,008,992) (2,008,992) - Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 2,148,717 - 12/31/2018 139,725 139,725 - Net Utility Plant in Service at 12/31/2018 1,189,996 1,135,553 (54,443) Add: Materials and Supplies - - - - Working Capital 62,451 61,943 (508) (508) Less: Customer Advances for Construction - (80,701) (80,701) Total Original Cost Rate Base \$ 1,252,447 \$ 1,116,795 \$ (135,652) Working Capital Calculation Working Capital Calculation Operation & Maintenance Expense \$ 578,645 \$ 555,014 \$ (23,631) Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 499,608 495,547 (4,061)	Contributions-in-aid of Construction at 12/31/2018	(4,450,742)	(4,450,742)	-	
Accumulated Amortization of CIAC at 12/31/2018 (2,008,992) (2,008,992) - (2,148,717 - 1) (2,14	Less: Disallowed CIAC (CN 43431)			-	
Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 2,148,717 2,148,717 - 12/31/2018 139,725 139,725		(350,022)	(350,022)	-	
Less: Disallowed CIAC Accumulated Amortization at 12/31/2018 2,148,717 2,148,717 - 12/31/2018 139,725 139,725	Accumulated Amortization of CIAC at 12/31/2018	(2 008 992)	(2 008 992)	_	
Net Utility Plant in Service at 12/31/2018 1,189,996 1,135,553 (54,443) Add: Materials and Supplies	Less: Disallowed CIAC Accumulated Amortization at			-	
Add: Materials and Supplies - - - Working Capital 62,451 61,943 (508) Less: Customer Advances for Construction - (80,701) (80,701) Total Original Cost Rate Base \$ 1,252,447 \$ 1,116,795 \$ (135,652) Working Capital Calculation Working Capital Calculation Coperation & Maintenance Expense \$ 578,645 \$ 555,014 \$ (23,631) Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 19,570 19,570 Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12,50% 12,50%		139,725	139,725		
Working Capital 62,451 61,943 (508) Less: Customer Advances for Construction - (80,701) (80,701) Total Original Cost Rate Base \$ 1,252,447 \$ 1,116,795 \$ (135,652) Working Capital Calculation Working Capital Calculation Operation & Maintenance Expense \$ 578,645 \$ 555,014 \$ (23,631) Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 19,570 19,570 Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12,50% 12,50%	Net Utility Plant in Service at 12/31/2018	1,189,996	1,135,553	(54,443)	
Less: Customer Advances for Construction - (80,701) (80,701) Total Original Cost Rate Base \$ 1,252,447 \$ 1,116,795 \$ (135,652) Working Capital Calculation Operation & Maintenance Expense \$ 578,645 \$ 555,014 \$ (23,631) Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 19,570 19,570 Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12,50% 12,50% -	Add: Materials and Supplies	-	-	-	
Working Capital Calculation Working Capital Calculation Operation & Maintenance Expense \$ 578,645 \$ 555,014 \$ (23,631) Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 19,570 19,570 Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12,50% 12,50%	Working Capital	62,451	61,943	(508)	
Working Capital Calculation Working Capital Calculation Operation & Maintenance Expense \$ 578,645 \$ 555,014 \$ (23,631) Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 19,570 19,570 Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12,50% 12,50%					
Operation & Maintenance Expense \$ 578,645 \$ 555,014 \$ (23,631) Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 19,570 19,570 Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12.50% 12.50%	Total Original Cost Rate Base	\$ 1,252,447	\$ 1,116,795	\$ (135,652)	
Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 19,570 19,570 Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12.50% 12.50%	Working Ca	npital Calculation	<u>1</u>		
Less: Purchased Power (79,037) (79,037) - Add: Payroll Tax Expense 19,570 19,570 Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12.50% 12.50%	Operation & Maintenance Expense	\$ 578.645	\$ 555.014	\$ (23.631)	
Adjusted Operation & Maintenance Expense 499,608 495,547 (4,061) Times: 45-Day Factor 12.50% 12.50%				-	
Times: 45-Day Factor 12.50% 12.50%	Add: Payroll Tax Expense		19,570	19,570	
Working Capital Requirement \$ 62,451 \$ 61,943 \$ (508)				(4,061)	
	Working Capital Requirement	\$ 62,451	\$ 61,943	\$ (508)	

Utility Plant Adjustments

Capitalized Test Year Transactions			
Additional Tap Labor	Sch. 5, Adjustment 1	\$ 3,255	
Additional Tap Materials and Supplies	Sch. 5, Adjustment 4	3,210	
Tap Cost - Contractual Services	Sch. 5, Adjustment 3	1,000	
Replacement Pump	Sch. 5, Adjustment 4	3,589	
Sludge Press Repair	Sch. 5, Adjustment 4	4,605	
		 	\$ 15,659
Plant Retirements			
Truck and Trailer		18,673	
Sludge Press MSD		4,995	
		 	\$ 23,668
Plant Additions Already Included in 9/30/07 Rate B	<u>ase</u>		
Sludge Press		67,375	
Building		12,125	
			\$ 79,500

Accumulated Depreciation Adjustments

Unsupported Asset Additions Structures & Improvements	354.2	12.31.14	Adjustment	Asset \$	Value 3,024	Annual Depreciation \$ 76	Years 4	Accumulated Depreciation Adjustment \$ 304
Plant Retirements								
Transportation	391.7	Various	Truck and Trailer		18,673			18,673
Treatment Plant	354.4	07.01.12	Sludge Press - Replaced		4,995			4,995
Plant Additions already included i	n 9/30/2007	Utility Pl	ant in Service in CN 434	<u>31</u>				
Tools Shop Garage	393.7	01.22.10	Sludge Press	(67,375	1,684	9	15,156
General Plant	354.7	01.22.10	Sludge Press Building		12,125	303	9	2,727
Eliminate software training costs								
Office Furniture	390.7	04.06.18	Billing Software		5,875	147	0.75	110
390.7			·	\$ 1	12,067		•	\$ 41,965

Pro forma Capital Structure As of 12/31, 2018

		Percent of		Weighted
	Amount	Total	Cost	Cost
Common Equity	\$1,598,544	66.80%	8.50%	5.6780%
Long Term Debt	404,180	16.89%	6.42%	1.0843%
Shareholder Loans	-	0.00%	0.00%	0.0000%
Deferred Income Taxes	390,200	16.31%	0.00%	0.0000%
Total	\$2,392,924	100.00%		6.7623%

Synchronized Interest Calculation

Total Original Cost Rate Base	\$ 1,116,795
Times: Weighted Cost of Debt	1.084%
Synchronized Interest Expense	\$ 12,109

Employment Contract

This employment contract between **Tucker Homes Inc. (THINC)** and **LMH Utilities Corporation (LMH)** is entered into this **1st day of January, 2019** for a period of 12 months and under the following terms:

Salary: LMH shall pay THINC the sum of \$800 paid in monthly installments for the term of this contract for work performed by Jeffrey Tucker.

Scope of Work:

- 5 hours per week average
- Leading the development and implementation of the overall strategy for LMH
- · Communication with IURC and IDEM as needed
- Asset management
- · Financial planning
- Project management

Termination: Either party has the right to terminate this agreement with 30 days written notice.

June L. Tucker, Sec/Treas

Tucker Homes Inc.

Jeffrey O. Tucker, President

LMH Utilities Corporation

- A. Any time that Jay works for affiliated companies is billed on a per hour basis to the affiliate.
- **Q-8-20:** During the test year, Jay Tucker received \$1,450 per week but pro forma salaries reflect \$1,610 per week, an increase of 9.8%. Please provide the justification for this increase in salary.
- A. LMH paid health insurance benefits in 2018. As of 1/1/2019 LMH no longer paid for health insurance benefits and this increase is to compensate for the change in benefits.
- **Q-8-21:** Please provide the following information by customer class (residential, commercial, wholesales, multi-family):
 - a. Customer count (billings) for each month of the test year;
 - b. Customer Revenues for each month of the test year; and
 - c. Customer consumption for each month of the test year.
- A. See attachment Q8-21.
- **Q-8-22:** In Cause No. 45032-S17, LMH proposed that the method of handling taxes related to contributions in aid of construction (CIAC) be considered in its next base rate case. (See Final Order in Cause No. 45032-S17, ordering paragraph 3) What method of handling taxes on CIAC has LMH chosen and where can this be found in its case in chief filing?
- A. LMH is preparing its response to this question and will supplement its response.
- **Q-8-23:** Please provide all general ledger transactions LMH will record to reflect its chosen method for handling income taxes on CIAC, including any transactions LMH believes are necessary to deferred income taxes.
- A. LMH is preparing its response to this question and will supplement its response.
- **Q-8-24:** Are the deferred state income taxes reflected at December 31, 2018 restated to reflect the then current state income tax rate of 5.75%? Please explain.
- A. Deferred state income taxes as of December 31, 2018, were calculated based on a tax rate of 5.75%.

LMH Utilities Corporation CAPITALIZATION POLICY

1. Purpose

This accounting policy establishes the minimum cost that shall be used to determine the capital assets to be recorded in the accounting records and financial statements of LMH.

2. Definitions

- a. CAPITAL ASSET is a unit of property with a useful life exceeding one year and a per unit acquisition cost exceeding \$2,500. Capital assets will be capitalized and depreciated over their useful lives. The full acquisition cost of tangible personal property below these thresholds will be expensed in the year purchased.
- b. REPAIR is an expense that keeps the property in ordinary efficient operating condition. The cost of the repair does not add to the value or prolong the life of the asset. All repair expenses are recorded in the appropriate general ledger accounts.
- c. ROUTINE MAINTENANCE is recurring activities expected to be performed as a result of use to keep building structures, pumps, main lines, manholes, vehicles and other property in its ordinarily efficient operating condition.
- d. IMPROVEMENTS are expenses for betterments, restorations, or adapting to a new or different use. Improvements prolong the life of the asset, materially increase its value or productivity, or adapt it to a different use.
- e. MATERIALS AND SUPPLIES are items acquired to maintain, repair, or improve tangible property.

 Materials and supplies are expected to be consumed in less than 1 year.

3. Policies

All Capital Assets are recorded at historical cost as of the date acquired. Tangible assets costing below \$2,500 are recorded as an expense in the accounting records of LMH. In addition, assets with an economic useful life of 12 months or less must be expensed for both book and financial reporting purposes.

4. **Documentation**

Invoices substantiating the acquisition cost of each unit of property are to be retained for a minimum of 7 years.

We, the undersigned directors do hereby approve the LMH Capitalization Policy on this 2nd day of January, 2020

Signature

Signature

Signature

Capital Expense Adjustment

Account	Account Description	Date	Reference	Jrnl	Trans Description	Amount
750	Transportation Expenses 750	43465	123118-4	GENJ	Steve's Truck Repair expense repairs	4,894
720.4	Pump Exp Maintenance 720.4	43417	10319	PJ	HESS ELECTRIC MOTOR SERVICE - Zoeller M#F6223-A 15 HP 230V 3 PHASE PUMP S#15190	3,589
720.4	Pump Exp Maintenance 720.4			PJ	MSD ENVIRONMENTAL SERVICES, IN	4,605
389.4	OP/ME-Treatment /Disposal Plan	43125	012518	PJ	MSD ENVIRONMENTAL SERVICES, IN - E1H-1024 Pump sludge press	5,416
						18,503

OUCC Attachment TWM-5 Cause No. 45307-U Page 1 of 2

Risse, Meiring and Company, Inc. CPA's

P.O. Box 200 13 North Main Street Fort Loramie, OH 45845 kmeiring@rmc-cpa.com



Phone

Fax

937-295-3813

937-295-5252

LMH UTILITIES CORPORATION 2005 JAMISON DRIVE, SUITE 104 LAWRENCEBURG, IN 47025

Invoice: 18518

Date:

09/05/2018

PROFESSIONAL SERVICES RENDERED FOR:

CALLS, AND EMAILS CONCERNING 2017 TAX INFORMATION FOR THE SHAREHOLDERS.

2017 - 8879-IRS e-FILE SIGNATURE AUTHORIZATION

2017 - 1040 U.S. INDIVIDUAL INCOME TAX RETURN AND ALL RELATED SCHEDULES.

2017 - IT-40 STATE OF INDIANA FULL-YEAR RESIDENT INDIVIDUAL INCOME TAX RETURN.

FEE:

\$425.00

You can now pay your invoice online by credit card. To pay online visit https://secure.cpacharge.com/pages/rmc-cpa/payments

OUCC Attachment TWM-5 Cause No. 45307-U Page 2 of 2

Risse, Meiring and Company, Inc. CPA's

P.O. Box 200 13 North Main Street Fort Loramie, OH 45845 kmeiring@rmc-cpa.com



Phone

Fax

937-295-3813

937-295-5252

LMH UTILITIES CORPORATION 2005 JAMISON DRIVE, SUITE 104 LAWRENCEBURG, IN 47025

Invoice: 18519

Date:

09/05/2018

PROFESSIONAL SERVICES RENDERED FOR:

CALLS, AND EMAILS CONCERNING 2017 TAX INFORMATION FOR THE SHAREHOLDERS. RESEARCH DEBT CANCELLATION INCOME AND EXEMPTIONS.

2017 - 8879-IRS e-FILE SIGNATURE AUTHORIZATION

2017 - 1040 U.S. INDIVIDUAL INCOME TAX RETURN AND ALL RELATED SCHEDULES.

2017 - IT-40 STATE OF INDIANA FULL-YEAR RESIDENT INDIVIDUAL INCOME TAX RETURN.

FEE:

\$425.00

You can now pay your invoice online by credit card. To pay online visit https://secure.cpacharge.com/pages/rmc-cpa/payments

Account ID	Account Description	Date	Reference	Jrnl	Trans Description	Debit Amt
522.1	Residential Revenues 522.1	12/28/18	TCJA2017	GENJ		9,110.48
522.2	Commercial Revenues 522.2	12/28/18	TCJA2017	GENJ	TCJA	492.72
522.5	Multi-Family Revenues 522.5	12/28/18	TCJA2017	GENJ		654.01
524	Wholesale Sales 524	12/28/18	TCJA2017	GENJ		14.85
						10,272.06

Revenue Requirement Comparsion

	Cause No. 45307-U	Cause No. 13431 (a)	OUCC ore (Less)
Original Cost rate Base	\$ 1,252,447	\$ 1,615,113	\$ (362,666)
Times: Weighted Cost of Capital	8.43%	9.43%	-1.00%
Net Operating Income Required for Return on Rate base	105,567	152,305	(46,738)
Less: Adjusted Net Operating income	(17,901)	152,305	(170,206)
Net Revenue Requirement	 123,468	\$ -	\$ 123,468
Gross Revenue Conversion Factor	137.32%		
Recommended Revenue Increase	\$ 169,546		
Recommended Percentage Increase	 23.57%		
Net Operting Income Summary:			
Operating Revenues	\$ 720,920	775,180	(54,260)
Operating Expenses	738,821	622,687	116,134
	(17,901)	152,493	 (170,394)
Increase (Decrese) in Operating Revenues:			
Current Rate Operating Revenues in CN 43431-U		\$ 672,840	
CN 43431-U Increase to Operating Revenues		131,012	
CN 45032 Reduciton to Income Taxes (TD 50166)	(18,469)		
Cn 45032 - Reuction for amortizaiton of excess ADIT (S1	(10,203)		
Operating Revneues under Authorized Rates in CN 43431	 775,180		
Less: Current Rate Operating Revneues in CN 45307-U	720,920		
(Over) Under Recovery of Operating Revenues		\$ 54,260	

⁽a) As Adjusted by the Commission's tax investigation, Cause No. 45032.

Revenue Requirement Comparsion

	Cause No. 45307-U	Cause No. 43431 (a)	OUCC More (Less)
Determination of Adjusted Net Operating Income:			
Revenues	\$ 720,920	\$ 775,180	\$ (54,260)
Operating Expenses			
Salaries and Wages	256,620	184,889	71,731
Employee Benefits	10,265	16,925	(6,660)
Sludge Removal Expense	44,267	98,770	(54,503)
Purchased Power	79,037	64,529	14,508
Chemicals	9,570	8,287	1,283
Materials and Supplies	53,370	50,071	3,299
Capital Expenditures	(12,810)	-	(12,810)
Contractual Services - Engineering	-	5,560	(5,560)
Contractual Services - Accounting	10,145	4,005	6,140
Contractual Services - Legal	28	15,365	(15,337)
Contractual Services - Other	25,399	28,921	(3,522)
Rental of Building / Real Property	6,000	-	6,000
Transportation Expense	34,883	-	34,883
Insurance Expense	31,479	11,790	19,689
Bad Debt Expense	6,171	-	6,171
Rate Case Expense	22,311	33,642	(11,331)
Regulatory Commission Expense - Other	3,056	-	3,056
Miscellaneous Expense	12,671	27,539	(14,868)
Adjustment 13 - Overcollections	10,272	-	10,272
Adjustment 14 - Amortization of Excess ADIT	(17,997)	-	(17,997)
Affiliated Services/Contracts	_	(4,785)	4,785
Non-Recurring Expenses	-	(15,845)	15,845
Reverse Prior Year Accrual	-	(41,217)	41,217
Maintenance & Repairs	-	1,770	(1,770)
IURC Fee	79	9	70
Depreciation Expense	92,755	42,007	50,748
Taxes Other than Income:			
Payroll Tax	20,078	14,463	5,615
Property Tax	48,770	26,789	21,981
Utility Receipts Tax	9,992	9,406	586
Income Taxes:			
State Income Tax	(3,362)	6,121	(9,483)
Federal Income Tax	(14,229)	9,120	(23,349)
Additional Taxes on Rate Increase	-	53,228	(53,228)
Additional Taxes - 30 Day Filing in CN 45032	-	(18,469)	18,469
		(10,203)	10,203
Adjusted Net Operating Income	\$ (17,901)	\$ 152,493	\$ (170,394)

- d) Explain why the payments to Hrezo Engineering were not recorded to a utility plant in service account.
- e) Did LMH receive monies from a customer(s) to pay for a main extension?

A.

- a. See attachment Q8-5
- b. The advances were posted to a CWIP account in error.
- c. These payments were costs incurred for the main extension.
- d. Had the advances been recorded correctly, the payments would be shown as CWIP as the project was not yet complete until 2019.
- e. Yes, LMH received \$15,800 for this main extension from Uchtman/Polley.
- **Q-8-6:** Please provide the balance for each of the following accounts as of December 31st in each of the years 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, and 2008. Please also indicate whether the balance is a debt or a credit.
 - 101.5 Disallowed Plant in Service
 - 108.5 Disallowed Accumulated Depreciation
 - 190.3 Deferred Federal Tax Asset
 - 190.4 Allowance Deferred Fed Taxes
 - 190.5 Deferred Tax Asset State
 - 190.6 Allowance State Def Taxes
 - 211.5 Disallowed Equity (Cause 43431)
 - 271.5 Disallowed CIAC
 - 272.5 Disallowed Accumulated Amortization of CIAC
 - 282.1 Deferred Income Taxes Federal
 - 282.2 Deferred Income Taxes State
- A. See attachment Q8-6.
- **Q-8-7:** During the test year, LMH recorded \$25,832.70 of revenues from jobbing and contract work (Acct 415). Where are the costs of providing these services recorded in LMH's test year general ledger?
- A. Nonutility Expenses GL Account 426.
- **Q-8-8:** Please state the amount of (1) equipment costs, (2) labor costs, (3) contractor costs, and (4) material costs included in the calculation of LMH's proposed connection fee.
- A. See attachment Q8-8.

b. Were these funds used to pay for utility plant?

- A.
- a. As ordered under Cause No. 43431, LMH has been depositing SDC charges received into an interest-bearing account. The customer typically pays for both the tap fee and the SDC with one check and therefore both are deposited into the SDC account. The transfer amounts are to remove the tap fees, which are not restricted in use by Cause No. 43431, into operating cash. See attachment Q-11-7 for calculation of the overfunded amount.
- b. No. See response above.
- Q-11-8: Account 421 "Nonutility Income" reflected \$6,462.08 of revenues and Account 426 reflected \$6,041.34 of expenses. How much of the \$6,041.34 of nonutility expenses relate to jobbing revenue and how much relate to nonutility income? Please explain. (Note: In response to OUCC DR 8-7, LMH stated the costs related to the \$25,832.70 of revenues from jobbing and contract work (Acct 415) were recorded to Account 426 Nonutility Expenses.)
- A. None of the nonutility expenses relate to jobbing income. They all relate to nonutility income.

UNIFORM SYSTEM OF ACCOUNTS FOR CLASS A WASTEWATER UTILITIES

1996



NATIONAL ASSOCIATION OF REGULATORY UTILITY COMMISSIONERS

1101 Vermont Avenue NW Washington, D.C. 20005 USA

Tel: (202) 898-2200 Fax: (202) 898-2213 www.naruc.org

\$26.00

WASTEWATER OPERATION AND MAINTENANCE EXPENSE ACCOUNTS

701. Salaries and Wages - Employees

This account shall include the compensation (salaries, bonuses and other consideration of services) paid or accrued to employees of the utility company for work related to operation and maintenance of that utility company. This account shall not include the salaries and wages of officers, directors or majority stockholders of the utility company.

703. Salaries and Wages - Officers, Directors and Majority Stockholders

This account shall include the compensation (salaries, bonuses and other consideration for services) paid or accrued to officers, directors or majority stockholders of the utility company.

704. Employee Pensions and Benefits

This account shall include all accruals under employee pension plans to which the utility has irrevocably committed such funds, and payments for employee accident, sickness, hospital and death benefits or insurance therefor. Include also expenses for medical, educational or recreational activities of employees.

710. Purchased Wastewater Treatment

- A. This account shall include the cost at the point of delivery of wastewater treatment provided by another entity.
- B. The records supporting this account shall be so kept as to show for each entity from which wastewater treatment is purchased, point of delivery, quantity treated, basis of charges, and the cost of wastewater treatment.

711. Sludge Removal Expense

This account shall include the costs of removal of sludge if such work is performed by persons other than owners, stockholders, and employees of the utility.

715. Purchased Power

This account shall include the cost of all electric power expense incurred by the utility.

716. Fuel For Power Production

A. This account shall include the cost of fuel used in the production of power to operate the pumps and other equipment used in the wastewater treatment process. Records shall be maintained to show the quantity and cost of each type of fuel used.

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

IN THE MATTER OF THE PETITION OF LMH)
UTILITIES, INC. FOR A NEW SCHEDULE OF) CAUSE NO. 45307-U
RATES AND CHARGES)

PETITION OF LMH UTILITIES CORPORATION RESPONSES TO THE INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR'S ELEVENTH SET OF DATA REQUESTS

Comes now LMH Utilities, Inc., by counsel, and submits to the Indiana Office of the Utility Consumer Counselor ("OUCC") its responses to the OUCC's Eleventh Set of Data Requests dated March 9, 2020, as follows:

II. Data Request.

Q-11-1: There are two transactions recorded during the test year with Risse, Meiring & Company for which the transaction reference mentions 2017. Are these transactions for services incurred prior to the test year? If no, please explain how these costs are related to the test year and whether they are recurring. Please also provide copies of the invoices.

732	Contractual Serv-Accounting	9/5/18	18518	PJ	RISSE, MEIRING & COMPANY, INC 2017 jct	425.00
732	Contractual Serv-Accounting	9/5/18	18519	PJ	RISSE, MEIRING & COMPANY, INC 2017 jtt	425.00

- A. These charges are for tax preparation services provided as a fringe benefit to the shareholders. This is for services performed in 2018 for the 2017 tax year. Invoice attached as Q-11-1.
- Q-11-2: Please provide the breakdown of the \$26,750 of *pro forma* liability insurance by type of insurance and provide supporting documentation for these premiums. (See Adjustment No. 7.)
- A. See attachment Q-11-2.



PUBLIC UTILITY FEE REPORT – RURAL WASTEWATER UTILITY REPORTS – CLASS A, B, & C

State Form 50499 (R12 / 1-20) INDIANA UTILITY REGULATORY COMMISSION

CALENDAR YEAR 2019

Utility Identific Utility Name: Street Address City/State/ZIP: Telephone Nun	(number and street):					
-				_		
ACCOUNT NUMBER	ACCOUNT TITLE	TC	OTAL OPERATING REVENUE	TOTAL INTRA-STATE REVENUE		
521.1	Flat Rate Residential Revenues					
521.2	Flat Rate Commercial Revenues					
521.3	Flat Rate Industrial Revenues					
521.4	Flat Rate Revenues From Public Authorities					
521.5	Flat Rate Multiple Family Dwelling Revenues					
521.6	Flat Rate Other Revenues					
522.1	Measured Residential Revenues					
522.2	Measured Commercial Revenues					
522.3	Measured Industrial Revenues					
522.4	Measured Revenues From Public Authorities					
522.5	Measured Multiple Family Dwelling Revenues					
524	Revenues From Other Systems					
536	Other Wastewater Revenues					
770	Bad Debt Expense - Debit					
	TOTAL	•	0.00	0.00		
	e foregoing information is accurate and is in tember 31, 2019.	agreen	nent with the books and re	cords of the utility for the		
	Printed Na					
	Telephone Num	`itle: iber: (
Address to see	d fee bill to (if different than above):		Return completed for	ns to:		
			IURC	<u>us to.</u>		
Business Name	:	_	101 W. Washington St.,	Suite 1500-E		
	(number and street):		Indianapolis, IN 46204			
City/State/ZIP:			Fax: (317) 232-6758			
Telephone Nun	nber: ()		E-mail: feebilling@urc.	in.gov		