

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

PETITION OF MARYSVILLE-OTISCO-NABB WATER)
CORPORATION: (1) FOR AUTHORITY AND)
APPROVAL TO INCREASE RATES AND CHARGES)
FOR WATER SERVICE, INCLUDING APPROVAL OF) CAUSE NO. 45955
NEW SCHEDULE(S) OF RATES AND CHARGES FOR)
WATER SERVICES (2) FOR AUTHORITY AND)
APPROVAL TO ISSUE BONDS, NOTES, OR OTHER)
OBLIGATIONS OF INDEBTEDNESS)

PUBLIC'S EXHIBIT NO. 2

TESTIMONY OF JAMES T. PARKS

ON BEHALF OF

THE INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR

January 12, 2024

Respectfully submitted,

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CERTIFICATE OF SERVICE

This is to certify that a copy of the *Public's Exhibit No. 2 – Testimony of James T. Parks on behalf of the OUCC* has been served upon the following captioned proceeding by electronic service January 12, 2024.

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TESTIMONY OF OUCC WITNESS JAMES T. PARKS
CAUSE NO. 45955
MARYSVILLE-OTISCO-NABB WATER CORPORATION, INC.

I. INTRODUCTION

1 **Q: Please state your name and business address.**

2 A: My name is James T. Parks, P.E., and my business address is 115 W. Washington
3 Street, 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 Senior Analyst in the Water/Wastewater Division. My qualifications and
7 experience are described in Appendix A.

8 **Q: What is the purpose of your testimony?**

9 A: Marysville-Otisco-Nabb Water Corporation, Inc. ("Marysville-Otisco-Nabb,"
10 "MON", "Petitioner," or "Utility") seeks financing authority to construct (1) a
11 300,000-gal elevated storage tank with booster station improvements and (2) a
12 26,800 feet long 8-inch water main that would include a new fifth interconnect to
13 Indiana-American's Charlestown water system. Petitioner testified the new 8-inch
14 main is needed for an emergency water supply in case of an outage of Petitioner's
15 primary water supply from the Stucker Fork Conservancy District ("Stucker
16 Fork"). My testimony explains and supports the OUCC's position that Petitioner
17 should not be authorized borrowing authority for the 8-inch water main, which is
18 based on several incorrect assumptions and factors including incomplete water
19 main records and mapping used in the water system hydraulic modeling that fail to

1 show existing lines and shows smaller diameter water mains than had actually been
2 constructed.

3 I provide information on proposed developments near Charlestown, Indiana
4 that may be the reason for the proposed 8-inch water main and I testify that
5 Petitioner should follow the main extension rules to extend water service to new
6 subdivisions rather than have ratepayers pay for the new main. I show Petitioner
7 identified only one water main option: its proposed 8-inch new water main. I testify
8 that the new main is unnecessary and that there are several other lower cost
9 alternatives that would achieve the same objectives of allowing flexibility as to
10 water supplier. I explain that one option is to complete the 12-inch water
11 transmission main along State Road 3 between the Stucker Fork and Charlestown
12 water systems by installing the remaining 10,500 feet, which infrastructure was
13 proposed by Petitioner in 2003 and for which revenues were included in Petitioner's
14 Extensions and Replacements ("E&R") revenue requirement.¹

15 **Q: Please describe the review and analysis you conducted for your testimony.**

16 A: I reviewed the Petition and the testimonies of Robert Bellucci (Exhibit A), Tracy
17 Wyne (Exhibit B), and Jerome Hentrup (Exhibit C). I reviewed Petitioner's recent
18 Indiana Utility Regulatory Commission ("Commission" or "IURC") Annual
19 Reports. I wrote discovery requests and reviewed Petitioner's responses. Through
20 discovery I sought to understand how Petitioner justified its proposed capital
21 improvements, how these projects were developed, how Petitioner estimated costs,
22 and whether Petitioner identified and analyzed any alternatives. I reviewed

¹ Cause No. 42476-U Final Order, January 14, 2004, p. 2.

1 pertinent parts of Petitioner's Preliminary Engineering Report ("PER"), prepared
2 by Commonwealth Engineers, Inc. I reviewed documents provided in Petitioner's
3 last rate case, which was filed in 2003 as Cause No. 42476-U. I reviewed various
4 documents, which I refer to in my testimony and which I have attached to my
5 testimony and listed in Appendix B.

6 **Q: Did you tour Petitioner's facilities?**

7 A: Yes. I conducted a site visit and toured Petitioner's facilities with Superintendent
8 Anthony Masingo on December 12, 2023. We viewed the 250,000-gallon Otisco
9 elevated storage tank and the 75,000-gallon Marysville elevated storage tank. I
10 viewed the meter vaults at two Points of Entry ("POE") into Petitioner's water
11 system for purchased water from the Stucker Fork Conservancy District. I visited
12 three of the four existing Points of Entry into Petitioner's water system for
13 purchased water from Indiana-American's Charlestown system (one emergency
14 connection at Petitioner's Booster Station and two active interconnections). I also
15 visited the proposed location for a new, fifth interconnection with Indiana-
16 American's system in the Danbury Oaks subdivision, northwest of Charlestown. I
17 also toured both Stucker Fork's and Charlestown's facilities in 2017 for other cases.

18 **Q: If you do not discuss a specific topic or adjustment, does that mean you agree**
19 **with the Petitioner?**

20 A: No. My electing not to discuss a specific topic or adjustment does not indicate my
21 approval or agreement. My opinions and the OUCC's positions are limited to those
22 opinions and positions I affirmatively express.

II. MARYSVILLE-OTISCO-NABB WATER SYSTEM CHARACTERISTICS

1 **Q: Please describe Marysville-Otisco-Nabb Water Corporation, Inc.**

2 A: Marysville-Otisco-Nabb Water Corporation, Inc. is a Class B, public water utility
3 organized as a not-for-profit corporation.² It owns and operates a purchased water
4 storage and distribution system in and around the unincorporated communities of
5 Marysville, Otisco and Naab in Clark and Scott Counties, Indiana.³ Petitioner
6 currently provides water utility service to 2,503 customers in its service area north
7 of Charlestown, Indiana along State Road 3.⁴ Petitioner purchases all water as a
8 Sales for Resale customer of the Stucker Fork Conservancy District (supplies
9 96.6% of the purchased water) and Indiana-American's Charlestown system
10 (supplies 3.4%).⁵ It does not have its own wells or water treatment plants and does
11 not provide any additional treatment to the water it purchases.

12 Assets include 743,280 lineal feet ("LF") (140.77 miles) of water mains
13 ranging in size from 2-inches to 12-inches in diameter.⁶ Water storage is provided
14 in a 75,000-gallon elevated storage tank installed in 1965 (Marysville tank), and a

² IC 8-1-2-125 "Not-for-profit utilities"; services and facilities; reasonable and just charges; not-for-profit sewer utilities

³ Petitioner provides water to rural customers in Monroe, Oregon, Washington, Union, and Charlestown Townships in Clark County and Lexington Township in Scott County, Indiana. *See* Attachment JTP-1 for Township maps for Southeast Indiana showing Clark and Scott Counties townships and Petitioner's response to DR 2-1 regarding its service area.

⁴ *See* MON's 2022 IURC Annual Report, p. W-1. MON's 2,503 customers included 2,477 residential, 11 commercial, and 15 public authority customers as of December 31, 2022.

⁵ *See* Attachment JTP-2 for Purchased Water Detail for Dec. 2021 to Nov. 2022 in EXHIBIT 3 Attachments to the Verified Direct Testimony of Tracy Wyne Rate Study and Workpapers, pp. 136-137 of 214.

⁶ *See* Attachment JTP-3 for Petitioner's response to DR 2-6 regarding the current water main inventory and inventory discrepancies. Petitioner reported a revised water main inventory of 726,160 LF but included only 25,700 LF of 12-inch main instead of the 42,300 LF reported on its 2022 IURC Annual Report. The corrected water main inventory appears to be 743,280 LF.

1 250,000-gallon elevated storage tank installed in 1991 (Otisco tank) located behind
2 Petitioner's office at 7703 Indiana State Road 3, Marysville, IN. Emergency water
3 is provided by the dual pump 328 gallons per minute ("gpm") Booster Station on
4 the original 6-inch asbestos cement supply main installed in 1965 that connects to
5 Indiana American Water Company's Charlestown's system.⁷ (Indiana-American
6 acquired the Charlestown system in 2018.) The Booster Station boosts pressure to
7 pump water through Petitioner's original eight miles of 6-inch asbestos cement
8 main that follows State Road 3 north to the 75,000-gallon Marysville elevated water
9 tank.⁸

10 The Utility is managed by a Board of Directors consisting of five members
11 including a President, Vice President, Treasurer, Secretary, and Assistant Secretary
12 that meet monthly. Petitioner has four employees and relies on contractor, Richard
13 Henderson, Inc., owned by its previous Superintendent, for water main extensions,
14 water main and service line repairs, and installation of new service connections.
15 Engineering services have been provided by Saegesser Engineers, Inc. (2013-2014)
16 –, Midwestern Engineers, Inc. (prior to Saegesser Engineers and 2015-2021), and
17 Commonwealth Engineers, Inc. (2022-2023).⁹ Petitioner has recently selected

⁷ The Booster Station location is 2714 State Road 3, Charlestown, IN per Petitioner's Emergency Response Plan, October 29, 2022, p. 5.

⁸ Petitioner revised the Preliminary Engineering Report's Table 2-3 - Distribution System - Water Main Inventory in response to DR 2-6 to show that 726,160 LF of water main ranging in size from 2 to 12 inches. *See* Attachment JTP-3 for excerpts from Petitioner's Direct Testimony, the PER, and Petitioner's response to DR 2-6.

⁹ Saegesser Engineers designed the 250,000-gallon elevated water tank on Highway 160 (not built) and the recently completed 8-inch water main on Harry Hughes Road, Opossum Trot Road and Highway 160 that were designed and permitted in 2012-2013.

1 Hannum Wagle & Cline for design of the proposed 300,000-gallon Elevated
2 Storage Tank / Booster Station upgrade and the 8-inch water main projects.¹⁰

3 **Q: When did Marysville-Otisco-Nabb Water Corporation, Inc. begin operation?**

4 A: Residents formed a water committee and incorporated the water utility in 1963.¹¹
5 SIECO Engineers of Columbus, IN designed the original 133,723 LF (25.3 miles)
6 of 2-inch to 6-inch water mains and the 75,000-gallon Marysville tank which were
7 completed in 1965.¹² The original system supplied water to 187 residences.¹³ The
8 Commission established Petitioner's initial rates in 1966.¹⁴ Base rates have been
9 increased once in January of 2004.¹⁵ However, five water trackers have been
10 implemented since 2004.¹⁶

11 **Q: What is MON's current tariff and average residential customer charge?**

12 A: The average customer bill in 2022 was \$28.81 based on average water usage of
13 4,102 gallons per month and volumetric charges determined from metered water

¹⁰ See Attachment JTP-4 for the December 12, 2023, Board of Directors Meeting Minutes.

¹¹ Certification on the Articles of Incorporation, July 9, 1963. See Attachment JTP-5 State of Indiana, Clark County, Subrecipient Agreement for American Rescue Plan Act, Local Fiscal Recovery Funds, page 7 of 20.

¹² As-Built drawings, Marysville-Otisco-Nabb Water Corporation, SIECO Engineers, November 29, 1965.

¹³ See MON's 2022 IURC Annual Report, p. E-2.

¹⁴ Cause No. 31279, October 6, 1966. Information source: OUCC Report, Cause No. 42476-U, September 29, 2003, p. 1.

¹⁵ Cause No. 42476-U Final Order, January 14, 2004.

¹⁶ Due to Stucker Fork Conservancy District rate increases, five water trackers totaling \$3.24 per 1,000 gallons have been approved since 2004 including \$1.65 approved December 28, 2006, \$0.29 approved August 11, 2010 (TD25354), \$0.30 approved April 9, 2014 (TD26716), \$0.37 approved April 12, 2017 (TD50040), and \$0.63 approved September 12, 2018 (TD50219).

1 usage.^{17, 18} For 5,000 gallons per month, the customer charge for water is currently
2 \$34.85 per month.¹⁹ MON's volumetric rates were established in Cause No. 42476-
3 U on January 14, 2004. Due to increased wholesale rates from Stucker Fork,
4 MON's water tracker is now \$3.24 per 1,000 gallons.²⁰

5 **Q: From whom does Petitioner purchase water?**

6 A: From 1966 until 1998, Petitioner purchased 100% of its water from the Charlestown
7 municipal water system.²¹ In 1998, Petitioner executed a Water Purchase Contract
8 with the Stucker Fork Conservancy District, which allowed Petitioner to purchase
9 up to 580,000 gallons per day ("gpd") but required a minimum 290,000 gpd take
10 or pay purchase. Stucker Fork's transmission main improvements were financed
11 through a forty-year revenue bond from USDA Rural Development with
12 Petitioner's Water Purchase Contract in support of the revenue bond.²² Petitioner's

¹⁷ Calculated as 123,220,000 gallons of water reported sold in 2022 divided by 30,036 monthly bills (2,503 customers times 12 months = 30,036 bills) equals 4,102 gallons per month.

¹⁸ The average bill based on 4,102 gallons per month is calculated as MON's minimum monthly charge for 2,500 gallons of water usage at \$3.97 per 1,000 gallons (2.5 times \$3.97 = \$9.925) plus 1,602 additional gallons at \$3.49 per 1,000 gallons (1.602 times \$3.49 = \$10.781) plus a water tracker of \$3.24 per 1,000 gallons (4.102 times \$3.24 = \$13.29) equals \$28.81 per month.

¹⁹ The water charge for the IURC metric of 5,000 gallons per month is calculated as MON's minimum monthly charge for 2,500 gallons of water usage at \$3.97 per 1,000 gallons (2.5 times \$3.97 = \$9.925) plus 2,500 additional gallons at \$3.49 per 1,000 gallons (2.5 times \$3.49 = \$8.725) plus a water tracker of \$3.24 per 1,000 gallons (5 times \$3.24 = \$16.20) equals \$34.85 per month.

²⁰ 30-Day Filing No. 50219, Request for Supplier Cost Tracker, September 12, 2018.

²¹ See Attachment JTP-6. Petitioner's most recent City of Charlestown Water Supply Agreement, signed on September 4, 1979, had a 40-year term, expired in 2019, and was not replaced by a new Water Supply Agreement with Indiana-American. There was no minimum required purchased water volume.

²² See Attachment JTP-7, Water Purchase Contract between the Stucker Fork Conservancy District and the Marysville-Otisco-Nabb Water Corporation, February 24, 1998. In the mid-1990s, Stucker Fork acquired the Marble Hill well field from Public Service Indiana for a second source of supply. Improvements completed in 1998 included redeveloping two 600 gpm wells, constructing two new 1,000 gpm wells, installing a 4.0 MGD groundwater treatment plant, new 500,000-gallon clearwell, a transmission main along an abandoned railroad easement, and the new Paynesville Rd. 500,000-gallon elevated water tank (1999). The Stucker Fork infrastructure directly serves Petitioner's system.

1 Water Purchase Contract with Stucker Fork was initially for five years to December
2 2004 but has continuously been extended.²³

3 Petitioner's water system is regionalized with two water suppliers. Its
4 principal supplier, Stucker Fork Conservancy District, provided 96% of Petitioner's
5 purchased water based on 2018 to 2023 data as summarized in Table 1.²⁴ Indiana-
6 American's Charlestown District supplied 4% of Petitioner's purchased water. I
7 provide purchased water volumes by month for 2018 to 2023 in my Workpapers.

Table 1
Marysville-Otisco-Nabb Water Corporation
Purchased Water, Water Sold and Non-Revenue Water 2018 to 2023

Year	Purchased Water (1,000 Gals.)			Water Sold (1,000 Gals)	Non-Rev. Water	
	Stucker Fork	Indiana- American	Total		(1,000 Gals.)	Percent
2018	149,456	2,723	152,179	124,003	28,176	18.51%
2019	152,954	2,321	155,275	122,781	32,494	20.93%
2020	160,197	3,135	163,332	123,434	39,899	24.43%
2021	155,133	8,909	164,042	121,892	42,150	25.69%
2022	152,744	8,601	161,345	123,220	38,125	23.63%
2023	152,292	11,125	163,417	115,407	48,010	29.38%
Total	922,776	36,814	959,590	730,737	228,853	
Avg.	153,796	6,136	159,932	121,790	38,142	24.80%
Percent	96%	4%	100%			24.8%

²³ Cause No. 42476-U Filing, June 30, 2003, Notes to Financial Statement, Note 7-Commitments

²⁴ Stucker Fork also provides purchased water to Washington Township Water Corp. of Clark County (New Washington, IN), Rural Membership Water Corp. (Henryville, IN) and to the Town of Crothersville.

1 **Q: Should Petitioner address non-revenue water that has exceeded 25%?**

2 A: Yes. For the years 2021 and 2023, Petitioner reported non-revenue water in excess
3 of 25% as shown in the highlighted segments in Table 1. Petitioner is regularly
4 taking steps to locate and repair water system leaks and is replacing the faulty water
5 meters it believes are contributing to its non-revenue water metric exceeding
6 IDEM's 25% ceiling. In the latest Sanitary Survey, IDEM found Petitioner had a
7 Significant Deficiency for non-revenue water (above 25%).²⁵

III. CUSTOMER GROWTH

8 **Q: How has Petitioner's customer base grown over the last 20 years?**

9 A: In its last rate case, MON reported it had 2,591 customers at the end of 2002.²⁶
10 MON reported 2,503 current customers for 2022. I summarized MON's customer
11 growth, metered water revenues, and purchased water expenses from 2001 to 2022
12 in Table 2. Petitioner had 88 fewer customers in 2022 than it had in 2002. In 2005,
13 Petitioner made a large downward customer count adjustment. As depicted in Table
14 2, growth since 2007 (15 years) has averaged 0.50% per year.

²⁵ Petitioner response to DR 7-3, 2022 IDEM Sanitary Survey. IDEM found Petitioner has a significant Deficiency under 327 IAC 8-2-8.2(e)(3)(O) because it had a water loss of 25.21 % over the last 12 months. IDEM directed Petitioner to establish and implement a meter change out program to prevent loss of revenue and decrease water loss.

²⁶ Petitioner's 2,591 total customers in 2002 included 2,579 residential, 11 commercial, and 1 industrial customer. Cause No. 42476-U Filing, General Information, p. 16. *See* Attachment JTP-8.

Table 2
MON Total Customer Growth, Metered Water Revenues, and
Purchased Water Expense 2001 to 2022

Year (as of Dec. 31.)	Total Customers	Customers Added	Metered Revenue	Purchased Water
2001			\$403,293	\$154,474
2002	2,591 ²⁷		\$406,768	\$153,749
2003	2,655	64		
2004	2,702	47	\$492,703	\$158,244
2005	2,265	-437	\$512,688	\$166,815
2006	2,258	-7	\$500,824	\$181,655
2007	2,322	64	\$739,343	\$210,354
2008	2,289	-33	\$703,720	\$192,059
2009	2,291	2	\$683,733	\$205,606
2010	2,272	-19	\$727,386	\$269,631
2011	2,316	44	\$730,679	\$214,839
2012	2,268	-48	\$738,006	\$189,647
2013	2,264	-4	\$697,484	\$247,728
2014	2,291	27	\$727,610	\$223,795
2015	2,311	20	\$724,834	\$253,250
2016	2,328	17	\$740,806	\$271,385
2017	2,356	28	\$798,426	\$279,827
2018	2,362	6	\$835,179	\$295,664
2019	2,411	49	\$896,679	\$340,809
2020	2,464	53	\$910,441	\$324,736
2021	2,499	35	\$906,679	\$347,736
2022	2,503	4	\$911,659	\$331,330
		New Customers		Avg. Annual Growth %
		Total	Avg. per Year	
15-Year Growth 2007-2022		181	12.1	0.50%
3-Year Growth 2020-2022		92	30.7	1.26%

²⁷ Reported 2002 total customers in Petitioner's last rate case, Cause No. 42476-U.

1 **Q: What is Petitioner's forecast for population and customer growth over the**
2 **twenty-year planning period to 2043?**

3 A: Commonwealth Engineers forecasts the addition of 1,302 people and 508 new
4 customers, which is an average of 25 new connections per year. Commonwealth
5 states Clark County's population is projected to increase by 11.3% by 2043 but
6 forecasts Petitioner's population increase will be nearly twice as much at 20.5%
7 over the same period.²⁸

8 **Q: Do you agree with Commonwealth's growth forecasts?**

9 A: No. Based on my review of the PER and MON's historical customer growth,
10 Commonwealth's assumed 20.5% population increase and 508 new customers are
11 unsupported. In its growth forecast, Commonwealth appears to have ignored
12 Petitioner's historical growth, which should be considered the best predictor of
13 future growth. Instead, Commonwealth noted Clark County's 11.3% growth
14 forecast to 2043 but did not explain why new customer additions for Petitioner
15 would more than double Petitioner's historical data over the 2007-2022 period
16 which saw an average of 12 new customers added per year. I chose the 2007 to
17 2022 period rather than the full twenty-year period for which I had customer data
18 because using the twenty-year data would show negative customer growth. *See*
19 Table 2.

20 No basis for the assumed higher growth rate of 25 new connections each year
21 was provided in the PER, but Commonwealth stated that "a community near
22 Charlestown is considering joining which will increase the demand for the

²⁸ Preliminary Engineering Report, Commonwealth Engineers, Inc., July 2023, pp. 3-3 to 3-6.

1 system.”²⁹ (Emphasis added by the OUCC.) In response to discovery seeking
2 information on the referenced community, Petitioner downplayed the reference:

3 The reference to a “community near Charlestown” in Section 3 of
4 the Preliminary Engineering Report was not intended to identify an
5 existing incorporated or unincorporated community or development
6 that currently is not connected to a public water supply. This
7 statement was included to identify the opportunity of Petitioner to
8 provide water utility services to a potential future growth area.³⁰

9 In response to discovery for support of its population forecast, Petitioner responded:

10 “The potential future growth and development of 500 single family residential
11 connections near Charlestown was previously noted.”³¹ Commonwealth’s
12 forecasted 508 new customers appears to be based on the assumed addition of 500
13 homes in new subdivisions near Charlestown plus eight additional customers in
14 Petitioner’s entire remaining service area over the next 20-years. This equals an
15 average of 25 new customers per year in subdivisions near Charlestown but only
16 0.4 new customers per year in Petitioner’s remaining service area.³²

17 During a Tech-to-Tech meeting at Commonwealth’s offices on December
18 14, 2023, Petitioner’s witness Mr. Bellucci indicated the water demand for the
19 development near Charlestown was added to its hydraulic model as a node on
20 Charlestown-Memphis Road. One new development appears to be the 40-acre
21 Woodstream Development LLC, announced in early 2022, that will be capped at

²⁹ *Id.*, p. 3-3.

³⁰ Petitioner’s response to DR 6-2. *See* Attachment JTP-9 for Petitioner’s response regarding connection of a community near Charlestown.

³¹ Petitioner’s response to DR 6-11. *See* Attachment JTP-9. for Petitioner’s responses to DR 6-11 and PER excerpts regarding population forecasts.

³² *Id.*

1 150 homes, not 500 homes as assumed in the hydraulic model and customer growth
2 forecast. *See* Attachment JTP-10 for information about the Woodstream
3 Development. I discuss the Woodstream Development later in my testimony in two
4 sections. The first section is about main extensions to serve a developer's
5 subdivision that should be paid for by the developer rather than Petitioner's other
6 ratepayers on the principle that "growth pays for growth." The second section in
7 my testimony discusses Petitioner's stated purpose for its proposed \$5.8 million
8 new 8-inch water main that Petitioner claims is for an emergency water supply from
9 Indiana-American if the Stucker Fork water supply is out of service.

IV. ASSET MANAGEMENT PLAN

10 **Q: Does Petitioner have an Asset Management Plan?**

11 A: No. Each year on its IURC Annual Reports since 2013, Petitioner has reported it
12 has an Asset Management Plan ("AMP"). However, during my site visit on
13 December 12, 2023, Office Manager, Dana Miller and Superintendent, Tony
14 Masingo indicated that Petitioner was working on its Asset Management Plan but
15 that it was not finished. Petitioner hired the firm, DC Develop, LLC in May 2023
16 to help compile the Asset Management Plan under a Professional Services
17 Agreement.³³ The following AMP discussion summary made at the Board of
18 Directors meeting was included in the November 14, 2023, meeting minutes:

³³ *See* Attachment JTP-11 for the Professional Services Agreement by and between Marysville-Otisco-Nabb Water Corporation and DC Develop LLC, May 9, 2023.

1 President Duvall called the meeting to order at 7:02 p.m. with a quorum
2 present. Special Guest Matt Wirth, Rob Bellucci (Commonwealth) Josh
3 Hillman and Donna Ennis (DC Develop)

4 Mrs. Ennis informed the Board of Directors that she has been working
5 with Masingo and Miller to compile asset management plan in
6 preparation for future capital funding requirements. In the process of
7 compiling data, we have learned written policy portion of the plan, the
8 utility is missing a lot policies and/or they are very old. At this time Mrs.
9 Ennis proposed updating existing and create missing policies that a
10 committee would review before presenting to Board of Directors. After
11 a discussion the Board of Directors organized a committee to review
12 new and revised policy.

13 There is no schedule included in DC Develop's Professional Services Agreement
14 for completing the AMP, but it appears DC Develop's contract duration is twelve
15 months, ending in May 2024. Exhibit A, Scope of Services indicates the goal is to
16 "support the staff with immediate action items as needed, while working towards
17 an overall plan to secure funding, identify infrastructure needs, and plan for growth,
18 with an understanding that the utility is a working utility and the needs and support
19 may change on a regular basis."³⁴ The contract was signed by Chris Jackson,
20 President and CEO of DC Develop, LLC. Mr. Jackson was also identified in the
21 Clark County Plan Commission's April 13, 2022, meeting minutes as representing
22 Woodstream Development. *See* Attachment JTP-10.

23 **Q: What do you recommend regarding Petitioner's Asset Management Plan?**

24 A: In accordance with Indiana Senate Bill 272, effective, July 1, 2023, all PERs
25 submitted to the IFA's SRF Programs for SRF financing must include a completed
26 Asset Management Program. I recommend Petitioner complete the Asset
27 Management Plan currently being drafted by Petitioner's staff and consultants from

³⁴ *Id.*, Exhibit A Scope of Services

1 DC Develop, LLC and that Petitioner submit copies of the Final Asset Management
2 Plan to the IURC and the OUCC within six months of the Final Order in this Cause.

V. DISTRIBUTION SYSTEM AND SYSTEM MAPPING

3 **Q: Please describe the Marysville-Otisco-Nabb Water Corporation, Inc.'s water**
4 **distribution system.**

5 A: Petitioner's water storage and distribution system assets include 743,280 lineal feet
6 (140.77 miles) of water mains ranging in diameter from 2-inches to 12-inches.³⁵
7 Water storage is provided in a 75,000-gallon elevated storage tank installed in 1965
8 (Marysville tank), and a 250,000-gallon elevated storage tank installed in 1991
9 (Otisco tank) located behind Petitioner's offices at 7703 Indiana State Road 3,
10 Marysville, IN. Emergency water is provided by the dual pump 328 gallons per
11 minute ("gpm") Booster Station on the original 6-inch supply main installed in
12 1965 that connects to Charlestown's system.

13 **Q: Does Petitioner have an up-to-date water main inventory that lists pipe**
14 **diameters, pipe types, lengths, and years installed?**

15 A: No. Petitioner revised Table 2-3 water main inventory in the Preliminary
16 Engineering Report prepared by Commonwealth Engineers in 2023, which used
17 satellite imagery to establish baseline quantities for each noted diameter of water main
18 and incomplete design and As-Built drawings of the water mains. Petitioner has
19 reported conflicting water main lengths in various reports including the following:

³⁵ See Attachment JTP-3 for Petitioner's response to DR 2-6 regarding the current water main inventory and inventory discrepancies. Petitioner reported a revised water main inventory of 726,160 LF but included only 25,700 LF of 12-inch main instead of the 42,300 LF reported on its 2022 IURC Annual Report. The corrected water main inventory appears to be 743,280 LF.

- 1 • 2003 Case Documents, Cause No. 42476-U – 243.8 miles (2-inch to 12-inch)
- 2 • 2020 IFA Water Audit Report – 103.41 miles (diameters were not specified)
- 3 • 2022 Emergency Response Plan – 300 miles (diameters of 2-inch to 12-inch)
- 4 • 2022 IFA Water Audit Report - 308 miles (diameters were not specified)
- 5 • 2022 IURC Annual Report – 106.11 miles (diameters of 3-inch to 12-inch)
- 6 • Table 2-3 Preliminary Eng. Report July 2023 – 165.26 miles (2-inch to 12-inch)
- 7 • Revised Table 2-3 Prel. Eng. Report (DR 2-6) – 137.53 miles (2 to 12-inch)

8 Table 3 summarizes Petitioner’s water main inventory from the 2022 IURC Annual
 9 Report and the original and revised Table 2-3 from the Preliminary Engineering Report:

Table 3 -MON -Water Main Pipe Assets (Feet)

Pipe Dia. (inches)	2022 IURC Report	2023 PER Table 2-3	Revised 2023 PER Table 2-3 (DR 2-6)
2-inch	Not Listed	227,201	165,380
3-inch	210,530	386,898	298,420
4-inch	197,360	172,559	156,550
5-inch	Not Listed	Not Listed	2,030
6-inch	96,520	55,636	72,270
8-inch	13,570	1,208	6,330
12-inch	42,300	29,088	42,300 ³⁶
Total LF	560,280	872,590	743,280
Total Miles	106.11	165.26	140.77

10 **Q: Does the Utility have Current System-wide Mapping (Not Design Drawings)?**
 11 A: No. Petitioner has various maps of its water system that have been completed over
 12 the years by several engineering firms and has stated on its IURC Annual Reports

³⁶ Petitioner reported it had 25,700 of 12-inch water main in response to DR 2-6. The correct length appears to be 42,300 LF. Text shown in red indicate OUCC additions.

1 that it has a Current System-wide Mapping (Not Design Drawings). However, it
2 appears Petitioner has not maintained a complete up-to-date map of its water system
3 showing main locations, sizes, pipe materials hydrants, valves, services, and years
4 installed, and it may not have a system in place to regularly update its system map
5 as water mains are added and replaced or more accurate information becomes
6 available. Using Petitioner's available design and As-Built drawings and satellite
7 imagery, I understand that Commonwealth Engineers, as part of the PER effort,
8 created a hydraulic model of the water system and a tabulation of the existing water
9 mains. I note several errors of incorrect main sizes and missing segments of water
10 mains in Commonwealth's map of Petitioner's water mains in my discussion about
11 the proposed 26,800 LF 8-inch water main project. It appears Petitioner may not
12 have a reliable and comprehensive system map.

13 **Q: What do you recommend Petitioner do to improve its water main inventory?**

14 A: An accurate system map showing all water distribution system assets (mains,
15 valves, hydrants, tanks, booster stations, interconnections with other utilities, etc.)
16 is important for proper operation, maintenance, and replacement of the water
17 system assets. I recommend Petitioner complete an accurate system map, determine
18 actual lengths of its water mains by pipe types, and the actual numbers of valves,
19 flushing hydrants, and fire hydrants in order to create an Asset Register and system-
20 wide map. I also recommend Petitioner notify the IURC and the OUCC when it has
21 completed its Asset Register and system-wide map.

VI. PROPOSED CAPITAL PROJECTS

1 **Q: Please provide an overview of Mr. Bellucci's testimony regarding the two**
2 **proposed capital projects.**

3 A: Mr. Bellucci describes the two capital projects as follows.

4 Phase 1 A – New 300,000-Gal Elevated Storage Tank and Booster Station
5 Improvements

6 \$3,364,100 Construction Cost / \$4,244,600 Total Project Cost

7 The Phase 1A improvements include construction of a new 300,000-Gal
8 elevated storage tank to meet the projected average daily demand of the
9 Utility through the end of the Planning Period. The Phase 1A improvements
10 will also include new booster station pumps with a VFD and a Mission
11 Cellular remote monitoring system.³⁷

12
13 Phase 1B – Installation of 8" Water Main Loop at Charlestown

14 \$4,411,900 Construction Cost / \$5,628,400 Total Project Cost

15 The Phase 1B improvements include a new eight-inch water main loop that
16 connects the existing two-inch master meter on Charlestown-Memphis Rd to
17 the intersection of Opossum Rd and S.R. 160. This new eight-inch water main
18 will provide a sufficiently sized water main to support a future connection with
19 Indiana American Water at Charlestown and provide an alternative supply
20 source to the twelve-inch connection with the Stucker Fork Conservancy. This
21 project includes approximately 26,600 LF of new eight-inch water main along
22 the connecting roads.³⁸

23 Mr. Bellucci recommends combining the Phase 1A and 1B projects into a single
24 project to save an estimated \$387,800 in non-construction costs. Commonwealth
25 estimated the combined construction cost would be \$7,775,200 and non-
26 construction costs would be \$1,710,000. The total project costs for the combined
27 project were estimated at \$9,485,200.³⁹

³⁷ Bellucci Direct, p. 44. There appears to be a discrepancy regarding how many pumps will be replaced and how many variable frequency drives will be installed. The Phase 1A project description in the PER differs from the description in Mr. Bellucci's testimony. It indicates Booster Station improvements include "the replacement of the existing booster station pump, a variable frequency drive (VFD) to control the flow, a Mission Cellular System to remotely monitor the booster station, and an emergency generator."

³⁸ *Id.*, pp. 44-45.

³⁹ Preliminary Engineering Report, Commonwealth Engineers, Inc., July 2023, pp. ES-9, ES-10, and ES-11.

A. Phase 1 A – New 300,000-Gal Elevated Storage Tank and Booster Station Improvements

1 **Q: Why is a new 300,000-gallon elevated water storage tank needed?**

2 A: Mr. Bellucci testifies that Petitioner's "existing storage capacity is insufficient to
3 meet current customer demands and emergency fire flow conditions."⁴⁰ He reports
4 that "the minimum storage capacity for systems not providing fire protection shall
5 be equal to the average daily consumption... fire flow requirements established by
6 the appropriate state insurance services office should be satisfied where fire
7 protection is provided."⁴¹ Petitioner's two existing elevated water storage tanks –
8 the 75,000-gallon Marysville tank and the 250,000-gallon Otisco tank have a total
9 storage volume of 325,000 gallons.⁴² The current storage deficit based on
10 Petitioner's reported 2023 average daily demand of 427,000 gallons per day
11 ("gpd") is 102,000 gallons. The future storage deficit based on Petitioner's
12 projected 2043 average daily demand of 514,501 gpd is 189,501 gallons.⁴³

13 **Q: Does Petitioner provide fire protection services?**

14 A: No. In response to discovery, Petitioner indicated it does not currently provide fire
15 protection services to its customers. There are no fire hydrants located within
16 Petitioner's water system. The current fire flow capacity is zero. Proposed fire flow
17 capacity is described in Table 3-5 of the PER. Because Petitioner does not provide

⁴⁰ Bellucci Direct, p. 21.

⁴¹ *Id.*, p. 39. Mr. Bellucci quotes the sizing standards for storage tanks in Section 7.1.1 of the *Recommended Standards for Waterworks*, Great Lakes – Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers, 2022 Edition, also known as the Ten States Standards.

⁴² The 250,000-gallon Otisco tank replaced a smaller leaking 75,000-gallon Otisco tank that was installed after 1971 and taken out of service in 1991 when the larger nearby 250,000-gallon Otisco tank was placed in service. It appears the original 75,000-gallon Otisco tank was demolished in 2002 based on test year adjustments for non-recurring costs in Cause No. 42476-U. *See* Attachment JTP-8.

⁴³ Section 3.4 Capacity Analysis, Preliminary Engineering Report, pp. 3-6 to 3-8.

1 fire protection, the current Insurance Services Office, Inc. ("ISO") Public Protection
2 Classification ("PPC") rating, also known as the Fire Class (scale of 1-10 with Class 1
3 being superior), for Petitioner's water system would be considered Class 10 (or not
4 applicable) representing below minimum criteria.⁴⁴

5 **Q: Do Petitioner's water mains meet the Ten States Standards requirement for**
6 **minimum diameter for fire protection mains?**

7 A: Petitioner reports it has 622,380 LF of water main that are smaller than the
8 minimum 6-inch diameter main size required for fire protection service. Based on
9 the corrected total water main inventory of 743,280 LF, approximately 84% of
10 Petitioner's water mains do not meet Ten States Standards for fire protection.⁴⁵

11 **Q: Should the total capacity of Petitioner's water storage tanks be sized based on**
12 **providing fire protection?**

13 A: No. Petitioner reported it does not provide fire protection. As I showed previously,
14 84% of Petitioner's water mains, approximately 118 miles, are below the Ten States
15 Standards 6-inch minimum required size for fire protection. Due to their small
16 diameter, these mains cannot convey fire flows.

17 **Q: How was the 300,000-gallon capacity of the proposed elevated storage tank**
18 **determined?**

19 A: A smaller, 250,000-gallon elevated water storage tank at the same Petitioner owned
20 property on Highway 160 that is proposed for the 300,000-gallon storage tank was
21 first designed and permitted in 2013 by Saegesser Engineering, Inc.⁴⁶ This tank was

⁴⁴ See Attachment JTP-12 for Petitioner's responses to DRs 5-5, 5-6, 5-7, and 5-8 regarding fire protection.

⁴⁵ Section 8.2.2 Pipe Diameter, of the *Recommended Standards for Waterworks*, Great Lakes – Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers, 2022 Edition, also known as the Ten States Standards. The minimum size of water main which provides for fire protection and serving fire hydrants shall be six (6) inch diameter.

⁴⁶ See Attachment JTP-13 for Appendix G - IDEM Permit for Public Water Supply Construction, Preliminary Engineering Report, Commonwealth Engineers, July 2023.

1 not constructed, and the IDEM construction permit expired in 2014.⁴⁷

2 It appears Commonwealth Engineers may not have determined the
3 proposed tank's 300,000-gallon capacity. Rather the tank size was seemingly
4 established by a previous engineer or by Petitioner in its funding application for
5 American Rescue Plan funds submitted to Clark County. The July 2023 PER
6 evaluated storage tank capacities of 200,000 gallon, 300,000 gallons or 400,000
7 gallons.⁴⁸ However, at the June 14, 2022, Board of Directors meeting,
8 Superintendent Masingo presented the 300,000-gallon elevated water storage tank
9 probable cost from Richard Burch (Midwest Engineering). After discussion, the
10 Board of Directors agreed to ask Clark County Commissioners for the full amount.
11 At the July 12, 2022, Board of Directors' meeting, Superintendent Masingo
12 reported that he had sent a letter to the Clark County Commissioners office asking
13 for grant money for the 300,000-gallon elevated water storage tank. At the January
14 10, 2023, Board of Directors meeting, Superintendent Masingo informed the Board
15 that Petitioner was awarded \$1.5 million from the American Rescue Fund to build
16 a 300,000-gallon elevated storage tank.⁴⁹

17 **Q: Is the proposed tank's capacity fixed at 300,000 gallons?**

18 A: Yes. The 300,000-gallon tank size is a fixed condition of the \$1.5 million grant
19 already awarded to Petitioner by Clark County. *See* Attachment JTP-5 for the Clark

⁴⁷ Construction Permit No. WS-11016 also included 750 LF of 12-inch main and 20,000 LF of 8-inch main starting from the existing 12-inch water main at the intersection of State Road 3 and Harry Hughes Rd. and following Harry Hughes Rd. to Opossum Trot Rd. and then northwest on Highway 160 to the new tank site.

⁴⁸ Preliminary Engineering Report, pp. 4-28 to 4-42.

⁴⁹ *See* Attachment JTP-4 for 2021-2023 Board of Directors Meeting Minutes.

1 County Subrecipient Agreement for American Rescue Plan Act Local Fiscal
2 Recovery Funds, dated September 28, 2023.

3 **Q: Is there a deadline for allocating the funds?**

4 A: Yes. Under the terms of the Subrecipient Agreement, all funds received by the
5 Subrecipient (Petitioner) shall be allocated or returned to Clark County by
6 December 31, 2024 (the "Allocation Deadline"). The new tank project is to be
7 completed by December 31, 2026 (the "Services Deadline").

8 **Q: What improvements does Petitioner propose for the existing Booster Station?**

9 A: Mr. Bellucci testified that upgrades are needed to the existing booster pump station
10 immediately downstream of the existing Indiana American Water emergency 6-
11 inch connection. In response to discovery, Petitioner indicated the booster station
12 costs are estimated to be \$554,100. *See* Attachment JTP-14 for cost information for
13 the proposed 300,000-gallon elevated water tank and the Booster Station
14 improvements. The upgrades, includes pump replacement, installation of variable
15 frequency drives, a cellular monitoring and control system, and the installation of
16 an emergency standby power generator. I understand that upgrades will also include
17 building improvements to modernize the booster station for continued service.

18 **Q: Do you agree that Petitioner should build the 300,000-gallon elevated storage**
19 **tank and the Booster Station upgrades as proposed?**

20 A: Yes. The new tank will provide additional water storage to enable Petitioner to meet
21 the Ten States Standards requirement for storage capacity equal to the average daily
22 demand over the twenty-year design period. I recommend the Commission approve
23 Petitioner's request for financing authority for the new 300,000-gallon tank and the
24 Booster Station upgrades. I also recommend that Petitioner's design engineer

1 evaluate larger pumps and corresponding VFDs at the Booster Station sized in
2 conjunction with the four other interconnections with Indiana-American's water
3 system so that Petitioner can receive 100% of its water supply from Indiana-
4 American in the event of a prolonged outage of the Stucker Fork water supply.

5 **Q: Is the \$3,364,100 estimated construction cost reasonable?**

6 A: The estimated construction cost is higher than a similar 300,000-gallon elevated
7 water tank that was being constructed in 2023 in Rushville, Indiana for a cost of
8 \$1.8 million cost. The Rushville tank is the same diameter but at 180 feet tall is
9 almost 40 feet taller than Petitioner's proposed tank.⁵⁰ The Rushville project also
10 includes a 450 gpm Booster Station, and 2,600 LF of 12-inch water main. It is
11 unclear from the news article whether Rushville's \$1.8 million project costs include
12 the Booster Station and 12-inch water main. *See* Attachment JTP-14 for cost
13 information for Petitioner's proposed 300,000-gallon elevated water tank and the
14 Booster Station improvements. We agree Petitioner should have the borrowing
15 authority based on Petitioner's estimate but are hopeful Petitioner can procure
16 competitive bids from contractors at a cost closer to the Rushville project cost.

B. Phase 1B - Installation of 8" Water Main Loop at Charlestown

17 **Q: Please describe Petitioner's proposed 8-inch water main project**

18 A: Petitioner proposes to install 26,800 feet of 8-inch PVC water main as an
19 emergency supply from Indiana-American for use during outages of the Stucker
20 Fork water supply. Mr. Bellucci describe the Phase 1B project as follows:

⁵⁰ *See* Attachment JTP-13 for information about Rushville's 300,000-gallon elevated storage tank and the IDEM construction permit.

1 **Distribution System – Emergency Supply Alternatives**

2 The Utility currently lacks a sufficient alternative emergency source of
3 supply when the existing 12-inch connection with the Stucker Fork
4 Conservancy District is disrupted. The existing 6-inch Indiana American
5 Water connection is undersized and will not provide sufficient capacity to
6 meet average daily demands during emergency conditions. The future
7 projected demands will further exacerbate these conditions. Two (2)
8 Alternatives were considered to address this situation. Both Alternatives
9 involve a looped 8-inch water main connection with Charlestown with
10 Alternative 1 utilizing trenchless construction technology and Alternative 2
11 utilizing open cut construction. Both Alternatives involve the installation of
12 approximately 26,800 LF of 8-inch water main between Charlestown-
13 Memphis Road and State Route 160. It is anticipated the construction of this
14 proposed looping connection will cross several waterways and would be
15 located primarily within rural sections of the existing service area.⁵¹

16 **Q: What is the estimated cost for the 8-inch water main in Phase 1B?**

17 A: Petitioner estimates the new water main's total project cost is \$5,628,400 based on
18 a \$4,411,900 construction cost that includes a 10% contingency (\$368,000) and a
19 10% allowance (\$368,000) for Build America, Buy America Act ("BABA")
20 compliance plus non-construction costs, estimated at \$1,216,500, or 28% of the
21 construction costs.⁵²

22 **Q: Where is the new 8-inch water main to be constructed?**

23 A: Mr. Bellucci testifies that the new 26,800 LF 8-inch main will connect Indiana-
24 American's existing two-inch master meter on Charlestown-Memphis Rd to the

⁵¹ Bellucci Direct, p. 20. Mr. Bellucci references a shorter 26,600 LF water main on page 45 but the Project Cost Details provided in Appendix E of the Preliminary Engineering Report lists 26,591 LF of open cut 8-inch water main plus 201 LF of stream crossings for a total of 26,792 LF of 8-inch water main.

⁵² On November 15, 2021, the Infrastructure Investment and Jobs Act, Public Law No. 117-58, was signed into law which includes the Build America, Buy America Act Public Law No. 117-58, §§ 70901-52. The Act's goal is to strengthen Made in America Laws to bolster America's industrial base and requires that "none of the funds made available for a Federal financial assistance program for infrastructure may be obligated for a project unless all of the *iron, steel, manufactured products, and construction materials* used in the project are produced in the United States."

1 intersection of Opossum Rd and S.R. 160.⁵³ However, on PER Figure ES-1,
2 Commonwealth incorrectly shows the proposed 8-inch main ending at the new
3 300,000-gallon water tank on Highway 160, which is over 3,000 feet beyond the
4 Fox Road / Opossum Trot Road and Highway 160 intersection referenced by Mr.
5 Bellucci. The PER also incorrectly identifies Petitioner's connecting water mains
6 at the Fox Road / Opossum Trot Road and Highway 160 intersection as 4-inch.
7 According to Petitioner's response to OUCC DR 7-5, and design drawings for the
8 20,000 LF of new mains along Harry Hughes Rd., Opossum Trot Rd. and Highway
9 160 that were provided in response to OUCC DR 2-7, the connecting water mains
10 are actually 8-inch mains that were installed in 2020 to 2023.⁵⁴

11 **Q: What size are the existing water mains at the two-inch master meter on**
12 **Charlestown-Memphis Road?**

13 **A:** Both Indiana-American's and Petitioner's existing water mains at the two-inch
14 master meter are 4-inch diameter which are not large enough by themselves to
15 provide fire protection service to the potential subdivisions in this area because they
16 are not the required 6-inch minimum size under Ten States Standards.⁵⁵ However,
17 coupled with Petitioner's proposed 8-inch main from the fifth connection to Indiana-
18 American's system in the Danbury Oaks subdivision, which I discuss later in my
19 testimony, Petitioner should be able to deliver 705 to 1,175 gallons per minute ("gpm")
20 at typical 3 to 5 feet per second water velocities to the subdivisions. *See* Table 4.

⁵³ Bellucci Direct, pp. 44-45.

⁵⁴ Petitioner's response to DR 7-5. *See* Attachment JTP-15 for Petitioner's responses to DR 7.

⁵⁵ Petitioner's response to DR 2-1. *See* Attachment JTP-16.

Table 4
OUCS Calculation of Available Water Main Flows
to Potential Subdivisions near Charlestown-Memphis Road

Water Main	Available Flow (gpm)	
	at 3 ft./sec.	at 5 ft./sec.
MON 4-inch from northwest	117	196
INAWC 4-inch from southeast	117	196
New 8-inch from INAWC	470	783
Total Available Flow (gpm)	705	1,175

1 The cost to install the 8-inch main and the new fifth connection with Indiana-
2 American to extend water service to the potential subdivisions should be paid by
3 the developers in accordance with the Commission's main extension rules.

4 **Q: Are there discrepancies between the existing water mains and their depictions**
5 **on Preliminary Engineering Report figures?**

6 A: Yes. Commonwealth incorrectly identifies diameters of several existing water main
7 segments along the route and shows a gap on Fox Road between mains, which does
8 not actually exist based on my discussion with Superintendent Tony Masingo and
9 my review of 1988 water main drawings, which I undertook on December 12, 2023,
10 at Petitioner's offices. According to Superintendent Masingo, the existing water
11 mains are connected and continuous along the entire route. There are no dead-end
12 mains and there is no gap. The existing 4-inch main on Fox Road that was installed
13 in 1988 is incorrectly identified as a 3-inch main (depicted by a yellow line on
14 Figure ES-1 in the PER). This existing 4-inch main continues to the intersection of
15 Fox Road and Whittinghill Road where it connects to an existing 2-inch main and
16 then to an existing 3-inch main (both incorrectly identified as 4-inch mains depicted

1 by a red line on Figure ES-1). The 3-inch main connects to the existing 4-inch main
2 that continues to Indiana-American's two-inch meter on Charlestown-Memphis
3 Road.

4 **Q: Is the proposed 8-inch water main depicted accurately on PER maps?**

5 A: No. The PER shows different connection points on Figure ES-3 at both ends of the
6 proposed 8-inch water main. Figure ES-3 shows the end of line connection at the
7 proposed 300,000-gallon elevated water storage tank on Highway 160. The
8 proposed tie-in point is at the Fox Road / Opossum Trot Road and Highway 160
9 intersection because Petitioner has already installed the 8-inch water main along
10 Highway 160 as a separate project in 2022-2023.⁵⁶

11 Figure ES-3 also incorrectly shows the new 8-inch main connecting to
12 Indiana-American's Charlestown system to be at the Highway 160 and State Road
13 3 (Market Street) intersection instead of at Indiana-American's two-inch master
14 meter on Charlestown-Memphis Rd. At the Highway 160 and State Road 3 (Market
15 Street) intersection, Indiana-American's water main becomes 6-inch diameter,
16 which is the minimum size required for fire protection service. *See* Attachment JTP-
17 17 for a map of Charlestown's water mains and the four existing interconnections
18 with Petitioner's system.⁵⁷ Figure ES-3's depicted route suggests that about 3,000
19 LF of 4-inch and 6-inch water main owned by Indiana-American would be replaced
20 with new 8-inch PVC pipe as part of the Phase 1B project.

⁵⁶ Phase 3 of the 20,000 LF 8-inch water main project along Harry Hughes Road, Opossum Trot Road, and Highway 160.

⁵⁷ Charlestown water system map showing interconnections with MON's system. Figure 6.1 Recommended Plan, Charlestown Water Improvements Project, Hannum, Wagle and Cline Engineering, 11/15/2004.

1 **Q: Does the project include replacement and upsizing of any water mains owned**
2 **by Indiana-American?**

3 A: No. In response to discovery, Petitioner stated the project does not include upsizing
4 or replacing any existing Indiana-American water mains.⁵⁸ Petitioner also stated the
5 tie-in point to Indiana-American's water main would be at the existing 2-inch water
6 meter on Charlestown-Memphis Road.⁵⁹

7 **Q: Is Petitioner still proposing to tie into Indiana-American's water system at the**
8 **existing two-inch master meter on Charlestown-Memphis Road?**

9 Q: No. Petitioner proposes a new (fifth) connection to Indiana-American's system in
10 the Danbury Oaks subdivision, northwest of Charlestown. This fifth
11 interconnection was not discussed in Petitioner's testimony or in the PER. I became
12 aware of the new route and tie-in during my December 12, 2023 site visit when
13 Superintendent Tony Masingo explained the proposed new (fifth) connection to
14 Indiana-American's system. I was also not aware of plans for new developments
15 northeast of Danbury Oaks and along Charlestown-Memphis Road that would be
16 served via the new 8-inch main supplied by the 5th interconnection with Indiana-
17 American. *See* Attachment JTP-18 for information I compiled about the change in
18 tie-in point to Indiana-American's system for the proposed 8-inch water main
19 including responses to data requests, emails between Petitioner and Indiana-
20 American regarding the new connection point, and route maps and figures.

⁵⁸ Petitioner's response to DR 5-9 (d). *See* Attachment JTP-12.

⁵⁹ Petitioner's response to DR 5-9 (e). *See* Attachment JTP-12.

1 **Q: What is the revised length of the proposed 8-inch water main?**

2 A: In response to discovery, Petitioner indicates the revised length will be 24,136 LF
3 not 26,800 LF as proposed.⁶⁰

4 **Q: Will the new 8-inch water main replace existing water mains?**

5 A: No. In response to OUCC DR 7-7, which asked whether the existing 2-inch, 3-inch,
6 and 4-inch water mains along the proposed 26,800 LF 8-inch main's route will be
7 replaced, Petitioner stated "the existing mains will not be retired from service."⁶¹

8 **Q: How many service lines will Petitioner connect to the new 8-inch main?**

9 A: Responding to OUCC DR 5-9, Petitioner stated approximately 57 existing service
10 lines will be reconnected to the new 8-inch water main.⁶² Petitioner's responses to
11 OUCC DR 7-7 and the OUCC DR 5-9 are at odds with each other. On main
12 replacement projects, typically all existing service connection are switched over to
13 the new main and the original main is retired from service. Petitioner's responses
14 to discovery indicate that is not the case for the new 8-inch main project because
15 Petitioner will not retire the existing mains. This implies the original 2-inch, 3-inch,
16 and 4-inch mains would stay pressurized but would not deliver water to any
17 customers because service lines would no longer be connected.

18 **Q: How should Petitioner handle water mains that it has replaced?**

19 A: Absent an explanation why the original mains should not be retired, I recommend
20 as a standard practice for water main replacement projects that Petitioner switch
21 over all service connections to the new mains, retire the original mains from service,

⁶⁰ Petitioner's response to DR 6-3. *See* Attachment JTP-18.

⁶¹ Petitioner's response to DR 7-7. *See* Attachment JTP-15.

⁶² Petitioner's response to DR 5-9 (c). *See* Attachment JTP-12.

1 and document all changes in Record Drawings, the Asset Register and on System-
2 wide mapping.⁶³ This removes older and undersized mains from Petitioner's assets
3 that may be prone to main breaks and water losses. I recommend Petitioner switch
4 over all services to the new 8-inch mains.

5 **Q: How does Petitioner characterize the proposed Phase 1B 8-inch water main**
6 **project and why does Petitioner claim it is necessary?**

7 A: Petitioner characterizes it as an emergency supply from Indiana-American for use
8 during outages of the Stucker Fork water supply. Mr. Bellucci testifies that "the
9 Utility currently lacks a sufficient alternative emergency source of supply when the
10 existing 12-inch connection with the Stucker Fork Conservancy District is
11 disrupted. The existing 6-inch Indiana American Water connection is undersized
12 and will not provide sufficient capacity to meet average daily demands during
13 emergency conditions."⁶⁴

14 Mr. Bellucci indicated that hydraulic modeling shows that during existing
15 peak flow conditions, system pressures decreased below IAC allowable limits of
16 25 psi with the new water storage tank but without the new 26,800 LF 8-inch water
17 main.⁶⁵ Mr. Bellucci also indicated that chlorine residuals decreased below the
18 minimum required 0.20 mg/L under future flow conditions for all scenarios
19 (200,000-gallon to 350,000-gallon elevated storage tank and 4-inch existing mains
20 and proposed 8-inch main).

⁶³ For the recently completed 20,000 LF 8-inch water main project on Harry Hughes Road, Opossum Trot Road and Highway 160 to the new Water Storage Tank site, Petitioner stated that no customer service lines have been switched over to the new 8-inch main. This means that the original 4-inch mains and original service lines remain in service so that there are parallel water mains (4-inch and 8-inch) along these roads.

⁶⁴ Bellucci Direct, p. 20.

⁶⁵ Bellucci Direct, p. 43.

1 **Q: Do Indiana regulations require a minimum pressure of 25 psi?**

2 A: No. 327 IAC 8-3.4-12 identifies a minimum pressure limit of 20 psi under all
3 conditions of flow in the water distribution system and at ground level for a flow
4 rate equal to the peak daily consumer demand. Petitioner stated that 25 psi was
5 utilized within the Petitioner's hydraulic model as a factor of safety.

6 **Q: What effect does a higher 25 psi pressure criteria have on the hydraulic model?**

7 A: It causes the modeling results to appear worse than actual. It is more restrictive
8 because the pressure must only drop to 25 psi to be judged a low-pressure failure
9 instead of the actual 20 psi limit.

10 **Q: Did you discover any other problems with Commonwealth's hydraulic model?**

11 A: Yes. Commonwealth had several errors in the pipe inventory that were caused by
12 Petitioner's incomplete or inaccurate water system mapping. The following major
13 errors would significantly affect the results of hydraulic model:

- 14 1. The location for the new 300,000-gallon elevated water storage tank is
15 incorrect. The actual location is on a utility land owned parcel that is
16 approximately 2,500 feet south of the parcel shown in Figure ES-2
- 17 2. The 12-inch water transmission main along State Road 3 appears to have
18 been put into the model as a 29,088 LF main instead of the actual 42,300
19 LF main listed in Petitioner's IURC Annual Reports. Commonwealth's
20 model shows the 12-inch transmission main ending just south of Otisco
21 rather than its actual southern endpoint at the intersection of Harry Hughes
22 Road and State Road 3.
- 23 3. The recently completed 20,000 LF 8-inch water main along Harry Hughes
24 Rd., Opossum Trot Rd., and Highway 160 that ties into the 12-inch main at

- 1 State Road 3 was not included in the hydraulic model. Instead, the original
2 4-inch mains along the same Harry Hughes Rd. route were modeled.
- 3 4. Incorrect diameters were modeled for the existing mains along Fox Road,
4 Whittinghill Road, and Charlestown-Memphis Road as I previously
5 discussed.
- 6 5. A gap between mains was modeled where none exists for the existing mains
7 along Fox and Whittinghill Roads as I previously discussed.
- 8 6. The model included scenarios with a 200,000-gallon tank and a 350,000-
9 gallon tank but not the proposed 300,000-gallon tank.
- 10 7. The assumed peaking factor, defined as the maximum daily demand divided
11 by the average daily demand, may have been excessive. In the PER,
12 Commonwealth reported that the model utilized the IAC Standard peaking
13 factor of 2.5.⁶⁶ During the Tech-to-Tech meeting, Commonwealth
14 confirmed that it used a 2.5 peaking factor in the hydraulic model.⁶⁷ The
15 actual peaking factor was 1.41.⁶⁸
- 16 8. A 1,500-gpm fire flow was assigned to the model even though Petitioner
17 does not provide fire protection services.⁶⁹

⁶⁶ Preliminary Engineering Report, p. 3-9.

⁶⁷ However, in response to DR 6-7, Petitioner responded: IAC typically requires a peaking factor of 2.5 when the actual calculated peaking factor is less than 2.5. It was determined that a peaking factor of 2.5 would be overly conservative. To maintain economic viability, the historical peaking factor (1.5) was utilized in the model and applied to future growth. *See* Attachment JTP-9.

⁶⁸ Calculated by Commonwealth as peak flow of 604,000 gallons per day divided by the 427,000 gpd average daily flow equals 1.41.

⁶⁹ Preliminary Engineering Report, p. 3-7.

1 **Q: Are there other factors that may have affected the hydraulic model?**

2 A: Yes. Mr. Bellucci testifies that “the projected system demands allocate demand in
3 developing areas, leading to concentrated demand reducing pressures in other
4 sections of the distribution system.”⁷⁰ In response to discovery, Petitioner indicated
5 that an additional 500 homes from developments near Charlestown have been
6 forecasted.⁷¹ Including the demand of an additional 500 homes into the hydraulic
7 model would have significantly affected the results of the hydraulic model.
8 Although new developments were only mentioned in Petitioner’s testimony,
9 providing water to developers’ new subdivisions appears to be the real driver
10 behind Petitioner’s proposed connection to Indiana-American’s system.

11 **Q: How should Petitioner provide water to new subdivisions that want to connect**
12 **to MON’s system?**

13 A: Petitioner should follow the Commission’s Main Extension rules under 170 IAC 6-
14 1.5.and have the developers pay to extend the water mains to supply the water
15 volume needed to serve the subdivisions including fire flows rather than having all
16 ratepayers fund the main extensions.

17 **Q: What flow rate does Petitioner indicate will be conveyed through the proposed**
18 **8-inch water main?**

19 A: In the PER, Commonwealth stated: “This new eight (8)-inch water main will
20 provide a sufficiently sized water main to support a future connection with Indiana
21 American Water at Charlestown and provide an alternative supply source to the

⁷⁰ Bellucci Direct, p. 44.

⁷¹ Petitioner’s response to DR 6-11. See Attachment JTP-9. for Petitioner’s responses to DR 6-11 and PER excerpts regarding population forecasts.

1 twelve (12)-inch connection with the Stucker Fork Conservancy.”⁷² In response to
2 discovery asking “What flow does Petitioner or Indiana-American expect to be
3 conveyed through the new “sufficiently sized” 8-inch water main?,” Petitioner
4 responded that “Approximately 135 gpm at 80 psi is estimated to be provided at the
5 proposed location.”

6 **Q: Did Petitioner identify any emergency supply alternatives other than its**
7 **proposed new 8-inch emergency supply main?**

8 A: No. Petitioner described the emergency supply problem in the PER as follows:

9 The system currently lacks a sufficient alternative emergency supply
10 when the twelve (12)-inch Stucker Fork connection is out-of-
11 service. The existing six (6)-inch water main that connects to
12 Charlestown is undersized will not provide sufficient capacity to
13 meet average daily demand in emergency situations. The additional
14 projected customer demand discussed in Section 3 will also cause
15 additional strain on the system during emergencies.⁷³

16 The proposed 26,800 LF 8-inch water main was the *only alternative* identified
17 besides the “No Action” alternative. Petitioner does discuss two construction
18 method alternatives in the PER using either horizontal directional drilling (“HDD”)
19 or open trench excavation, but these are not separate alternatives to address
20 Petitioner’s stated reason for the 8-inch water project to provide an emergency
21 water supply.

22 **Q: Are there other lower cost alternatives to address the emergency water supply**
23 **issue when the twelve (12)-inch Stucker Fork connection is out-of-service?**

24 A: Yes. Petitioner could install the remaining 10,500 LF section of 12-inch water
25 transmission main along State Road 3 between Petitioner’s existing Booster Station

⁷² Preliminary Engineering Report, p. ES-10.

⁷³ Preliminary Engineering Report, p. 4-23.

1 (that is connected to Indiana-American's system) and Harry Hughes Road. This
2 will result in a continuous 12-inch transmission between both purchased water
3 suppliers. The south endpoint would be the existing Booster Station connected to
4 Indiana-American. The north endpoint would be the Stucker Fork connection at the
5 75,000-gallon Marysville elevated water storage tank.

6 **Q: Has this alternative been previously identified by Petitioner?**

7 A: Yes. In Petitioner's last rate case in 2003, Cause No. 42476-U, Petitioner requested
8 an Extensions and Replacements revenue requirement of \$106,667 per year to
9 install the 10,500 LF 12-inch water main described above.⁷⁴ Midwestern Engineers,
10 Inc., Petitioner's consultant at the time, estimated the cost to complete the 12-inch
11 transmission at \$320,000 to be funded over three years. The 12-inch main project
12 was described as an "additional 12[-inch] water transmission main between two
13 main supply sources in order to allow either source to be used as a supply to the
14 system."⁷⁵ In Settlement between the OUCC and Petitioner, the E & R revenue
15 requirement was set at \$116,667 with the requirement that it be placed in a restricted
16 account for use only on capital projects.⁷⁶

17 **Q: Did Petitioner complete the 12-inch main as it proposed in 2003?**

18 A: No.

19 **Q: Would completion address the emergency supply issue?**

20 A: Yes. It would also help address the main break issue on the original 1965 vintage
21 6-inch asbestos cement water mains. The \$554,100 Booster Station upgrade portion

⁷⁴ See Attachment JTP-8 for the Cause No. 42476-U Final Order, January 14, 2004, and the case documents.

⁷⁵ *Id.*, p. 33 of 58.

⁷⁶ Cause No. 42476-U Final Order, January 14, 2004, p. 3. See Attachment JTP-8.

1 of the Phase 1A project (300,000-gallon Elevated Water Storage Tank) includes
2 variable frequency drives to minimize pressure surges on the 6-inch asbestos
3 cement mains when the Booster Station pumps are started up in an emergency. New
4 12-inch C-900 PVC pipe would also reduce the needed pump pressures due to lower
5 friction losses and be better able to withstand pressure fluctuations without causing
6 main breaks.

7 **Q: Why did Petitioner not evaluate the 12-inch main alternative in this Cause?**

8 A: Commonwealth did not include any discussion about the 12-inch main option in
9 Mr. Bellucci's testimony or in the PER. In response to discovery, Petitioner
10 responded that it had considered that alternative:

11 A variation of this alternative (option) was considered; however,
12 performance benefits to the overall system were negligible. The
13 variation that was considered involved extending an 8-inch water
14 main in conjunction with replacing the existing 6-inch asbestos
15 cement water main alternative.⁷⁷

16 **Q: What do you conclude from Petitioner's response to DR 6-5?**

17 A: The Commission should consider the real purpose of Petitioner's proposed 26,800
18 LF 8-inch water main on the southeast side of its service area is to serve proposed
19 developments near Charlestown and not because of the need to establish another
20 emergency supply connection to Indiana-American's Charlestown system in
21 response to a Stucker Fork supply main break. As I stated earlier in my testimony,
22 Petitioner should procure funds for such infrastructure by following the
23 Commission's main extension rules under 170 IAC 6-1.5 when extending service
24 to new subdivisions. Petitioner should develop main extension agreements and

⁷⁷ Petitioner's response to DR 6-5. See Attachment JTP-9.

1 develop the estimated costs to design and construct the main extension. All costs
2 except a three-year revenue allowance are the responsibility of the developers and
3 should be paid to Petitioner.

4 **Q: Are there other alternatives for serving new subdivisions near Charlestown?**

5 A: Yes. The subdivisions could be served by Indiana-American who may be better
6 situated to serve due to location. It is unclear to me why Indiana-American is not
7 involved directly with the developers since they could be served with an Indiana-
8 American main extension from the south.⁷⁸

9 A lower cost improvement would be for Petitioner to replace the short
10 segments of undersized 2-inch and 3-inch mains on Whittinghill Road between Fox
11 Road and Charlestown-Memphis Road with 8-inch water main in accordance with
12 a prioritization plan for replacing undersized 2-inch and 3-inch mains as developed
13 in an Asset Management Plan. I estimate these segments total 4,700 LF. This would
14 reduce pressure loss and increase supply through the existing 4-inch and 8-inch
15 mains from the north. Water would then be available for the new subdivisions from
16 Petitioner's 4-inch main on Charlestown-Memphis Road from two directions and
17 from the new 8-inch connection to Indiana-American in the Danbury Oaks
18 subdivision.⁷⁹ Two water towers are available to supply the new subdivisions –
19 Petitioner's proposed 300,000-gallon water tower and Indiana-American's
20 500,000-gallon Gospel Road water tower.

⁷⁸ See Attachment JTP-18 for information on the new 5th connection to Indiana-American's water system and Petitioner's communications with Indiana-American.

⁷⁹ *Id.*

1 Due to higher housing density in subdivisions, fire protection is required.
2 Under Ten States Standards, the minimum size of main which provides for fire
3 protection and serving fire hydrants shall be six (6) inch diameter, with any
4 departure from minimum requirements to be justified by hydraulic analysis and
5 future water use only in special circumstances.⁸⁰

6 **Q: Do you have concerns about the need for a second emergency connection?**

7 A: Yes. Petitioner, in cooperation with Stucker Fork Conservancy District, should
8 address the problem at its source, which is the Stucker Fork outages on the primary
9 supply mains (12-inch and 20-inch) to Petitioner's system. Outages due to water
10 main breaks are common, but prolonged outages are unusual. In its Case-in-Chief
11 testimony and in the PER, Petitioner did not identify or describe the nature of the
12 outages on Stucker Fork's supply mains. To learn more about the outages, the
13 OUCC asked a series of data requests.⁸¹

14 **Q: How frequent are outages of Stucker Fork's water supply mains to Petitioner?**

15 A: In response to discovery, Petitioner clarified there have been three outages in the
16 last five years.⁸² The three outages were as follows:

- 17 1. January 2-6, 2021 - 12" Break, complete shut down for 120 hours.
- 18 2. April 9-14, 2021 - 20" Break, complete shut down for 144 hours.
- 19 3. November 14-16, 2022 - 20" Break, complete shut down for 72 hours.

⁸⁰ Section 8.2.2 – Pipe diameter, *Recommended Standards for Waterworks*, Great Lakes – Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers, 2022 Edition, also known as the Ten States Standards.

⁸¹ See Attachment JTP-19 for Petitioner's responses to data requests regarding outages on the water supply main from Stucker Fork.

⁸² *Id.*, Petitioner's response to DR 5-14 and DR 7-9.

1 **Q: Why did the outages last so long before Stucker Fork restored service to**
2 **Petitioner's system?**

3 A: In discovery, the OUCC asked why it took 144 hours (6 days) for Stucker Fork to
4 restore service in April 2021. Petitioner was unable to provide an explanation,
5 responding: "Petitioner is unaware of the reason that Stucker Fork took
6 approximately 144 hours to repair its 20-inch water main." Petitioner also did not
7 know if water service was disrupted to other Sales for Resale customers, such as
8 Washington Township Water Corporation of Clark County⁸³ It is concerning that
9 Petitioner does not know the reasons that the Stucker Fork outages were prolonged.

10 Through discovery I was able to confirm Petitioner purchased 4.344 MG of
11 water from Indiana-American through the existing emergency connection at the
12 Booster Station in January and April 2021, and in November 2022. The total
13 emergency purchased water cost for the three outages was \$14,251.70.⁸⁴

14 **Q: What communications were between Petitioner and Stucker Fork regarding**
15 **the outages and between Petitioner and Indiana-American regarding the start-**
16 **up of the emergency supply at the Booster Station?**

17 A: Petitioner was unable to provide copies of communications with either of their
18 water suppliers because communications were by telephone. In response to
19 discovery, Petitioner stated: "Communication with Stucker Fork about the three
20 water main breaks on Stucker Fork's supply, restoration of service, and boil water
21 advisories were all telephonic. Accordingly, no documents exist." Petitioner also
22 stated: "Communications with Indiana-American regarding the emergency supply

⁸³ *Id.*, Petitioner's responses to DR 7-9 (g) and (h).

⁸⁴ *Id.*, Petitioner's response to DR 7-9 (a). Note that Petitioner's reported days, billing periods and usage volumes provided in response to DR 7-9 do not exactly match the bills provided by Indiana-American.

1 of water due to the Stucker Fork supply main breaks were all telephonic.

2 Accordingly, no documents exist.”⁸⁵

3 **Q: Were Boil Water Advisories issued during the Stucker Fork outages?**

4 A: I could not find any Boil Water Advisories on IDEM’s Virtual File Cabinet that

5 Petitioner or Stucker Fork issued. In response to discovery, Petitioner indicated it

6 had issued one Boil Water Advisory on April 27, 2023, due to Indiana-American

7 replacing a 2" master meter (unspecified location), but that IDEM was not notified.

8 It appears no Boil Water Advisories were issued for the Stucker Fork outages.⁸⁶

9 **Q: What do you recommend regarding outages of the Stucker Fork supply main?**

10 A: Petitioner should work cooperatively with Stucker Fork to identify how Stucker

11 Fork’s outages can be resolved more quickly by Stucker Fork so that prolonged

12 outages do not re-occur. Nevertheless, outages due to main breaks are a regular

13 occurrence in the water utility business. They are not uncommon. I recommend

14 Petitioner update its Emergency Response Plan by adding procedures that are to be

15 taken for outages of the Stucker Fork supply mains.

16 **Q: What do you recommend regarding Petitioner’s proposed 8-inch water main**
17 **project?**

18 A: I recommend the Commission deny Petitioner’s request for financing authority for

19 the Phase 1B - Installation of 8” Water Main Loop at Charlestown because

20 Petitioner has not justified that the project is needed to provide another emergency

21 water supply connection. Petitioner only identified one project solution. The real

22 purpose for the project appears to be to allow service to potential developments

⁸⁵ *Id.*, Petitioner’s responses to DR 7-9 (e) and (f).

⁸⁶ Petitioner’s response to DR 6-1. *See* Attachment JTP-9.

1 near Charlestown that should instead be connected in conformance with the
2 Commission's main extension rules. As such, the main extensions should be funded
3 by developers requesting the water service and not by existing ratepayers. In
4 addition, there appear to be several errors in the hydraulic model inputs for water
5 mains diameters and lengths, pressures, demand, fire flows, and peaking factor that
6 overstate the pressure and chlorine residual results. Finally, there appears to be
7 lower cost alternatives to improve pressures during peak flows including addition
8 of 10,500 LF of 12-inch water transmission main along State Road 3 that was first
9 identified in Cause No. 42476-U, included as a revenue requirement in 2004, but
10 never built.

VII. RECOMMENDATIONS

11 **Q: What are your recommendations?**

12 **A:** I recommend the following:

- 13 1. I recommend as a standard practice for water main replacement projects that
14 Petitioner switch over all service connections to the new mains, retire the
15 original mains from service, and document all changes in Record Drawings, the
16 Asset Register and on System-wide mapping.
- 17 2. I recommend Petitioner complete the Asset Management Plan currently being
18 drafted by Petitioner's staff and consultants from DC Develop, LLC and that
19 Petitioner submit copies of the Final Asset Management Plan to the IURC and
20 the OUCC within six months of the issuance of the Final Order in this Cause.

- 1 3. I recommend Petitioner complete an accurate system map, determine actual
2 lengths of its water mains by pipe types, and the actual numbers of valves,
3 flushing hydrants, and fire hydrants in order to create an Asset Register and
4 system-wide map.
- 5 4. I recommend Petitioner notify the IURC and the OUCC when it has completed
6 its Asset Register and system-wide map.
- 7 5. I recommend the Commission approve Petitioner's request for financing
8 authority for the new 300,000-gallon tank and the Booster Station upgrades. I
9 also recommend that Petitioner's design engineer evaluate larger pumps and
10 corresponding VFDs at the Booster Station sized in conjunction with the four
11 other interconnections with Indiana-American's water system so that Petitioner
12 can receive 100% of its water supply from Indiana-American in the event of a
13 prolonged outage of the Stucker Fork water supply.
- 14 6. I recommend Petitioner work cooperatively with Stucker Fork to identify how
15 Stucker Fork's outages can be resolved more quickly by Stucker Fork so that
16 prolonged outages do not re-occur.
- 17 7. I recommend Petitioner update its Emergency Response Plan by adding
18 procedures that are to be taken for outages of the Stucker Fork supply mains.
- 19 8. I recommend that the Commission deny Petitioner's request for financing
20 authority for the Phase 1B - Installation of 8" Water Main Loop at Charlestown
21 because Petitioner has not justified that the project is needed to provide another
22 emergency water supply connection, there are lower cost alternatives to achieve

1 a 100% emergency supply from Indiana-American, and it appears the main

2 reason for the project is to serve potential developments near Charlestown.

3 **Q: Does this conclude your testimony?**

4 **A: Yes.**

Appendix A

1 **Q: Please describe your educational background and experience.**

2 A: In 1980 I graduated from Purdue University, where I received a Bachelor of Science
3 degree in Civil Engineering, having specialized in Environmental Engineering. I
4 then worked with the Peace Corps for two years in Honduras as a municipal
5 engineer and as a Project Engineer on self-help rural water supply and sanitation
6 projects funded by the U.S. Agency for International Development (U.S. AID). In
7 1984 I earned a Master of Science degree in Civil Engineering and Environmental
8 Engineering from Purdue University. I have been a Registered Professional
9 Engineer in the State of Indiana since 1986. In 1984, I accepted an engineering
10 position with Purdue University, and was assigned to work as a process engineer
11 with the Indianapolis Department of Public Works ("DPW") at the City's Advanced
12 Wastewater Treatment Plants. I left Purdue and subsequently worked for
13 engineering consulting firms, first as a Project Engineer for Process Engineering
14 Group of Indianapolis and then as a Project Manager for the consulting firm HNTB
15 in Indianapolis. In 1999, I returned to DPW as a Project Engineer working on
16 planning projects, permitting, compliance monitoring, wastewater treatment plant
17 upgrades, and combined sewer overflow control projects.

18 **Q: What are the duties and responsibilities of your current position?**

19 A: My duties include evaluating the condition, operation, maintenance, expansion, and
20 replacement of water and wastewater facilities at utilities subject to Indiana Utility
21 Regulatory Commission ("Commission") jurisdiction.

22 **Q: Have you previously testified before the Commission?**

23 A: Yes.

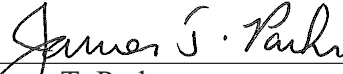
Appendix B - List of Attachments

- JTP-1 Township maps for Southeast Indiana showing Clark and Scott Counties townships and Petitioner's response to DR 2-1 regarding its service area.
- JTP-2 Purchased Water Detail for December 2021 to November 2022 in EXHIBIT 3 Attachments to the Verified Direct Testimony of Tracy Wyne Rate Study and Workpapers, pp. 136-137 of 214.
- JTP-3 Water Main information - Excerpts from Cause No. 42476 – OUCC Report, Bellucci Direct Testimony, Table 2-3 from the Preliminary Engineering Report, and Petitioner's response to DR 2-6.
- JTP-4 Board of Directors Meeting Minutes.
- JTP-5 Clark County Subrecipient Agreement for American Rescue Plan Act Local Fiscal Recovery Funds, for installation of a Three Hundred Thousand (300,000) gallon elevated water storage tank, September 28, 2023
- JTP-6 City of Charlestown Water Supply Agreement (expired), September 4, 1979
- JTP-7 Water Purchase Contract between the Stucker Fork Conservancy District and the Marysville-Otisco-Nabb Water Corporation, February 24, 1998
- JTP-8 Cause No. 42476-U Final Order and Case Documents
- JTP-9 Petitioner's responses to DR 6
- JTP-10 Woodstream Development information
- JTP-11 Professional Services Agreement by and between Marysville-Otisco-Nabb Water Corporation and DC Develop LLC, May 9, 2023.
- JTP-12 Petitioner's responses to DR 5 including DRs 5-5, 5-6, 5-7, and 5-8 regarding fire protection.
- JTP-13 Information about Rushville's 300,000-gallon elevated storage tank and the IDEM construction permits for Rushville and MON Elevated Storage Tanks.
- JTP-14 Cost Information - New 300K EST and Booster Station Upgrades
- JTP-15 Petitioner's responses to DR 7
- JTP-16 Petitioner's response to DR 2-1 – Active, Inactive, and Emergency Interconnections with Stucker Fork Conservancy District and Indiana-American's Charlestown system.
- JTP-17 Charlestown water system map showing interconnections with MON's system. Figure 6.1 Recommended Plan, Charlestown Water Improvements Project, Hannum, Wagle and Cline Engineering, 11/15/2004.
- JTP-18 Petitioner's responses to discovery and information on the proposed 5th connection to Indiana-American's system for the proposed 8-inch water main.

JTP-19 Petitioner's responses to data requests regarding outages on the water supply main from Stucker Fork.

AFFIRMATION

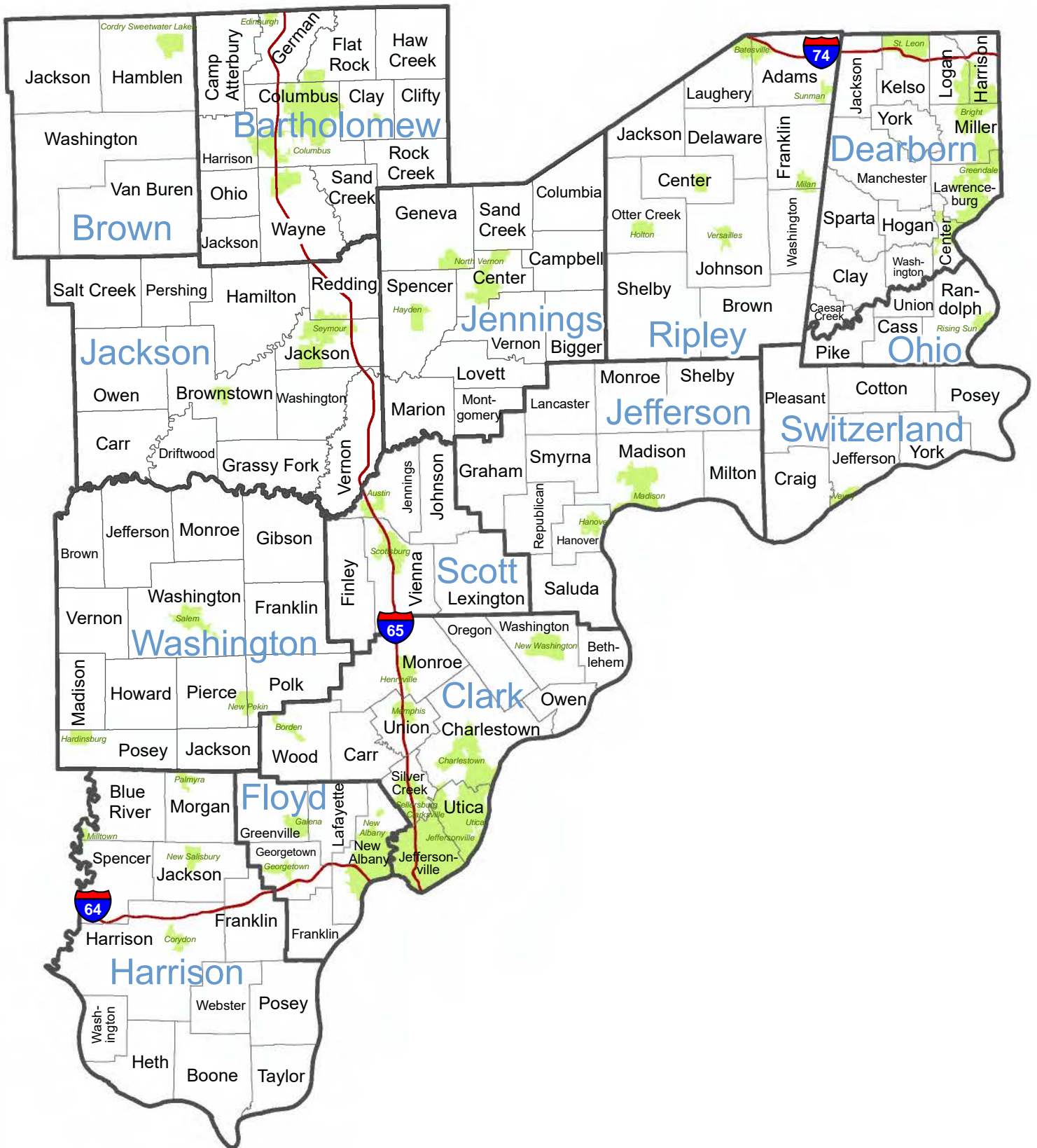
I affirm the representations I made in the foregoing testimony are true to the best of my knowledge, information, and belief.



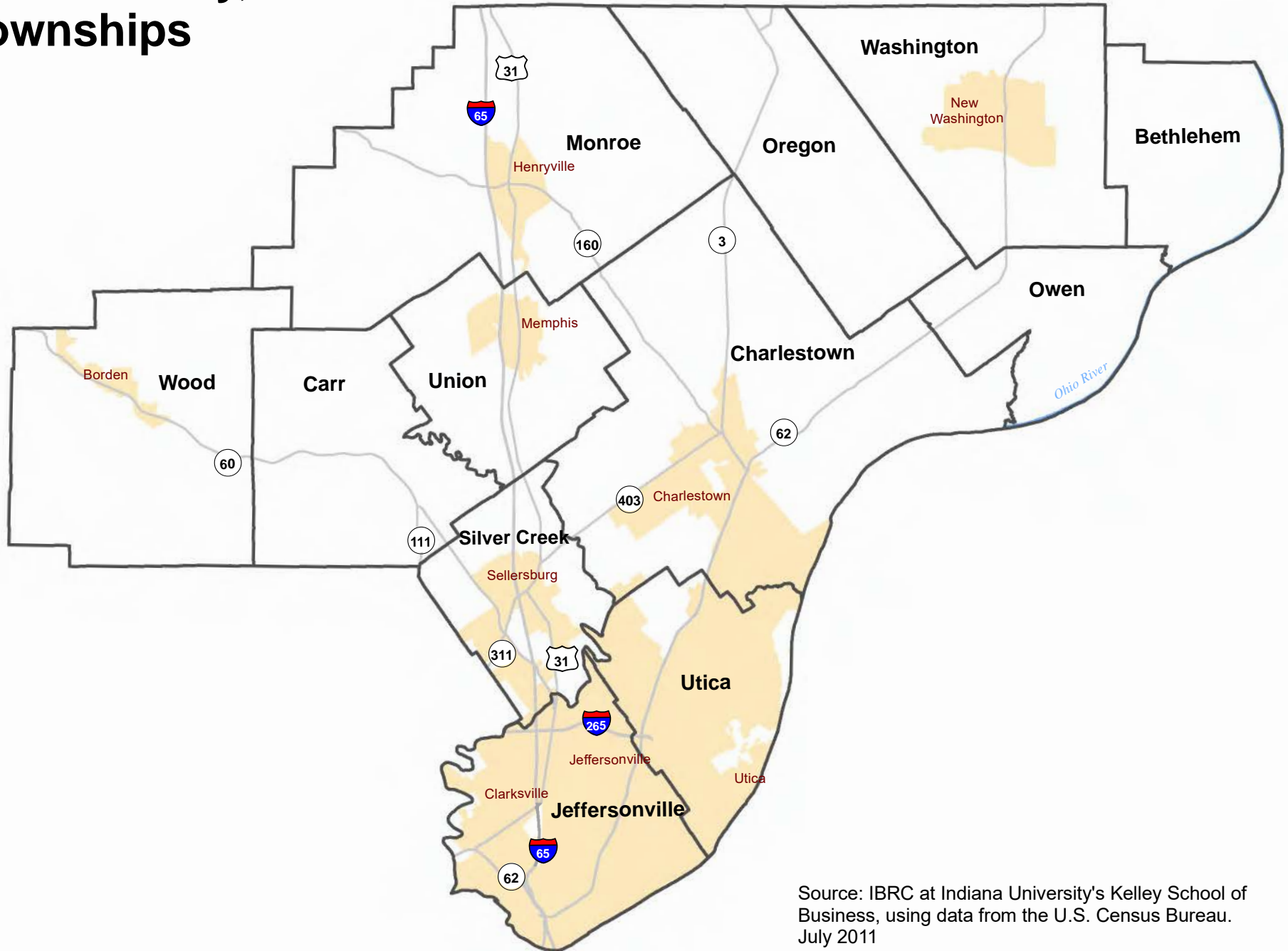
By: James T. Parks
Cause No. 45955
Office of Utility Consumer Counselor (OUCC)

Date: January 11, 2024

Southeast Indiana Townships By County

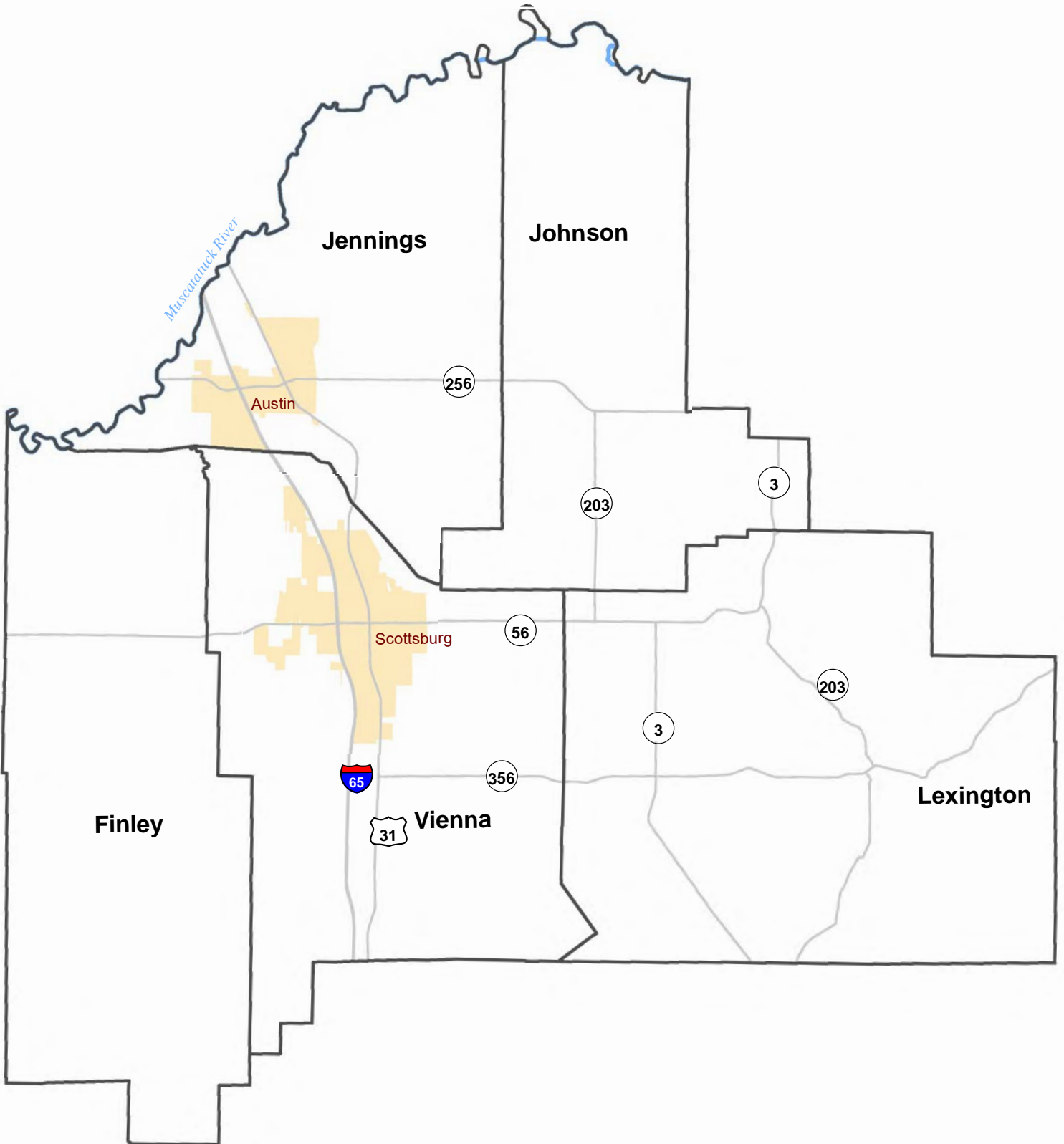


Clark County, Indiana Townships



Source: IBRC at Indiana University's Kelley School of Business, using data from the U.S. Census Bureau. July 2011

Scott County, Indiana Townships



subparts 4-5 of Question 10, and Questions 12, 13, and 14. Mr. Bellucci can be called as Petitioner's witness to answer questions regarding the substance of or origination of information in response to such questions.

Dana Miller, Office Manager for Petitioner, 7703 State Highway 3, Marysville, Indiana 47141, provided documentation and/or information in response to Questions 2, 3, 4, 5, 8, 9, subparts 1-3 of Question 10, and Question 11. Jerome Hentrup, a Salesman and Crop Consultant for Nutrien Ag Solutions, 71 S. Hwy. 3, Lexington, Indiana 47138, who serves as Secretary of Petitioner's Board of Directors, can be called as Petitioner's witness to answer questions regarding the substance of or origination of information in response to such questions.

RESPONSES

Q-2-1: Please refer to Mr. Bellucci's Direct testimony on page 4 indicating Petitioner's service area is in Clark and Scott Counties and generally consists of the Marysville, Otisco, and Nabb unincorporated communities. Please provide a copy of Petitioner's service area map.

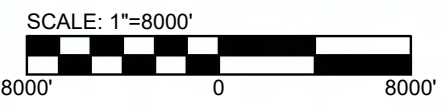
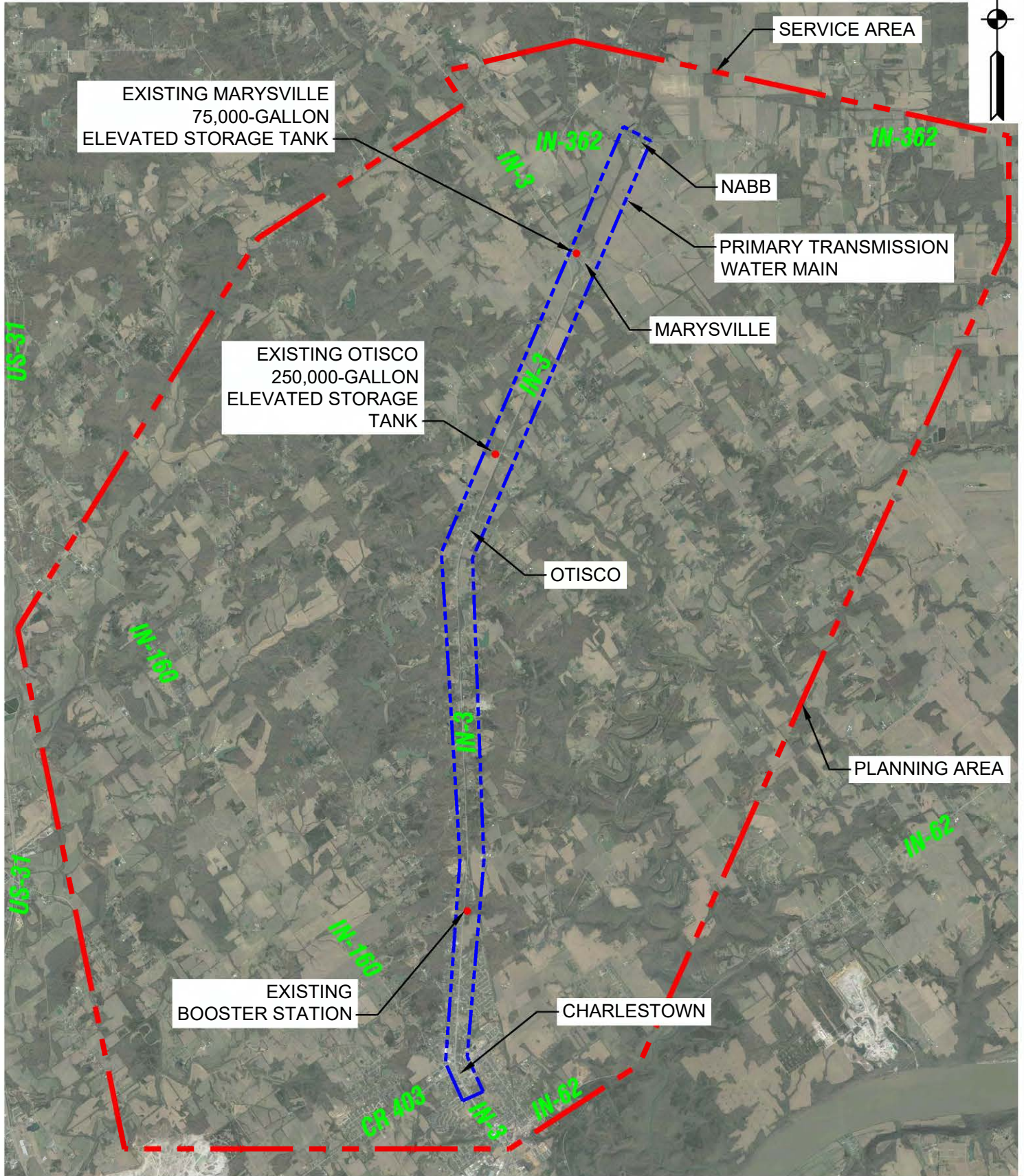
Response: A copy of Petitioner's Service Area Map is attached to this response as Figures 1-2 and 1-3 from Petitioner's Preliminary Engineering Report.

Q-2-2: Please identify all interconnections (both active and inactive) where Petitioner's water mains are or were physically connected to other utilities' water mains including Indiana-American (Charlestown system), Stucker Fork Conservancy District, and any other water utility. For ease of answering this data request, please provide the following information:

Response: See information provided in red in the below table.



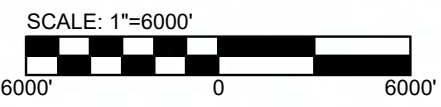
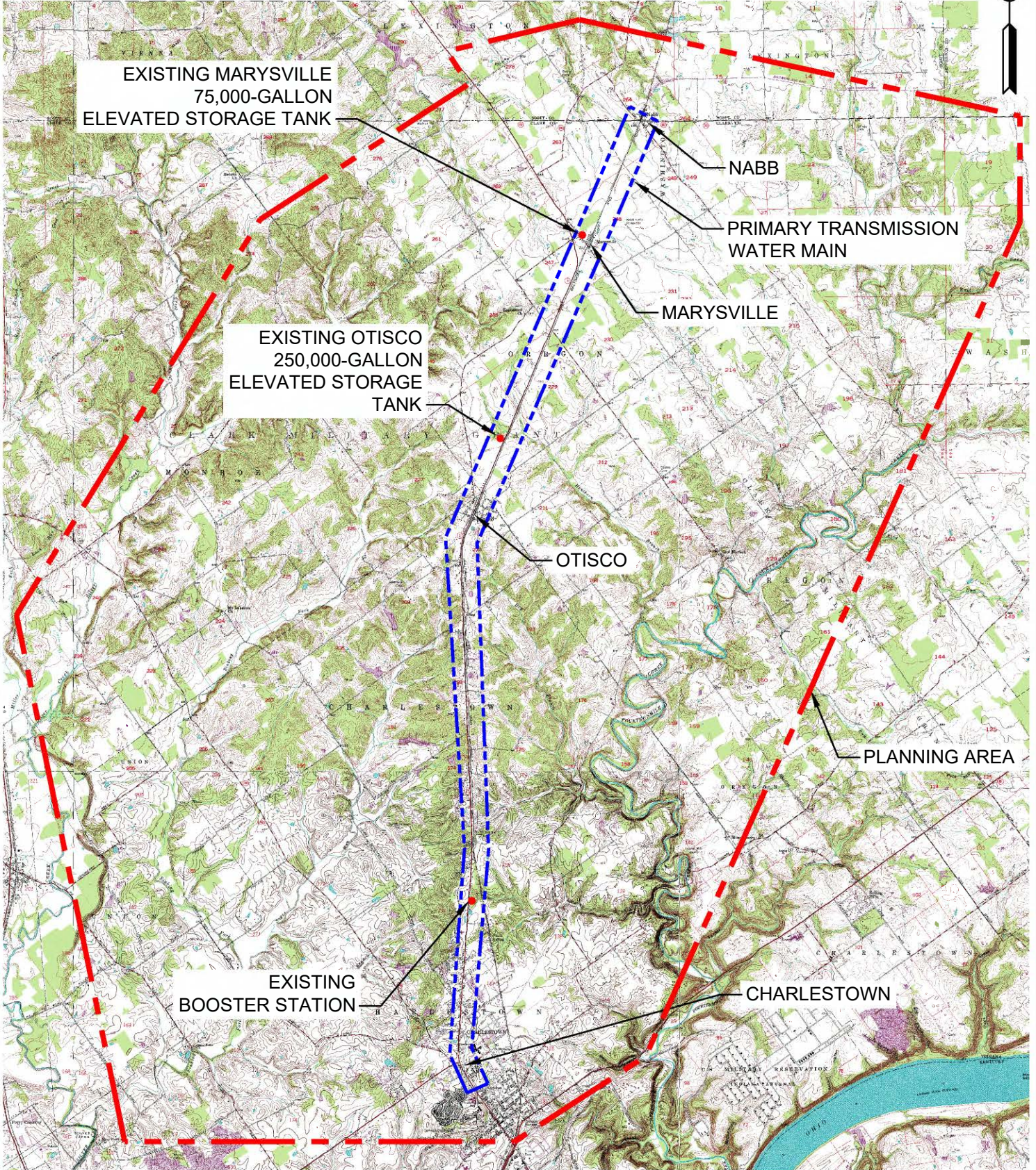
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CHARLESTOWN, MARYSVILLE, OTISCO AND NABB
CLARK AND SCOTT COUNTY, INDIANA
PRELIMINARY ENGINEERING REPORT
AERIAL MAP
FIGURE 1-2



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CHARLESTOWN, MARYSVILLE, OTISCO AND NABB
CLARK AND SCOTT COUNTY, INDIANA
PRELIMINARY ENGINEERING REPORT
TOPOGRAPHIC MAP
FIGURE 1-3

Marysville-Otisco-Nabb Water Corporation
 Purchased Water Detail
 12/31/2022

EXHIBIT 3 Attachments to the Verified Direct Testimony
 of Tracy Wyne, Rate Study and Workpapers
 10/02/2023, pp. 136-137 of 214.

	IAWC					
	1010-210040482803					
	Gallons	Water	Service	DSIC	Total	Gallons
Dec-21	169,000	470.95	137.74	12.81	621.50	211,000
Jan-22	109,900	306.26	137.74	12.81	456.81	180,000
Feb-22	192,000	535.05	137.74	12.81	685.60	145,400
Mar-22	34,100	95.03	137.74	14.16	246.93	182,900
Apr-22	-	-	137.74	25.39	163.13	267,300
May-22	168,500	469.56	137.74	25.51	632.81	369,200
Jun-22	224,400	625.34	137.74	25.73	788.81	511,100
Jul-22	228,700	637.32	137.74	25.73	800.79	343,600
Aug-22	152,800	425.81	137.74	25.73	589.28	328,700
Sep-22	178,600	497.70	137.74	25.73	661.17	378,800
Oct-22	208,300	580.47	137.74	25.73	743.94	324,700
Nov-22	180,300	502.44	137.74	25.73	665.91	388,100
	<u>1,846,600</u>	<u>5,145.93</u>	<u>1,652.88</u>	<u>257.87</u>	<u>7,056.68</u>	<u>3,630,800</u>

Total Water
 Total Service Chrg
 Total DSIC

Total Water Charges
 Total Gallons
 Weighted Average Cost per 1,000 gallon

EXHIBIT 3 Attachments to the Verified Direct Testimony
of Tracy Wyne Rate Study and Workpapers
10/02/2023, pp. 136-137 of 214.

IAWC 1010-220028816281				Stucker Fork	
Water	Service	DSIC	Total	Gallons	Water
587.99	137.74	12.81	738.54	14,188,000	36,037.52
501.61	137.74	12.81	652.16	11,167,000	28,364.18
405.19	137.74	12.81	555.74	12,874,000	32,699.96
509.69	137.74	13.74	661.17	11,605,000	29,476.70
744.88	137.74	25.39	908.01	11,415,000	28,994.10
1,028.85	137.74	25.49	1,192.08	16,022,000	40,695.88
1,424.28	137.74	25.73	1,587.75	13,257,000	33,672.78
957.51	137.74	25.73	1,120.98	15,853,000	40,266.62
915.99	137.74	25.73	1,079.46	11,156,000	28,336.24
1,055.60	137.74	25.73	1,219.07	14,089,000	35,786.06
904.84	137.74	25.73	1,068.31	11,119,000	28,242.26
<u>1,081.52</u>	<u>137.74</u>	<u>25.73</u>	<u>1,244.99</u>	<u>12,536,000</u>	<u>31,841.44</u>
<u>10,117.95</u>	<u>1,652.88</u>	<u>257.43</u>	<u>12,028.26</u>	<u>155,281,000</u>	<u>394,413.74</u>
					409,677.62 (Difference)
					3,305.76
					<u>515.30</u>
					413,498.68
				GL 601-0	<u>413,604.34</u>
				Pass locating	<u>(105.66)</u>
					409,677.62
					<u>160,758,400</u>
					<u>2.548405682</u>

**Purchased Water Summary
Marysville-Otisco-Nabb Water Corporation, Inc.**

Month/Yr	INAWC-Charlestown-1010					Stucker Fork		
	Charlestown Memphis Rd. 210040482803	Tunnel Mill Rd. Monroe St. 220028816281	INAWC Subtotal		INAWC % of Total	22900 Marysville Rd, Marysville, IN 1-11111-12	Stucker Fork % of Total	
	Gallons	Gallons	Gallons	gpd	Percent	Gallons	gpd	Percent
Dec-21	169,000	211,000	380,000	12,258	2.6%	14,188,000	457,677	97.4%
Jan-22	109,900	180,000	289,900	9,352	2.5%	11,167,000	360,226	97.5%
Feb-22	192,000	145,400	337,400	12,050	2.6%	12,874,000	459,786	97.4%
Mar-22	34,100	182,900	217,000	7,000	1.8%	11,605,000	374,355	98.2%
Apr-22	0	267,300	267,300	8,910	2.3%	11,415,000	380,500	97.7%
May-22	168,500	369,200	537,700	17,345	3.2%	16,022,000	516,839	96.8%
Jun-22	224,400	511,100	735,500	24,517	5.3%	13,257,000	441,900	94.7%
Jul-22	228,700	343,600	572,300	18,461	3.5%	15,853,000	511,387	96.5%
Aug-22	152,800	328,700	481,500	15,532	4.1%	11,156,000	359,871	95.9%
Sep-22	178,600	378,800	557,400	18,580	3.8%	14,089,000	469,633	96.2%
Oct-22	208,300	324,700	533,000	17,194	4.6%	11,119,000	358,677	95.4%
Nov-22	180,300	388,100	568,400	18,947	4.3%	12,536,000	417,867	95.7%
Total	1,846,600	3,630,800	5,477,400	15,007	3.4%	155,281,000	425,427	96.6%

Estimated volume by Indiana-American Water

Information Sources:

1. Purchased Water Summary, Cause No. 45955, Attachments to Verified Direct Testimony of Tracy Wyne Rate Study and Workpapers 10/02/2023, pp. 136-138 of 214
2. Monthly Reports of Operation submitted to IDEM (includes only Stucker Fork volumes).
3. 2021 and 2022 IURC Annual Reports
4. 2021 and 2022 Water Loss Reports provided in response to DR 2-9.

Purchased Water Summary
Marysville-Otisco-Nabb Water Corporation, Inc.

Month/Yr	Total Purchased Water									
	per Invoices		per MRO Reports		per IURC Annual Rpts.		Water Loss Rpt. DR 2-9			
	Gallons	gpd	Gallons	gpd	Gallons	gpd	IA Gals.	SF Gals.	Gallons	gpd
Dec-21	14,568,000	469,935	14,586,000	470,516	12,763,000	411,710	211,000	12,552,000	12,763,000	411,710
Jan-22	11,456,900	369,577	12,439,000	401,258	13,092,000	422,323	289,900	12,802,000	13,091,900	422,319
Feb-22	13,211,400	471,836	9,754,000	541,889	12,747,000	455,250	337,400	12,410,000	12,747,400	455,264
Mar-22	11,822,000	381,355	11,935,000	385,000	12,237,000	394,742	217,000	12,020,000	12,237,000	394,742
Apr-22	11,682,300	389,410	11,562,000	385,400	12,162,000	405,400	267,300	11,895,000	12,162,300	405,410
May-22	16,559,700	534,184	13,394,000	446,467	15,203,000	490,419	537,000	14,666,000	15,203,000	490,419
Jun-22	13,992,500	466,417	14,189,000	472,967	15,589,000	519,633	1,474,500	14,114,000	15,588,500	519,617
Jul-22	16,425,300	529,848	13,779,000	459,300	14,728,000	475,097	735,500	13,992,000	14,727,500	475,081
Aug-22	11,637,500	375,403	12,514,000	403,677	14,160,000	456,774	481,500	13,679,000	14,160,500	456,790
Sep-22	14,646,400	488,213	12,266,000	408,867	12,373,000	412,433	557,400	11,816,000	12,373,400	412,447
Oct-22	11,652,000	375,871	12,135,000	391,452	13,475,000	434,677	533,000	12,942,000	13,475,000	434,677
Nov-22	13,104,400	436,813	11,060,000	395,000	12,358,000	411,933	2,417,400	9,940,800	12,358,200	411,940
Total	160,758,400	440,434	149,613,000	426,248	160,887,000	440,786	8,058,900	152,828,800	160,887,700	440,788

Information Sources:

1. Purchased Water Summary, Cause No. 45955, Attachments to Verified Direct Testimony of Tracy Wyne Rate Study and Workpapers 10/02/2023, pp. 136-138 of 214
2. Monthly Reports of Operation submitted to IDEM (includes only Stucker Fork volumes).
3. 2021 and 2022 IURC Annual Reports
4. 2021 and 2022 Water Loss Reports provided in response to DR 2-9.

MARYSVILLE-OTISCO-NABB WATER CORPORATION

09/29/2003

REPORT OF THE INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR

Cause No. 41476-U

Introduction

Petitioner, a Class B Not-For-Profit Water Utility, located at P.O. Box 86, Otisco, Indiana, provides water utility service to approximately 2,600 customers in Clark County. The facilities for Marysville-Otisco-Nabb Water Corporation consist of two (2) water storage tanks, (250,000 and 75,000 gallon elevated steel tanks) and a transmission and distribution system of mains ranging in size from two (2) inches to twelve (12) inches in diameter extending a total of 1,287,264 feet (243.8 miles) with 93 public fire hydrants.

The Utility's last base rate increase in Cause No. 31279, was approved October 6, 1966. Petitioner's current Water Cost Tracker rate of \$0.94 per thousand gallons of water was approved by the Commission on October 14, 1988.

On June 30, 2003, Marysville-Otisco-Nabb Water Corporation filed a small utility application for a rate change. The Indiana Utility Regulatory Commission considered the application complete on July 11, 2003.

Relief Requested: In this Cause, Petitioner requested an across-the-board rate increase of 26.55% to fund capital improvements to the water transmission main totaling an estimated \$320,000 and an increase in operating and maintenance expenses.

Marysville-Otisco-Nabb Water Corporation, Inc.
NAME OF UTILITY

YEAR OF REPORT
December 31, 2022

Directions: Complete this worksheet if utility serves fewer than 10,000 customers.

METERING TECHNOLOGY

TYPE OF METER - (R)adio Read, (M)anual, (T)ouch Pad, etc. (a)	CURRENT NUMBER ON SYSTEM (b)	NUMBER INSTALLED DURING THE YEAR (c)	OF THE NUMBER INSTALLED HOW MANY WERE REPLACEMENTS? (d)
R	2,683	30	2
M	75		

- 1. Is raw water metered? N/A
If yes, please provide the last date meter was tested. N/A
- 2. Is finished water metered? N/A
If yes, please provide the last date meter was tested. N/A

INVENTORY OF MAINS

Mains:			
Size (inches).....	12"	8"	6"
Type of main (PVC, DI, CI, etc.).....	PVC	PVC	CI
Length of main (nearest foot):			
Beginning of year.....	42,300	6,280	50,000
Added during year.....		7,290	1,720
Retired during year.....			
End of year.....	42,300	13,570	51,720
Of the main added, what percentage was for replacement of pipe?			
Mains:			
Size (inches).....	6"	4"	3"
Type of main (PVC, DI, CI, etc.).....	PVC	PVC	PVC
Length of main (nearest foot):			
Beginning of year.....	44,800	197,360	210,530
Added during year.....			
Retired during year.....			
End of year.....	44,800	197,360	210,530
Of the main added, what percentage was for replacement of pipe?		Accountign 1265	

**Table 2-2
Historical Water Corporation Capital Projects**

Date	Name of Project	Description
1965-1967	Original Distribution Construction	The initial distribution system was constructed to supply water to 187 area residents.
1966	Marysville Tank Construction	Original 75,000-gallon elevated storage tank constructed.
1967-2023	Transmission and Distribution Main	Continuous transmission and distribution main, valve, and hydrant construction and replacements.
Late 1990s – Early 2000s	Otisco Tank Construction	Originally 75,000-gallon Elevated Storage Tank constructed.
2013	Otisco Elevated Storage Tank Replacement	The Otisco 75,000-gallon Elevated Storage Tank was replaced with a 250,000-gallon Elevated Storage Tank.

2.2 Existing Water Corporation Design Assets

The total length of pipe within the entire system is approximately 709,600 LF. The oldest water mains within the distribution system are assumed to have been installed in the late 1960s. The typical life expectancy of pressurized water pipe is approximately 40-50 years, depending on soil condition, water chemistry, etc. The oldest water mains in the system may be beyond their useful life.

The Water Corporation is connected to the Stucker Fork Conservancy District where the majority of purchased water is sourced. The Stucker Fork Conservancy District is connected to the Marysville Elevated Storage Tank. The Indiana American Water is connected from the southern end of the distribution system from Charlestown. The average operating pressure of the distribution system is approximately 75 psi.

For a summary of water mains, hydrants, valves, and storage capacity, see **Table 2-3** and **Table 2-4** below.

**Table 2-3
Distribution System – Water Main Inventory**

Water Mains Size	Pipe Material	Quantity
2"	SCH 30 PVC, PVC	227,201 LF
3"	SCH 30 PVC, PVC	386,898 LF
4"	SCH 30 PVC, PVC	172,559 LF
6"	AC, SCH 30 PVC, PVC	55,636 LF
8"	SCH 30 PVC, PVC	1,208 LF
12"	SCH 30 PVC, PVC	29,088 LF

872,590 LF 2" thru 12"
645,389 LF 3" and above only

1 **9. CAN YOU GENERALLY DESCRIBE MON’S SERVICE AREA AND CUSTOMER**
2 **BASE?**

3 a. The Service Area of the Utility is located within Clark and Scott Counties and
4 generally consists of the unincorporated communities of Marysville, Otisco, and
5 Nabb. The Utility serves approximately 2,500 customers and was originally created
6 in 1965.

7 **10. WHAT FACILITIES DOES MON CURRENTLY OWN AND/OR OPERATE?**

8 a. MON owns and operates two elevated storage tanks and corresponding distribution
9 system that serves the unincorporated communities of Marysville, Otisco, and
10 Nabb. The Marysville tank is a 75,000 gallon elevated tank and the Otisco tank is
11 a 250,000 gallon elevated tank. During normal operations, the Utility’s water
12 supply is purchased from the Stucker Fork Conservancy District and conveyed
13 through a 12” transmission main. In emergency conditions, water can be purchased
14 from Indiana American Water through a booster station and dedicated six-inch
15 water main. The total length of pipe within the entire system is approximately
16 709,600 LF. The oldest water mains within the distribution system are assumed to
17 have been installed in the late 1960s. The Stucker Fork Conservancy District
18 connection supplies water to the Marysville Elevated Storage Tank. The Indiana
19 American Water emergency connection is connected at the southern end of the
20 distribution system from Charlestown, IN. The average operating pressure of the
21 distribution system is approximately 75 psi. The Utility’s existing infrastructure is
22 further described in Section 2 of the Preliminary Engineering Report.

Q-2-6: Please reference the following documents:

- a. Petitioner's 2022 IURC Annual Report indicating Petitioner has an Asset Management Plan (p. W-8) and 560,280 lineal feet ("LF") of water mains (p. W-9); and
- b. Mr. Bellucci's Direct testimony on page 4 indicating Petitioner has approximately 709,600 LF of water mains with the oldest mains installed in the late 1960s.

Please explain the discrepancy in the reported total water main lengths, report the correct length of Petitioner's water mains, and provide Petitioner's current water main inventory, listing pipe diameters, pipe types (PVC, cast iron, ductile iron, asbestos cement, etc.) lengths in feet, and years installed.

Response: The Petitioner's Annual Report excludes all water mains smaller than 3-inch diameter. The Petitioner maintains approximately 165,380 LF of 2-inch diameter water mains. Refer to the attached revised Table 2-3 from the Petitioner's Preliminary Engineering Report for the requested inventory information. Discrepancies are associated with using satellite imagery to establish baseline quantities for each noted diameter of water main.

Q-2-7: Please refer to Mr. Bellucci's Direct testimony, Appendix G which is the IDEM Permit for Public Water Supply Construction, Permit No. WS-11016 issued March 26, 2013, for the installation of approximately 20,000 feet of 8-inch PVC pipe and 750 feet of 12-inch PVC pipe and a 250,000-gallon elevated water storage tank. Please provide a copy of the finalized design drawings approved by IDEM.

Response: The finalized design drawings are attached to this response.

Q-2-8: Has Petitioner's water system been appraised within the last six years? If so, please provide a copy of the water system inventory of water mains, hydrants, valves, water tanks, meters, etc. and indicate the year it was prepared.

Response: No appraisal has occurred within the last six (6) years. There are therefore no documents responsive to this Request.

Q-2-9: Please refer to Petitioner's 2022 IURC Annual Report, page W- 6 which states that the Utility maintains a database identifying when, where, and why main breaks occurred on the system, the estimated water lost and the cost of repairs. Please provide a copy of Petitioner's water main break database showing the water main break information for January 1, 2018 to the present. Please also state how many water main breaks occurred on the nine miles of 6-inch diameter asbestos cement water main.

Revised Table 2-3

**Table 2-3
Distribution System – Water Main Inventory**

Water Mains Size	Pipe Material	Quantity*	Year Installed**
2"	SCH 30 PVC, PVC	165,380 LF	1960s
3"	SCH 30 PVC, PVC	298,420 LF	1960s
4"	SCH 30 PVC, PVC	156,550 LF	1960s
5"		2,030 LF	1960s
6"	AC, SCH 30 PVC, PVC	72,270 LF	1960s
8"	SCH 30 PVC, PVC	520 LF	1960s, 2013
8" + preinstalled 8"	SCH 30 PVC, PVC	5,810 LF	1960s, 2013
12"	SCH 30 PVC, PVC	25,700 LF	1960s, 2013
Total Water Main Installed			
Total Length Without 2" Water Main		560,780 LF	
Total Length With 2" Water Main		726,160 LF	
<p>* Water main quantities were estimated using the satellite feature of the Water Gems Water Model. This estimate assumed that the water mains had a depth equal to the minimum depth of cover (36") for Scott and Clark County from 327 Ind. Admin. Code 8-3.2.-17.</p> <p>**The year installed refers to the dates of the major known capital improvements projects and does not include any intermediary water main projects. Water mains were installed prior to and after these dates, but the specific information is not known.</p>			

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on January 12, 2021

Directors present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup, and Asst. Secretary Bowen.

Employees present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:07 p.m. with a quorum present.

The minutes of December 8, 2020 were reviewed. A motion was made by Asst. Secretary Bowen to approve regular meeting minutes and Executive meeting minutes. This motion was seconded by Vice President Hodson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed

Superintendent Masingo gave progress report on Harry Hughes Rd main extension that 5500 ft water main is complete.

Superintendent Masingo informed the Board of Directors that current insurance policy did not cover fence, but he did add insurance coverage to include fence.

Superintendent Masingo informed the Board of Directors that hard drive on surveillance system went out. Cost to connect existing cameras and new hard drive will be \$1155.14. A motion was made by Asst. Secretary Bowen to replace hard drive and connect existing cameras. This motion was seconded by Vice President Hodson. Motion Carried.

Superintendent Masingo gave update on Stucker Fork Utilities 12-inch main break. Also, informed the board on main breaks that occurred during this time Marysville Otisco Nabb Water was purchasing water from Indiana American Water.

A motion was made by Asst. Secretary Bowen to approve the new memberships. This motion was seconded by Treasurer Robinson. Motion carried

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

A motion was made by Asst. Secretary Bowen to adjourn the meeting. This motion was seconded by Vice President Hodson. Motion Carried. The meeting adjourned at 8:15 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on February 9, 2021

Directors present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup, and Asst. Secretary Bowen.

Employees present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:11 p.m. with a quorum present.

The minutes of January 12, 2021 were reviewed. A motion was made by Asst. Secretary Bowen to approve minutes. This motion was seconded by Vice President Hodson.
Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed

Superintendent Masingo gave progress report on Harry Hughes Rd main extension that first phase was complete exception of installing the hydrant.

Superintendent Masingo informed the Board of Directors the he could install lights in the office himself for half the cost. After discussion Asst. Secretary Bowen made a motion to purchase new lights for the office. This motion was seconded by Vice President Hodson. Motion Carried.

Superintendent Masingo discussed with the board doing the remaining of Harry Hughes main extension in phases, with second phase ending at intersection of Harry Hughes and Opossum Trot. A motion was made by Asst. Secretary Bowen to finish the project in phases. This motion was seconded by Vice President Hodson. Motion Carried.

Superintendent Masingo explained to the Board of Directors that Sherman, Barber, and Mullikin, CPAs informed us that Marysville Otisco Nabb Water wasn't in compliance with the IURC Executive Orders on applying late fees, reconnect fees, and service fees. These fees could not be applied until August 12, 2020. But Marysville Otisco Nabb Water was in compliance with Governor Holcomb Executive Order. After lengthy discussion on refunded late fees, service fees, and reconnect fees applied to customers account before August 12, 2020, a motion was made by Asst. Secretary Bowen not to

refund late fee, service fee, and reconnect fee applied. This motion was seconded by Vice President Hodson. Motion Carried motion

A motion was made by Treasurer Robinson to approve the new memberships. This motion was seconded by Secretary Hentrup. Motion carried

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Asst. Secretary Bowen. Motion carried.

President Duvall adjourned the meeting at 8:16 p.m.

A handwritten signature in cursive script, appearing to read "Melissa Duvall". The signature is written in black ink and is positioned above the printed name.

President Melissa Duvall

Minutes of the annual meeting of the Marysville
Otisco Nabb Water Corp. held at the water office
On Monday, March 22, 2021

Directors present were President Duvall, Vice President Hodson, Asst. Secretary Bowen and Secretary Hentrup.

Employees present were Tony Masingo, Dana Miller, and Dorah Henning,

The meeting was called to order at 7:12 p.m. by President Duvall.

A motion was made by Asst Secretary Bowen to approve June 22, 2020 Annual Meeting Minutes. This motion was seconded by Vice President Hodson. Motion carried.

There was no election held as the incumbent went uncontested

Asst. Secretary Bowen made a motion for no reading of the financial report. This motion was seconded by Vice President Hodson. Motion Carried.

There was no old business to report.

Asst. Secretary Bowen made a motion that Board of Director Officer's stay the same. This motion was seconded by Vice President Hodson. Motion carried.

A motion was made by Asst. Secretary Bowen to adjourn the annual meeting. This motion was seconded by Vice President Hodson. Motion carried.
The meeting adjourned at 7:14 p.m.

President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on March 9, 2021

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup, and Asst. Secretary Bowen.

Employee's present were Tony Masingo and Dana Miller

Special Guest present was Christine Dattilo

President Duvall called the meeting to order at 7:03 p.m. with a quorum present.

At this time President Duvall turned the floor over to Ms. Dattilo to give her presentation on the audited financial statement.

Ms. Dattilo went over the end of year financial statement with the Board of Directors.

The minutes of February 9, 2021 were reviewed. A motion was made by Asst. Secretary Bowen to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed

Superintendent Masingo informed the Board of Directors that phase II of Harry Hughes main extension bids were sent out to local contractors.

Superintendent Masingo updated the Board of Directors on progress of replacing lights in the office.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Treasurer Robinson. Motion carried

A motion was made by Asst Secretary Bowen approve the monthly bills. This motion was seconded by Vice President Hodson. Motion carried.

President Duvall adjourned the meeting at 7:53 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on April 13, 2021

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup, and Asst. Secretary Bowen.

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:10 p.m. with a quorum present.

The minutes of March 9, 2021 were reviewed. A motion was made by Asst. Secretary Bowen to approve minutes. This motion was seconded by Vice President Hodson.
Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed

Superintendent Masingo updated the Board of Directors that seeding and straw was being completed in the next weeks on phase I of Harry Hughes main extension.

Superintendent Masingo informed the Board of Directors he spoke to Charlestown Fire Department about help with purchasing fire hydrants. At this time no money available

Superintendent Masingo gave update on Stucker Fork Utility main break.

Superintendent Masingo passed out bid proposal from Dave O'Mara Contractors, Inc. and Richard Henderson Inc. After brief discussion a motion was made by Asst Secretary Bowen to award Dave O'Mara bid on phase II of Harry Hughes Rd main extension. This motion was seconded by Treasurer Robinson. Motion Carried

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Asst. Secretary Bowen. Motion carried

A motion was made by Asst Secretary Bowen approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 8:14 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on May 11, 2021

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup, and Asst. Secretary Bowen.

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:09 p.m. with a quorum present.

The minutes of April 13, 2021 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed, Superintendent reported we fixed a couple of leaking setters and flushed water.

Superintendent Masingo reported that Ms. Righthouse approached him about selling more land around Marysville tank site. At this time the Board of Directors asked for Superintendent to get more information.

Superintendent Masingo gave update on Dave O'Mara Contractors, Inc. starting on phase II, Harry Hughes main extension in the next couple weeks.

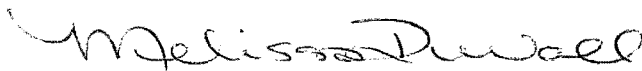
Superintendent Masingo reported on the fire hydrant he purchased. After brief discussion Asst. Secretary Bowen made a motion to purchase two more fire hydrants. This motion was seconded by Secretary Hentrup.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Treasurer Robinson. Motion carried

A motion was made by Vice President Hodson approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

Miller spoke to the Board of Directors about upgrading the current billing software in October or November. At this time Miller will get prices together for upgrade.

President Duvall adjourned the meeting at 8:14 p.m.



President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on June 15, 2021

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup, and Asst. Secretary Bowen.

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:06 p.m. with a quorum present.

The minutes of May 11, 2021 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Asst Secretary Bowen.
Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed, Superintendent reported we had six inch main break, a couple of leaking setters and flushed water.

Superintendent Masingo reported that Hawks Landing subdivision phase II was moving forward with approximately 45 new homes. Also, two new subdivisions in the beginning stages of planning asked about Marysville Otisco Nabb Water Corp. supplying water, Clapp Road 50 homes and Oaks Farm 100 homes.

Superintendent Masingo gave update on Dave O'Mara Contractors, Inc. starting on phase II, Harry Hughes main extension in the next couple weeks.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Treasurer Robinson. Motion carried

A motion was made by Vice President Hodson approve the monthly bills. This motion was seconded by Asst Secretary Bowen. Motion carried.

Miller gave three different billing upgrade proposal after long discussion, Vice President Hodson made a motion to upgrade billing, accounts payable and payroll software after speaking with auditors and other vendors. This motion was seconded by Treasurer Robinson. Motion carried.

Miller informed the Board of Directors that Marysville Otisco Nabb Water Corp. was experiencing phone trouble with AT&T. She spoke with Community Wireless about phone service and the monthly fees. After discussion Miller will continue looking into other options.

President Duvall adjourned the meeting at 8:15 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on July 13, 2021

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup, and Asst. Secretary Bowen.

Employee's present were Tony Masingo, Dana Miller, and Dorah Henning.

President Duvall called the meeting to order at 7:15 p.m. with a quorum present.

The minutes of June 15, 2021 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed, Superintendent reported we had multiple breaks that was found and repaired quickly.

Superintendent Masingo reported that he attended the Clark County Council Meeting on July 12, 2021 to express interest in American Rescue Plan Grant Money. Superintendent Masingo will meet with Richard Burch with Midwest Engineer on Wednesday, July 14, 2021 to get estimate cost in installing main to the tank site. At this time Asst. Secretary Bowen stated that Superintendent Masingo needed to get on Clark County Commissioner meeting agenda on July 22, 2021.

A motion was made by Asst. Secretary Bowen to approve the new memberships. This motion was seconded by Treasurer Robinson. Motion carried

A motion was made by Vice President Hodson approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

Miller updated the Board of Directors about phone problems. At this time, she will continue reviewing further options.

President Duvall adjourned the meeting at 8:15 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on August 10, 2021

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, and Asst. Secretary Bowen.

Employee's present were Tony Masingo and Dana Miller.

President Duvall called the meeting to order at 7:00 p.m. with a quorum present.

The minutes of July 13, 2021 were reviewed. A motion was made by Asst. Secretary Bowen to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed, Board of Director asked for breakdown each leak gallons lost.

Superintendent Masingo reported that after speaking with County Commissioner he advised him to revise letter sent for American Rescue Plan Grant Money and submit full amount to finish project. A revised letter was sent in two phases first 290,000 and second phase for 1,210,000.

Superintendent Masingo gave update on Harry Hughes Rd. phase II project that all pipe was in the ground. Also, that contractor hit more rock then originally suspected and had to remove tree on property that will need replaced.

A motion was made by Asst. Secretary Bowen to approve the new memberships. This motion was seconded by Vice President Hodson. Motion carried

A motion was made by Vice President Hodson approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

Miller gave cost for new Dell Notebook and Microsoft office. A motion was made by Vice President Hodson to purchase new notebook. This motion was seconded by Asst. Secretary Bowen. Motion Carried

A motion was made by Asst. Secretary Bowen to adjourn the meeting. This motion was seconded by Vice President Hodson. Motion Carried. The Meeting adjourned at 7:45 pm


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on September 14, 2021

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, and Asst. Secretary Bowen.

Employee's present were Tony Masingo and Dana Miller.

President Duvall called the meeting to order at 7:03 p.m. with a quorum present.

The minutes of August 10, 2021 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo gave update on Harry Hughes Rd phase II project.

Superintendent Masingo asked for Marysville Otisco Nabb Water Corporation to sign a letter of intent to service Blankenbaker project on Chas Memphis Road. After discussion, a motion was made by Asst. Secretary Bowen to sign the letter of intent. This motion was seconded by Vice President Hodson. Motion Carried.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Secretary Hentrup. Motion carried

A motion was made by Vice President Hodson approve the monthly bills. This motion was seconded by Asst. Secretary Bowen. Motion carried.

President Duvall adjourned the meeting at 8:43 pm


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on October 12, 2021

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, and Asst. Secretary Bowen.

Employee's present were Tony Masingo and Dorah Henning.

President Duvall called the meeting to order at 7:04 p.m. with a quorum present.

The minutes of Sept 14, 2021 were reviewed. A motion was made by Vice President Hodson to approve minutes with change. This motion was seconded by Treasurer Robinson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

The Board of Directors asked about American Rescue Fund Grant. Superintendent Masingo did not have update at this time. The Board of Directors asked that Superintendent contact the County Commissioner's office regarding grant money.

Superintendent Masingo received quotes on Hawks Landing final phase. At this time Marysville Otisco Nabb Water will wait and order materials at a later date.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Treasurer Robinson. Motion carried

A motion was made by a Asst. Secretary Bowen to approve the monthly bills. This motion was seconded by Vice President Hodson. Motion carried.

President Duvall adjourned the meeting at 7:46 pm


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on November 9, 2021

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, and Secretary Hentrup.

Employee's present were Dana Miller.

President Duvall called the meeting to order at 7:07 p.m. with a quorum present.

The minutes of October 12, 2021 were reviewed. A motion was made by Vice President Hodson to approve minutes with change. This motion was seconded by Treasurer Robinson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed. Miller asked that the Board of Directors review the inactive accounts that should be wrote off before December 31, 2021.

Lost Water Report was reviewed.

Miller reported that Superintendent spoke with Commissioner Bryan Glover. Glover stated that the Commissioners recommendation would be to award Marysville Otisco Nabb Water Corporation the 290,000 to the County Council.

The Annual Marysville Otisco Nabb Water Corporation Meeting will be advertised on the monthly bills in December, January and February. Both incumbent candidates Hodson and Duvall will seek re-election.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Treasurer Robinson. Motion carried

A motion was made by Treasurer Robinson to approve the monthly bills. This motion was seconded by Vice President Hodson. Motion carried.

A motion was made by Vice President Hodson to table annual review. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 8:34 pm


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on December 14, 2021

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Asst. Secretary Bowen and Secretary Hentrup.

Employee's present were Tony Masingo and Dana Miller.

President Duvall called the meeting to order at 7:17 p.m. with a quorum present.

The minutes of November 9, 2021 were reviewed. A motion was made by Secretary Hentrup to approve minutes with change. This motion was seconded by Treasurer Robinson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed. After discussion a motion was made by Vice President Hodson to write off the accounts Miller recommended. This motion was seconded by Asst. Secretary Bowen. Motion Carried

Lost Water Report was reviewed.

Superintendent Masingo spoke with Commissioner Bryan Glover about American Rescue Funding. Glover stated that allocation of funding will be at the next Commissioner meeting and that Marysville Otisco Nabb Water Corporation would be awarded \$290,000.

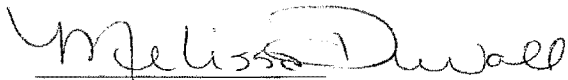
Superintendent Masingo stated that with the cost of material, system improvements, and future growth that Marysville Otisco Nabb Water Corporation should apply for rate increase for water and tap fees. After discussion the Board of Directors asked that Miller contact Sherman, Barber and Mullikin to start the process for rate increase.

Superintendent Masingo suggested to start a meter change out program. After a discussion a motion was made by Vice President Hodson to start meter change out program. This motion was seconded by Secretary Hentrup. Motion Carried.

A motion was made by Treasurer Hentrup to approve the new memberships. This motion was seconded by Vice President Hodson. Motion carried.

A motion was made by Asst. Secretary Bowen to approve the monthly bills. This motion was seconded by Treasurer Hentrup. Motion carried.

A motion was made by Vice President Hodson to adjourn the meeting. This motion was seconded by Treasurer Hentrup. Motion Carried. The meeting adjourned at 8:28


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on January 11, 2022

Directors present were President Duvall, Vice President Hodson and Treasurer Robinson,

Employees present were Tony Masingo and Dana Miller.

President Duvall called the meeting to order at 7:03 p.m. with a quorum present.

The minutes of December 14, 2021 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Treasurer Robinson. Motion Carried

The Financial report was reviewed. Depreciation of meters is at twenty-five years. After discussion Vice President Hodson would like for Miller to speak with Sherman, Barber and Mullikin about changing to ten years.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo: After speaking with County Councilman David Abbott, Marysville Otisco Nabb Water Corporation was awarded \$290,000 from American Rescue Fund. At this time Secretary Robinson made a motion to start the bid process for main extension, from Opossum Trot Rd to new tank site on County Rd 160. This motion was seconded by Vice President Hodson. Motion Carried.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Secretary Robinson. Motion carried.

A motion was made by Secretary Robinson to approve the monthly bills. This motion was seconded by Vice President Hodson Motion carried.

President Duvall adjourned meeting at 8:04


President Melissa Duvall

Minutes of the Executive Board of Directors
Meeting of the Marysville Otisco Nabb Water
Corp. Held at the water office on December 14, 2021

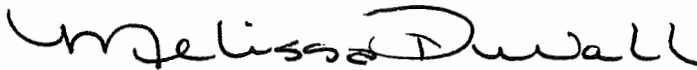
Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup and Asst. Secretary Bowen.

Employee's present were Tony Masingo and Dana Miller.

President Duvall called the Executive Meeting to order at 8:36 pm

Annual Review: After discussion Superintendent Masingo was giving 11,523.20 to allocate between four employees at his discretion.

A motion was made by Asst. Secretary Bowen to adjourn the meeting. This was seconded by Treasurer Robinson. Motion Carried. This meeting adjourned at 9:20pm

A handwritten signature in black ink that reads "Melissa Duvall". The signature is written in a cursive style with a horizontal line underneath the name.

President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on February 15, 2022

Directors present were President Duvall, Vice President Hodson, Secretary Jerome Hentrup and Treasurer Robinson,

Employees present were Tony Masingo and Dorah Henning.

President Duvall called the meeting to order at 7:04 p.m. with a quorum present.

The minutes of January 11, 2022 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Jerome. Motion Carried

The Financial report was reviewed

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed. Superintendent Masingo spoke with a salesman on leak detector device that would cost twenty-five hundred dollars. At this time Superintendent would like to continue to research other alternatives.

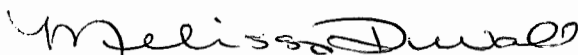
Superintendent Masingo presented the Board of Directors with template contract of subrecipient agreement from Clark County Commissioner office attorney Scott Lewis on American Rescue Fund Grant.

Superintendent Masingo passed out bid proposal from Dave O'Mara contractors, Inc. and Richard Henderson, Inc. After brief discussion a motion was made by Vice President Hodson to award Richard Henderson, Inc. bid on phase III of Opossum Trot and County Road 160 main extension. This motion was seconded by Secretary Hentrup. Motion Carried.

A motion was made by Secretary Hentrup to approve the new memberships. This motion was seconded by Secretary Robinson. Motion carried.

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

A motion was made by Treasurer Robinson adjourn the meeting. This motion was seconded by Vice President Hodson. Motion Carried. Meeting adjourned at 8:04 p.m.



President Melissa Duvall

Minutes of the annual meeting of the Marysville
Otisco Nabb Water Corp. held at the water office
On Monday, March 22, 2021

Directors present were President Duvall, Vice President Hodson, Asst. Secretary Bowen and Secretary Hentrup.

Employees present were Tony Masingo, Dana Miller, and Dorah Henning,

The meeting was called to order at 7:12 p.m. by President Duvall.

A motion was made by Asst Secretary Bowen to approve June 22, 2020 Annual Meeting Minutes. This motion was seconded by Vice President Hodson. Motion carried.


There was no election held as the incumbent went uncontested

Asst. Secretary Bowen made a motion for no reading of the financial report. This motion was seconded by Vice President Hodson. Motion Carried.

There was no old business to report.

A motion was made by Asst. Secretary Bowen to adjourn the annual meeting. This motion was seconded by Vice President Hodson. Motion carried.

The meeting adjourned at 7:14 p.m.



President Melissa Duvall

Minutes of Executive meeting of the
Marysville Otisco Nabb Water Corp.
Held at the water office on Monday,
March 22, 2021

The Executive meeting was called to order at 7:16 p.m. by President Duvall.

A motion was made by Asst. Secretary Bowen that all officer positions stay the same.

President Melissa Duvall
Vice President Dale Hodson
Treasurer Dale Robinson
Secretary Jerome Hentrup
Asst. Secretary James Bowen

This motion was seconded by Secretary Hentrup. Motion Carried.

A motion was made by Asst. Secretary Bowen to adjourn the executive meeting. This motion was seconded by Vice President Hodson. Motion Carried. The executive meeting adjourned at 7:19 pm.



President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on March 8, 2022

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson and Secretary Hentrup.

Employee's present were Tony Masingo and Dana Miller

Special Guest present was Christine Dattilo and Ben Foley

President Duvall called the meeting to order at 7:09 p.m. with a quorum present.

At this time President Duvall turned the floor over to Ms. Dattilo to give her presentation on the audited financial statement.

Ms. Dattilo went over the end of year financial statement with the Board of Directors.

Mr. Foley discussed rate increase and opting out of the IURC with the Board of Directors.

After brief discussion a motion was made by Secretary Hentrup to proceed with Sherman Barber and Mullikin to apply for small utility rate increase. This motion was seconded by Treasurer Robinson. Motion Carried.

The minutes of February 15, 2022 were reviewed. A motion was made by Secretary Hentrup to approve minutes. This motion was seconded by Vice President Hodson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed. Superintendent Masingo reported to the Board of Directors that a leak was found on Pfister Rd and repaired.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Secretary Hentrup. Motion carried

A motion was made by Vice President Hodson approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 9:08 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on April 12, 2022

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson and Secretary Hentrup.

Employee's present were Tony Masingo, Dana Miller and Dorah Henning

Special Guest present was Michael Perry

President Duvall called the meeting to order at 7:13 p.m. with a quorum present.

At this time President Duvall turned the floor over to Mr. Perry to give brief background about himself. The Board of Directors asked questions and asked if Mr. Perry would be interested in serving on the Board. At that time Mr. Perry stated he would like to serve on the Board of Directors of Marysville Otisco Nabb Water Corporation.

The minutes of March 8, 2022 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed. Superintendent Masingo reported to the Board of Directors that a leak was found on Chas New Market Rd and repaired.

Superintendent Masingo reported to the Board of Directors on Sanitary Survey Inspection that Indiana Department of Environmental Management performed. Marysville Otisco Nabb Water Corporation has 1 significant deficiency and 5 minor deficiencies.

Superintendent Masingo explained to the Board of Directors that meters are not reading correctly. After doing research Superintendent would like to start new meter change out program with Neptune Meters. After discussion, a motion was made by Vice President Hodson to proceed with new meter change out program using Neptune Meters, the amount of meters purchase to be decided by Superintendent Masingo. This motion was seconded by Secretary Hentrup. Motion Carried.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Secretary Hentrup. Motion carried

A motion was made by Secretary Hentrup to approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 8:44 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on May 10, 2022

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

Special Guest present was Aaron Stenftenagel and Scott Dunlap.

President Duvall called the meeting to order at 7:13 p.m. with a quorum present.

At this time President Duvall turned the floor over to Mr. Stenftenagel and Mr. Dunlap to give presentation on Neptune meters. After presentation a questions and answers session with Board of Directors.

The minutes of April 12, 2022 were reviewed. A motion was made by Secretary Hentrup to approve minutes. This motion was seconded by Vice President Hodson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed. Superintendent Masingo reported to the Board of Directors that a leak was found on Highway 62 and Tupelo Dr. and repaired.

Superintendent Masingo reported to the Board of Directors that the main extension was complete from tank site to corner of Highway 160 and Opossum Trot.

Superintendent Masingo informed the Board of Directors that American Rescue Fund contract was with the lawyer office.

Also, Superintendent Masingo reached out to Richard Burch from Midwest Engineering, on SWIFT grant. Mr. Burch did not return call.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Secretary Hentrup. Motion carried

Miller informed the Board of Directors that accounts payable, payroll, and general ledger training was complete.

A motion was made by Treasurer Robinson to approve the monthly bills. This motion was seconded by Vice President Hodson. Motion carried.

President Duvall adjourned the meeting at 8:39 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on June 14, 2022

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

Special Guest present was Bill Reedy (Indiana American Water).

President Duvall called the meeting to order at 7:17 p.m. with a quorum present.

At this time President Duvall turned the floor over Mr. Bill Reedy to talk about Marysville Otisco Nabb Water Corp. supply water to three of Indiana American Water customers. After discussion Marysville Otisco Nabb Water Corporation Board of Directors agreed to treat customers as new tap for the standard \$1100.00 tap and membership fee.

The minutes of ^{MAY 10} April 12, 2022 were reviewed. A motion was made by Vice President Hodson to approve minutes with change. This motion was seconded by Treasurer Robinson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed. Superintendent Masingo reported to the Board of Directors that a leak was found on Leon Prall and Fox Rd. and repaired.

Superintendent Masingo reported to the Board of Directors that Hawks Landing is moving forward on phase II of subdivision.

Superintendent Masingo informed the Board of Directors that American Rescue Fund contract was still with the lawyer office and no money has been reimbursed.

Superintendent Masingo presented the 300,000-gallon elevated water storage tank probable cost from Richard Burch (Midwest Engineering). After discussion the Board of Directors agreed to ask Clark County Commissioner for full amount.

A motion was made by Vice President Hodson to approve the new memberships. This motion was seconded by Asst. Secretary Perry. Motion carried

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 8:25 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on July 12, 2022

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:07p.m. with a quorum present.

The minutes of ~~April~~^{June} 14, 2022 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Asst. Secretary Perry.
Motion Carried

The Financial report was reviewed. Vice President Hodson asked that we contact Sherman, Barber, and Mullikin and get update on rate increase.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed. Superintendent Masingo reported to the Board of Directors that we had two main breaks on Highway 3 and Church Rd.

Superintendent Masingo reported to the Board of Directors that Hawks Landing main extension was complete.

Superintendent Masingo informed the Board of Directors that Charlestown Pumphouse can pump 300 gallons a minute. If Stucker Fork Utility cannot supply Marysville Otisco Nabb Water Corporation with water then Indiana American Water (pumphouse) cannot keep up with demand. At this time Superintendent Masingo would like to speak with Washington Township Water about emergency source of water.

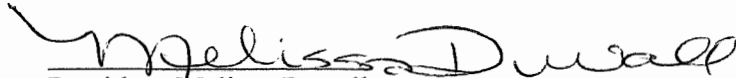
Superintendent Masingo sent letter to Clark County Commissioner office asking for grant money for 300,000 gallon elevated water storage tank.

Superintendent Masingo informed the Board of Directors that he would be sending a letter to Charlestown Fire Department asking them to purchasing fire hydrants each year. Marysville Otisco Nabb Water will pay the cost of installation and Charlestown Fire Department will pay for hydrant.

A motion was made by Secretary Hentrup to approve the new memberships. This motion was seconded by Vice President Hodson. Motion carried

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 8:25 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on August 9, 2022

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:09p.m. with a quorum present.

The minutes of July 12, 2022 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Asst. Secretary Perry.
Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was tabled.

Superintendent Masingo spoke to the board about switching engineering firm. After brief discussion Vice President Hodson made a motion to transition from Midwest Engineering to Commonwealth Engineers, Inc. This motion was seconded by Asst. Secretary Perry.
Motion Carried.

Dana Miller presented the Board of Directors with a workbook from Sherman, Barber and Mullikin on rate increase. After discussion Vice President Hodson made a motion to table rate increase. This motion was seconded by Secretary Hentrup. Motion Carried.

A motion was made by Secretary Hentrup to approve the new memberships. This motion was seconded by Vice President Hodson. Motion carried

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Asst. Secretary Perry. Motion carried.

President Duvall adjourned the meeting at 8:02 p.m.


President Melissa Duvall

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:01p.m. with a quorum present.

The minutes of August 9, 2022 were reviewed. A motion was made by Secretary Hentrup to approve minutes. This motion was seconded by Treasurer Robinson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed. Superintendent report leak repair on twelve inch main.

Superintendent Masingo gave update on Harry Hughes main extension phase III. Other than county road bore that job is 1400 ft from being complete.


Superintendent Masingo informed the Board of Directors that 86 meters have been installed in the meter change out program.

A motion was made by Secretary Hentrup to approve the new memberships. This motion was seconded by Treasurer Robinson. Motion carried

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Asst. Secretary Perry. Motion carried.

Miller gave update on rate increase and recommendation from Commonwealth Engineers and Sherman, Barber and Mullikin. After discussion a motion was made by Secretary Hentrup to put rate increase application on hold until further data is collected. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 8:27 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on October 11, 2022

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dorah Henning

President Duvall called the meeting to order at 7:06 p.m. with a quorum present.

The minutes of September 13, 2022 were reviewed. A motion was made by Vice President Hodson to approve minutes with change. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was tabled.

Superintendent Masingo informed the Board of Directors that bridge project on Chas Memphis Road caused leak on four-inch water main two days in a row. Marysville Otisco Nabb Water Corp. installed a new valve so the bridge could be isolated. After bridge project is complete we will re-locate 500 feet of four-inch water main.

A motion was made by Treasurer Robinson to approve the new memberships. This motion was seconded by Vice President Hodson. Motion carried

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

President Duvall adjourned the meeting at 7:44 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on November 8, 2022

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:08 p.m. with a quorum present.

President Duvall turned the floor over to Matt Wirth from Commonwealth Engineers, Incorporated. At this time Mr. Wirth introduced himself and talked about engineering tank project.

The minutes of October 11, 2022 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo informed the Board of Directors that Marysville Otisco Nabb Water Corp. was being sued in small claims court by a member for \$1000.00 tap fee and 7500.00 service line. The member had two homes on one meter and Superintendent Masingo explained to him that our by-laws and membership he signed states no two on one meter.

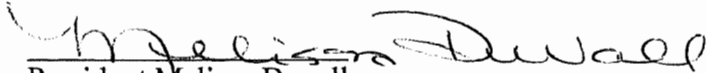
Superintendent Masingo explained to the Board of Directors that he was in contact with Indiana American Water about putting in new six-inch interconnections to better service the area of Chas Memphis Road.

Superintendent Masingo informed the Board of Directors that Clark County Commissioners Office was having representative from Marysville Otisco Nabb Water Corp. and two other candidates in the running to receive grant money come speak at the next meeting.

A motion was made by Vice President Hodson to approve the membership. This motion was seconded by Secretary Hentrup. Motion carried.

A motion was made by Asst. Secretary Perry to approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

President Duvall adjourned the meeting at 7:44 p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on December 13, 2022

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo, Dana Miller and Dorah Henning

President Duvall called the meeting to order at 7:05 p.m. with a quorum present.

The minutes of November 8, 2022 were reviewed. A motion was made by Secretary Hentrup to approve minutes. This motion was seconded by Vice President Hodson.
Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo informed the Board of Directors that Customer dismissed small claim case against Marysville Otisco Nabb Water Corporation.

Superintendent Masingo explained to the Board of Directors that a bad debt account stole a meter base from neighbor and turned water back on. At this time, he reported it to the Clark County Sherriff Department. The account currently has a bad debt of 1642.21.

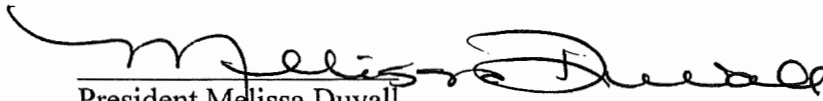
After long discussion on bad debt account and theft of service Superintendent Masingo suggested we need to find Attorney to keep on retainer. The Board of Directors asked that Superintendent contact Nathan Masingo for council on theft and cost of representing the utility.

Superintendent Masingo reported Clark County Commissioner approved American Rescue Fund grant money. The Clark County Council will need to approve American Rescue Fund grant money in the January meeting. At this time, Marysville Otisco Nabb Water Corporation will be awarded one million five hundred thousand dollars for tank project.

A motion was made by Vice President Hodson to approve the membership. This motion was seconded by Secretary Hentrup. Motion carried.

A motion was made by Treasurer Robinson to approve the monthly bills. This motion was seconded by Asst. Secretary Perry. Motion carried.

President Duvall adjourned the meeting at 8:20p.m.


President Melissa Duvall

Minutes of Executive meeting of the
Marysville Otisco Nabb Water Corp.
Held at the water office on
December 13,2022

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup,
Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

President Duvall Called the meeting to order at 8:31pm with a quorum present.

After lengthy discussion, a motion was made by Dale Robinson to give Masingo, Miller
and Henning 8.7% raise.

Schexnayder will get a 3% raise at this time. The Board of Directors will give
Schexnayder until March 31, 2023 to take test for DSM license. After passing test he
will receive additional 5.7% raise

This motion was seconded by Asst. Secretary Perry. Motion Carried

President Duvall adjourned the meeting at 9:23pm


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on January 10, 2023

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

Special guest Attorney Nathan Masingo.

President Duvall called the meeting to order at 7:03 p.m. with a quorum present.

At this time President Duvall turned the floor over to Attorney Nathan Masingo.

Attorney Masingo gave a brief summary of his work history. After questions and answers from the Board of Directors, a motion was made by Secretary Hentrup to retain Attorney Masingo for legal council for the Marysville Otisco Nabb Water Corporation. This motion was seconded by Treasurer Robinson. This motion carried.

The minutes of December 13, 2022 were reviewed. A motion was made by Secretary Hentrup to approve minutes. This motion was seconded by Vice President Hodson.
Motion Carried

The minutes of Executive Meeting on December 13, 2022 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Perry. Motion carried.

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo informed the Board of Directors that Marysville Otisco Nabb Water Corporation was awarded 1.5 million dollars from American Rescue Fund to build new 300,000 storage tank.


Superintendent Masingo gave update on the Harry Hughes main extension.

Superintendent Masingo will be doing a 30-day filing with the Indiana Utility Regulatory Commission to raise cost of tap fee and other non-recurring charges.

A motion was made by Vice President Hodson to approve the membership. This motion was seconded by Secretary Hentrup. Motion carried.

A motion was made by Treasurer Robinson to approve the monthly bills. This motion was seconded by Vice President Hodson. Motion carried.

President Duvall adjourned the meeting at 8:17p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on February 14, 2023

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:07 p.m. with a quorum present.

The minutes of January 10, 2023 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo updated the Board of Directors about meeting with Indiana American Water on interconnection meter at Chas Memphis Rd.


Superintendent Masingo gave break down on new charges for tap fee and other non-recurring charges that will be filed with the Indiana Utility Regulatory Commission.

Superintendent Masingo reported he will be meeting with Commonwealth Engineer in the next couple weeks to go over plans for new tank.

A motion was made by Secretary Hentrup to approve the membership. This motion was seconded by Vice President Hodson. Motion carried.

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Asst. Secretary Perry. Motion carried.

President Duvall adjourned the meeting at 8:20p.m.


President Melissa Duvall

Minutes of the annual meeting of the Marysville
Otisco Nabb Water Corp. held at the water office
On Monday, March 28, 2022

Directors present were President Duvall, Vice President Hodson, Treasurer Robinson, and Secretary Hentrup.

Employees present were Tony Masingo, Dana Miller, and Dorah Henning.

Members present were Tim and Nadine Parmenter.

The meeting was called to order at 7:20 p.m. by President Duvall.

A motion was made by Vice President Hodson to approve March 22, 2021 Annual Meeting Minutes. This motion was seconded by Treasurer Robinson. Motion carried.

There was no election held as the incumbent went uncontested

The audit report was passed out to the members present at the meeting for review.

There was no old business to report.

A motion was made Vice President Hodson to adjourn the annual meeting. This motion was seconded by Secretary Hentrup. Motion carried.

The meeting adjourned at 7:30 p.m.



President Melissa Duvall

Minutes of Executive meeting of the
Marysville Otisco Nabb Water Corp.
Held at the water office on Monday,
March 28, 2022

The Executive meeting was called to order at 7:40 p.m. by President Duvall.

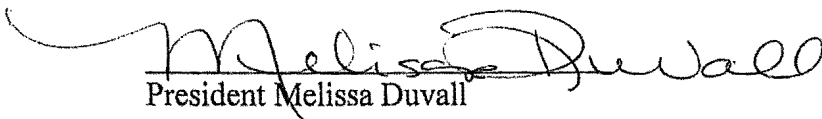
President Duvall read Asst. Secretary Bowen resignation letter to all Board of Directors. After discussion the Board of Directors will invite Mr. Michael Perry to the next regular schedule board meeting.

A motion was made by Vice President Hodson that all officer positions stay the same.

President Melissa Duvall
Vice President Dale Hodson
Treasurer Dale Robinson
Secretary Jerome Hentrup
Asst Secretary

This motion was seconded by Treasurer Robinson. Motion Carried.

A motion was made by Treasurer Robinson to adjourn the executive meeting. This motion was seconded by Vice President Hodson. Motion Carried. The executive meeting adjourned at 8:20 pm.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on March 14, 2023

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

Special Guest Christine Dallito and Tracy Wyne (Sherman, Barber, and Mullikin)

President Duvall called the meeting to order at 7:12 p.m. with a quorum present.

At this time President Duvall turned the floor over to Ms. Dattilo to give her presentation on the audited financial statement.

Ms. Dattilo went over the end of year financial statement with the Board of Directors.

Ms. Wyne discussed applying for rate increase with the Board of Directors.

The minutes of February 14, 2023 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo reported leak on Dunlevy Rd. was fixed and still looking for a leak in the area of Chas Memphis Road.

Superintendent Masingo informed the Board of Directors that Economic Development Group would be attending next month meeting to go over future growth.

A motion was made by Secretary Hentrup to approve the membership. This motion was seconded by Treasurer Robinson. Motion carried.

A motion was made by Secretary Hentrup to approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 8:40p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office on April 11, 2023

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

Special Guest Josh Hillman and Donna Ennis (DC Develop)

President Duvall called the meeting to order at 7:11 p.m. with a quorum present.

At this time President Duvall turned the floor over to Josh Hillman and Donna Ennis to give presentation on DC Develop. Mr. Hillman and Mrs. Ennis spoke about growth in our area and wanting to work with Marysville Otisco Nabb Water Corporation. Marysville Otisco Nabb Water Corporation agreed to proceed with DC Develop working with Superintendent Masingo to prepare a plan of actions to present to Board of Directors at next board meeting.

The minutes of March 14, 2023 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo asked about purchasing a new truck. At this time the Board of Directors told him to look into pricing and trade in value. If Superintendent finds a vehicle before next Board of Directors meeting a purchase could be approved by phone call.

A motion was made by Vice President Hodson to approve the membership. This motion was seconded by Treasurer Robinson. Motion carried.

A motion was made by Treasurer Robinson to approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

President Duvall adjourned the meeting at 9:01p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office May 9, 2023

Director's present were President Duvall, Vice President Hodson, Secretary Hentrup, Treasurer Robinson, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dorah Henning

Special Guest Josh Hillman and Chris Jackson (DC Develop)

President Duvall called the meeting to order at 7:07 p.m. with a quorum present.

At this time President Duvall turned the floor over to Josh Hillman and Chris Jackson to go over DC Develop Support Service Contract. After question and answering session Secretary Perry made a motion to approve DC Develop Contract. This motion was seconded by Vice President Hodson. Motion Carried.

The minutes of April 11, 2023 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo informed the Board of Directors that several small leaks have been repaired and he will meet with Indiana American Water tomorrow to help find leak on Chas Memphis Rd.

Superintendent Masingo let the Board of Directors know Field Operator Blake Schexnayder passed his DSL test.

A motion was made by Vice President Hodson to approve the membership. This motion was seconded by Secretary Hentrup. Motion carried.

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

President Duvall adjourned the meeting at 8:58p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office June 13, 2023

Director's present were President Duvall, Vice President Hodson, and Secretary Hentrup

Employee's present were Tony Masingo and Dana Miller

Special Guest Josh Hillman and Donna Ennis (DC Develop)

President Duvall called the meeting to order at 7:07 p.m. with a quorum present.

At this time President Duvall turned the floor over to Josh Hillman and Donna Ennis to update Board of Directors on Water Loss, Indiana American Water Connection and Financial Opportunities. After question and answering session Vice President Hodson made a motion to approve interconnection with Indiana American Water on Chas Memphis Rd. This motion was seconded by Secretary Hentrup. Motion Carried.

The minutes of May 9, 2023 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo updated the Board of Directors on Ziptility infrastructure management software. Ziptility invoice is being paid by State of Indiana's Lead Service Line Inventory Program Funding

Superintendent Masingo informed the board on new three-inch main extension on Bottorff Rd at old Goedeker Farm.

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office July 11, 2023

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

Special Guest Josh Hillman, Donna Ennis (DC Develop) and Dr. Terry Goodin (USDA)

President Duvall called the meeting to order at 7:08 p.m. with a quorum present.

At this time President Duvall turned the floor over to Josh Hillman and Donna Ennis to update Board of Directors on Water Loss, Indiana American Water Connection and Preliminary Engineering Report.

Then the floor was turned over to Dr. Terry Goodin (USDA). Dr. Goodin spoke about financial opportunities with United States Department of Agriculture and how they would work with Marysville Otisco Nabb Water to find the best way to get financing for upcoming projects.

The minutes of June 13, 2023 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Treasurer Robinson. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

A motion was made by Asst. Secretary Perry to approve the membership. This motion was seconded by Vice President Hodson. Motion carried.

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Asst. Secretary Perry. Motion carried.

President Duvall adjourned the meeting at 8:02p.m.


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office August 8, 2023

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Asst. Secretary Perry and Secretary Hentrup

Employee's present were Tony Masingo, Dana Miller and Dorah Henning

Special Guest Josh Hillman, (DC Develop), Matt Wirth, and Rob Bellucci
(Commonwealth)

President Duvall called the meeting to order at 7:35 p.m. with a quorum present.

At this time President Duvall turned the floor over to Rob Bellucci. Mr. Bellucci went over Preliminary Engineering Report Acceptance Resolution. After discussion A motion was made by Vice President Hodson to accept the Preliminary Engineering Report Acceptance Resolution. This motion was seconded by Treasurer Robinson. Motion Carried.

Next, Mr. Bellucci went over the Authorized Representative Resolution. Treasurer Robinson made a motion to accept Authorized Representative Resolution with change of Melissa Duvall as President and/or F. Anthony Masingo as Superintendent. This motion was seconded by Asst. Secretary Perry. Motion Carried.

Then the floor was turned over to Mr. Hillman to update Board of Directors on meter testing results, Indiana American Water Connection, and Rate Case.

At this time Miller discussed rate impact considering the capital improvement plan (meter, truck, valves, etc.) and debt service for the tank and looping eight inch main. Rate increase impact for both Phase 1A and 1B would be forty-one percent increase and dropping Phase 1B the increase would be twenty-three percent increase. Sherman, Barber and Mullikin still needs to factor in daily operation expense on rate study. After discussion the Board of Director would like to move forward with rate increase Phase 1A and 1B.

The minutes of July 11, 2023 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Asst. Secretary Perry. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

A motion was made by Vice President Hodson to approve the membership. This motion was seconded by Asst. Secretary Perry. Motion carried.

A motion was made by Asst. Secretary Perry to approve the monthly bills. This motion was seconded by Vice President Hodson. Motion carried.

A motion was made by Treasurer Robinson to adjourn the meeting. This motion was seconded by Asst. Secretary Perry. Motion Carried. The meeting adjourned at 8:57pm


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office September 12, 2023

Director's present were President Duvall, Treasurer Robinson,
Asst. Secretary Perry and Secretary Hentrup

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:03 p.m. with a quorum present.

The minutes of August 8, 2023 were reviewed. A motion was made by Secretary Hentrup to approve minutes. This motion was seconded by Asst. Secretary Perry. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo presented the board with Pittsburgh Tank & Tower Group maintenance report on 250,000-gallon tank and 75,000-gallon. After discussion the Board of Directors agreed to proceed with a fifteen-year tank maintenance plan in rate case, with top priority being critical deficiency and OSHA maintenance.

Board of Director also asked to meet with Community Wireless at the November meeting to renegotiate contract.

A motion was made by Secretary Hentrup to approve the membership. This motion was seconded by Treasurer Robinson. Motion carried.

A motion was made by Asst. Secretary Perry to approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

Miller presented the Board of Directors with preliminary draft report from Sherman, Barber, and Mullikin. Preliminary draft numbers support a 57.79 percent rate increase that will be submitted to the Indiana Utility Regulatory Commission. Frost Brown and Todd will prepare the verified

petition and testimony to go along with filing. All parties said the September 30, 2023 deadline to file was possible.

Miller informed the Board of Directors Indiana American Water Connection has been submitted for engineering approval.

President Duvall adjourned the meeting at 8:15 pm


President Melissa Duvall

Minutes of the special rate case Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office September 27, 2023

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, and Secretary Hentrup

Employee's present were Tony Masingo, Dana Miller and Dorah Henning

President Duvall called the meeting to order at 7:07 p.m. with a quorum present.

After President Duvall opened the meeting Miller presented the Board of Directors with Testimony, Resolution to file petition with Indiana Utility Regulatory Commission and Verified Petition. After review Secretary Hentrup made a motion to sign all documents for rate case with the Indiana Regulatory Commission. This motion was seconded by Treasurer Robinson. Motion Carried.

A motion was made by Treasurer Robinson to adjourn the annual meeting. This motion was seconded by Secretary Hentrup. Motion Carried.

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President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office October 10, 2023

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Asst. Secretary Perry and Secretary Hentrup

Employee's present were Tony Masingo and Dorah Henning

President Duvall called the meeting to order at 7:07 p.m. with a quorum present.

The minutes of September 12, 2023 were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Secretary Hentrup. Motion Carried

The minutes of September 27, 2023 Special Meeting were reviewed. A motion was made by Vice President Hodson to approve minutes. This motion was seconded by Treasurer Robinson. Motion Carried.

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

Superintendent Masingo reported on three new proposed main extension on Crescent Road and two extensions on Munk Rd.

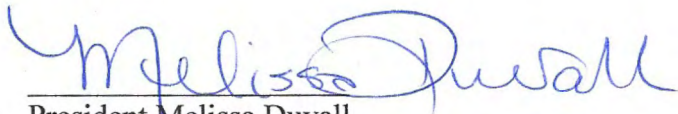
Superintendent Masingo asked the board to replace smaller mains with six-inch pipe that is stored at office. Also, with materials being on back order, Masingo asked to increase inventory at the office. Board of Director gave permission to move forward on replacing smaller mains and increasing inventory at office.

A motion was made by Treasurer Robinson to approve the membership. This motion was seconded by Secretary Hentrup. Motion carried.

2023 Board of Directors Meeting Minutes

A motion was made by Asst. Secretary Perry to approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 7:55 pm


President Melissa Duvall

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office November 14, 2023

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, and Secretary Hentrup

Employee's present were Tony Masingo, Dana Miller and Dorah Henning

President Duvall called the meeting to order at 7:02 p.m. with a quorum present.

Special Guest Matt Wirth, Rob Bellucci (Commonwealth) Josh Hillman and Donna Ennis (DC Develop)

At this time President Duvall turned the floor over to Matt Wirth and Rob Bellucci. Mr. Wirth spoke on Statement of Qualifications for Engineering Services relating to Marysville Otisco Nabb Water Corporations water utility improvement projects. After discussion Secretary Hentrup made motion to form a committee to go over Commonwealth Engineer, Inc. and HWC Engineering qualifications and to approve committee recommendation for Engineering Service. This motion was seconded by Treasurer Robinson. Motion Carried.

President Duvall turned the floor over to Donna Ennis. Mrs. Ennis presented Board of Directors a chart on average pressure from Indiana American Water after review Mr. Hillman confirmed that these volumes will be sufficient. Mr. Hillman is working on plans for the connection.

Mrs. Ennis informed the Board of Directors that she has been working with Masingo and Miller to compile asset management plan in preparation for future capital funding requirements. In the process of compiling data, we have learned written policy portion of the plan, the utility is missing a lot policies and/or they are very old. At this time Mrs. Ennis proposed updating existing and create missing policies that a committee would review before presenting to Board of Directors. After a discussion the Board of Directors organized a committee to review new and revised policy.

President Duvall turned the floor over to Travis Henderson. Mr. Henderson presented Board of Directors with new Richard Henderson, Inc. contract. After review and discussion Secretary Hentrup made a motion to approve Richard Henderson, Inc. new three-year contract that will start January 1, 2024. This motion was seconded by Vice President Hodson. Motion Carried

The minutes of October 10, 2023 were reviewed. A motion was made by Secretary Hentrup to approve minutes. This motion was seconded by Vice President Hodson. Motion Carried

2023 Board of Directors Meeting Minutes

The Financial report was reviewed.

The Aged Accounts reports were reviewed. After review Miller asked the Board of Directors to approve her recommended write off for 2024. A motion was made by Vice President Hodson to approve Miller recommendations. This motion was seconded by Treasurer Robinson. Motion Carried.

Lost Water Report was reviewed.

A motion was made by Vice President Hodson to approve the membership. This motion was seconded by Secretary Hentrup. Motion carried.

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Treasurer Robinson. Motion carried.

President Duvall adjourned the meeting at 9:15 pm


President Melissa Duvall

2023 Board of Directors Meeting Minutes

To: Board of Directors
From: Supt. Tony Masingo

Marysville Otisco Nabb Water Corporation Board of Directors regular scheduled board Meeting to be held at the water office on January 9, 2023.

ORDER OF BUSINESS

1. DC Develop (special guest)
2. Minutes
3. Financial Report
4. Aged Accounts Report

FIELD REPORT

1. Lost Water Report
2. Field Report

NEW BUSINESS

1. Approve New Memberships
2. Approve Monthly Bills

Minutes of the regular scheduled Board of Directors
Meeting of the Marysville Otisco Nabb Water Corp.
Held at the water office December, 2023 12/12/2023

Director's present were President Duvall, Vice President Hodson, Treasurer Robinson, Secretary Hentrup, and Asst. Secretary Perry

Employee's present were Tony Masingo and Dana Miller

President Duvall called the meeting to order at 7:0. p.m. with a quorum present.

Special Guest Matt Wirth (Commonwealth), Josh Hillman (DC Develop), and Zach Kline (HWC Engineering)

At this time President Duvall turned the floor over to Mr. Hillman. Mr. Hillman explained at last Board of Directors meeting and committee was formed to interview both Engineering firms for tank and main project. At this time Mr. Hillman turned the floor over to Secretary Hentrup. Mr. Hentrup explained, after interviewing and discussion the committee decided to award HWC Engineering to be consultant on pending project to improve Marysville Otisco Nabb Water System.

Asst. Secretary Perry made a motion to approve committee recommendations to hire HWC Engineering. This motion was seconded by Vice President Hodson. Motion Carried.

At this time President Duvall turned the floor over to Mr. Kline from HWC Engineering. Mr. Kline then went over water supply, storage improvements, estimate preliminary project timeline, deadlines and on-call agreement. A motion was made by Secretary Hentrup that after Mr. Hillman and Frost Brown Todd LLP review on-call agreement that Marysville Otisco Nabb Water Corporation sign agreement. This motion was seconded by Asst. Secretary Perry. Motion Carried

The minutes of November 14, 2023 were reviewed. A motion was made by Secretary Hentrup to approve minutes. This motion was seconded by Asst. Secretary Perry. Motion Carried

The Financial report was reviewed.

The Aged Accounts reports were reviewed.

Lost Water Report was reviewed.

2023 Board of Directors Meeting Minutes

A motion was made by Vice President Hodson to approve the membership. This motion was seconded by Asst. Secretary Pery. Motion carried.

A motion was made by Vice President Hodson to approve the monthly bills. This motion was seconded by Secretary Hentrup. Motion carried.

Miller presented the Board of Directors with engagement letter to preform 2023 Audit from Sherman, Barber & Mullikin. A motion was made by Asst. Secretary Perry to accept engagement letter. This Motion was seconded by Treasurer Robinson. Motion Carried.

President Duvall adjourned the meeting at 8:28 pm

President Melissa Duvall

**STATE OF INDIANA
CLARK COUNTY
SUBRECIPIENT AGREEMENT
FOR
AMERICAN RESCUE PLAN ACT
LOCAL FISCAL RECOVERY FUNDS**

This **SUBRECIPIENT AGREEMENT** (the "Agreement") is made and entered into as of this 28 day of September 2023, by and between **Marysville-Otisco-Nabb Water Coproration** (hereinafter called the "Subrecipient") and **CLARK COUNTY, INDIANA** (hereinafter called the "County").

W I T N E S S E T H :

WHEREAS, the County has received funding from the Coronavirus Local Fiscal Recovery Fund (the "Recovery Fund") as authorized by H.R. 1319 of the 117th Congress (2021-2022) - American Rescue Plan Act of 2021 (together with related guidance and regulations, the "Act");

WHEREAS, the County is desirous of securing the services of the Subrecipient for the purpose of installing an Three Hundred Thousand (300,000) gallon elevated water storage tank; and

NOW, THEREFORE, the Subrecipient and the County for the considerations stated herein, mutually agree as follows:

ARTICLE 1. SCOPE OF WORK. The Subrecipient shall erect a Three Hundred Thousand (300,000) gallon elevated water storage tank to connect to previously installed 8" water main along Opossum Trot and County Road 160 to Harry Hughes Road. (the "Services").

ARTICLE 2. GRANT FUNDING. The Subrecipient shall receive \$1.5 million in grant funding from the County (the "Grant") to perform the Services.

ARTICLE 3. ELIGIBLE USES. The Subrecipient acknowledges that it is receiving the Grant as a subrecipient under the Act and agrees to limit the use of such funds to the following permitted purposes (a "Permitted Purpose"):

- (a) To respond to the public health emergency or its negative economic impacts, including assistance to households, small businesses, and nonprofits, or aid to impacted industries such as tourism, travel, and hospitality;
- (b) To respond to workers performing essential work during the COVID-19 public health emergency by providing premium pay to eligible workers;
- (c) For the provision of government services to the extent of the reduction in revenue due to the COVID-19 public health emergency relative to revenues collected in the most recent full fiscal year prior to the emergency;

- (d) to make necessary improvements to improve access to clean drinking water and invest in wastewater and stormwater infrastructure;
- (e) for any additional purposes authorized under federal law, regulations, or subsequent amendments to the Act.

ARTICLE 4. PROHIBITED PURPOSES. The Subrecipient agrees that it will not use the Grant for the following prohibited purposes:

- (a) to fund rainy day funds or financial reserves;
- (b) to fund pension funds; and
- (c) for any additional prohibited purposes under federal law, regulations, or subsequent amendments to the Act.

ARTICLE 5. ACCESS TO RECORDS; REPORTING REQUIREMENTS. The Subrecipient agrees to keep financial records and supporting documents, including, without limitation, receipts and invoices (the "Records"), related to the Grant for a period of five years after all funds from the Grant have been expended. The Records shall include those documents which demonstrate the Grant funds were used for Permitted Purpose in accordance with the Act. The Subrecipient agrees to permit the County to access to the Records in compliance with its federal audit and reporting requirements and will provide such records to the County or any third party designated by the County upon request.

The Subrecipient agrees to submit the Subrecipient Agreement Reporting Documentation form attached hereto as **Schedule I** upon request by the County to assist with its reporting requirements under the Act.

ARTICLE 6. TERMINATION; REMEDIES. All funds received by the Subrecipient under the terms of this Agreement shall be allocated or returned to the County by December 31, 2024 (the "Allocation Deadline"). The Subrecipient shall have completed the Services by December 31, 2026 (the "Services Deadline"). Either party may terminate this Agreement for any reason or for no reason, at any time upon delivery of written notice at least thirty (30) calendar days prior to the effective date of termination, upon which date any remaining Grant funds will be returned to the County.

In the event that the Act, including any related regulations or guidance (such as the Final Rule published by the United States Department of the Treasury, 31 CFR Part 35), is amended or modified in any way that, in the opinion of the County or its legal counsel, clarifies that Recovery Fund allocations may not be used for the purposes stated herein, this Agreement shall terminate immediately at the option of the County as required by law, and all remaining funds held by the Subrecipient shall be returned to the County.

Based upon any or all of the following conditions, the Subrecipient shall be deemed to have

breached this Agreement: (a) the Subrecipient fails to perform the Services in accordance with the provisions of the Agreement; (b) the Subrecipient fails to allocate or return the funds by the Allocation Deadline or fails to perform the Services by the Services Deadline; (c) the Subrecipient uses funds from the Grant for a purpose other than a Permitted Purpose; or (d) any other provisions of the Agreement are otherwise violated by the Subrecipient (a "Default"). Upon ten (10) days written notice to the Subrecipient, the County shall have the right to declare the Subrecipient in Default in the performance of its obligations under this Agreement. Unless within ten (10) days after the service of said notice of a Default, the violation shall cease or satisfactory arrangements shall be made for its correction, the Subrecipient, by written notice, shall be declared in Default, and its right to proceed under the Agreement terminated. In the event the Subrecipient is thus declared to be in Default, the County shall proceed to have the work completed, and the Subrecipient shall be responsible for any damages resulting to the County by said default, including attorneys' fees. The County shall be entitled to a return of any remaining funds from the Grant from the date of the Default. In the event of a Default, the Subrecipient shall be responsible for the repayment of any Grant funds used for a purpose other than a Permitted Purpose in accordance with the terms of the Act or by determination of the United States Department of the Treasury.

ARTICLE 7. REPRESENTATIONS, WARRANTIES, AND COVENANTS. Subrecipient represents, warrants, and covenants to the County the following:

- (a) Subrecipient is duly organized or incorporated and authorized to conduct activities within the State of Indiana and will remain so at all times during the term of this Agreement. True and correct copies of Subrecipient's (i) organizational documents and (ii) certificate of good standing are attached hereto as **Exhibit A**.
- (c) Subrecipient has the right, power, and authority to enter into this Agreement, grant the rights and benefits herein described, and satisfy its obligations hereunder.

ARTICLE 8. ADDITIONAL SUBRECIPIENT COMMITMENTS. Subrecipient hereby authorizes the County to utilize the name and logo of Subrecipient in advertisements and press releases relating to the Grant and the Services.

ARTICLE 9. NOTICES. Notices hereunder shall be in writing and sent to the following addresses, unless stated otherwise herein.

Notices to the County shall be sent to:

300 Corporate Drive, Room 205
Jeffersonville, IN 47130
Attention: R. Scott Lewis, County Attorney

Notices to the Subrecipient shall be sent to:

Marysville-Otisco-Nabb Water Company
PO Box 86
Otisco, IN 47163
Attention: Floyd Anthony Masingo

ARTICLE 10. AGREEMENT. This Agreement represents the entire Agreement between the parties, and it is expressly agreed and understood that any modifications or revisions hereof shall be in writing and signed by both parties hereto.

[SIGNATURE PAGE TO IMMEDIATELY FOLLOW]

IN WITNESS HEREOF, the parties have caused this AGREEMENT to be executed on the day and year first above written:

COMMISSION

SUBRECIPIENT

BY: *Connu Sellers*
SIGNATURE

BY: *F. Anthony Masingo*
SIGNATURE

Vice President Board of Commissioners
[NAME, TITLE] 300 Corporate Drive
Room 205, Jeffersonville, IN 47130

Floyd Anthony Masingo, Superintendent
7703 Highway 3
Marysville, IN 47141

[ADDRESS]

Attest: *[Signature]*

Attest: *[Signature]*, Attorney

EXHIBIT A

SUBRECIPIENT ORGANIZATIONAL DOCUMENTS

Subrecipient Agreement – Exhibit A

STATE OF INDIANA
DEPARTMENT OF STATE

CERTIFICATE OF INCORPORATION

CHARLES O. HENDRICKS,
SECRETARY OF STATE

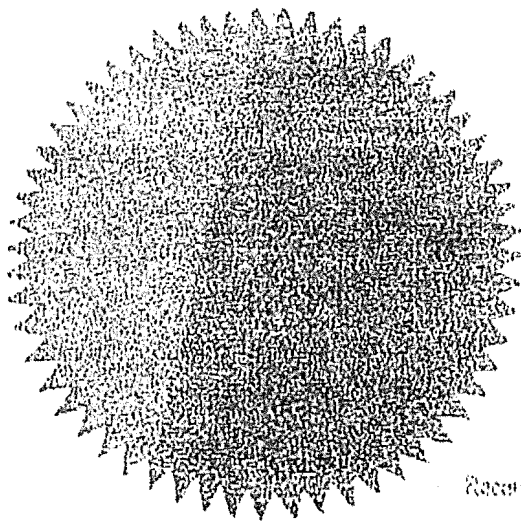
TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETING:

WHEREAS, Articles of Incorporation, duly signed and acknowledged, showing no Capital Stock, having been filed in the office of the Secretary of State on the 25th day of JULY, 1963, for the organization of the

MARYSVILLE-OTISCO-HABE WATER CORPORATION

under and in accordance with the provisions of "AN ACT" concerning domestic and foreign corporations not for profit, providing for fees, providing penalties for the violation thereof, and repealing certain laws." Approved March 7, 1935, as published at Page 557, Acts of 1935.

NOW THEREFORE, I, the Secretary of the State of Indiana, by virtue of the powers and duties vested in me by law, do hereby certify that the said organization is a body politic and corporate, authorized and empowered by the laws of the State of Indiana to proceed to carry out the objects of its organization.



In Witness Whereof, I have hereunto set my hand and affixed the seal of the State of Indiana, at the City of Indianapolis, this 25th day of JULY, 1963.

Charles O. Hendricks
CHARLES O. HENDRICKS,
Secretary of State.

By _____
Deputy.

Recorded For Record This 10 Day of July 1963 9:32 AM.

[Signature]

Act
 (For use for Indiana Not for Profit Corporations.)
 Form prescribed by the Secretary of State

APPROVED

FILED

8918

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JUL 13 1963

ARTICLES OF INCORPORATION

of

Charles O. Windus
 SECRETARY OF STATE OF INDIANA

~~MARYSVILLE-OTISCO-WABB WATER CORPORATION~~

The undersigned, being three or more natural persons of lawful age, at least a majority of whom are citizens of the United States, do hereby adopt the following Articles of Incorporation, representing beforehand to the Secretary of State of the State of Indiana and all persons whom it may concern, that a membership list or lists of the above named corporation for which certificate of incorporation is hereby applied for, have heretofore been opened in accordance with law and that at least three (3) persons have signed such membership list.

Be it further remembered that the following Articles of Incorporation and all matters heretofore done or hereafter to be done are in accordance with "An Act concerning domestic and foreign corporations not for profit, providing for fees, providing penalties for the violation thereof, and repealing certain laws," approved March 7, 1935, and all acts amendatory thereof and supplemental thereto.

1. The name of this corporation shall be Marysville-Otisco-Wabb Water Corporation

(Name must include the word "Corporation" or "Incorporated" or one of the abbreviations thereof.)

2. The purpose or purposes for which it is formed are as follows:

1. Promoting and encouraging the fullest possible use of approved tested water in the Rural Area of Clark County, by making such water available to inhabitants of rural and small residential areas of the County at the lowest cost connected with sound economy and prudent management of the business of such corporation and/or by rendering other services to its member
2. To produce or purchase water for resale to its members only. To that end to construct, install, maintain and operate a water system for the purposes of supplying water to its members, including but not limited to the acquilting water by purchase, diversion, storage, drilling, pumping, and the purchase, laying, installation, operation, maintenance, and repair of wells, pumping equipment, structures, pipelines, valves, and all other material and equipment, necessary to the construction, repair, maintenance, and operation of a complete water supply system.
3. To buy, lease, hold, and exercise all privileges of ownership in and to all real or personal property as may be necessary or convenient for the conduct and operation of the business of the corporation or incidental thereof.
4. To contract debts, borrow money, and issue or assume the payments obligations.
5. To levy and collect reasonable fees, rents, charges, and other charges for services rendered.
6. To perform any and all of the foregoing acts and to do any and all of the foregoing things under, through, or by means of its own officers, agents, and employees, or by contracts with any persons, Federal Agency, or municipality.
7. To have and exercise all powers, privileges, and right conferred on corporations by the laws of the State of Indiana, and all powers and right incidental in carrying out the purposes for which this corporation is formed, except such as are inconsistent with the express provisions of the act under which this corporation is incorporated.
8. This corporation is organized on a non-profit basis for the mutual benefit of its members.

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3. The period during which it is to continue as a corporation is.....until dissolved.....years.
4. The post office address of its principal office is..... Street,
.....Marysville.....(City).....Clark.....(County).....Indiana.....(State)
5. The name of its resident agent is.....O.D. Cash.....
6. The post office address of its resident agent is.....R.F.D.# 1..... Street,
.....Marysville.....(City).....Clark.....(County).....Indiana.....(State)

7. If the memberships are to be divided into classes the designations of the different classes, and a statement of the relative rights, preferences, limitations and restrictions of each class, together with a statement as to the voting rights of any such class:

This corporation shall not have capital stock, but its capital stock shall be represented by membership certificates. Each member shall be issued a certificate of membership, and each member shall be entitled to only one (1) vote, no person shall become, or remain a member unless such person shall use the water service supplied by such corporation.

The membership fee in this corporation shall be fixed and determined by its by-laws. The voting power and property rights and interest of each member whose fees are fully paid and who is in good standing shall be equal and each member shall be entitled to one vote only. There shall be no voting by proxy. New members shall upon their admission in this corporation be entitled to one vote and to share in the property of this corporation equally with the old members. When a member has paid his membership fee in full he shall receive a certificate of membership.

Under the terms and conditions prescribed by its by-laws, this corporation shall admit as members only such persons as having a reasonable accessibility to the sources of, and who are in need of having water supplied for domestic, livestock, and other purposes from the water system constructed, maintained, and operated by the corporation, but the corporation shall not be required to admit members if the capacity of its water system is exhausted by the needs of its existing members and all such other persons to who it has been supplying water.

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8. The number of directors of this corporation shall be five (5)

9. The names and addresses of the first board of directors are as follows:

Name	Street	City	County	State
Henry C. Eeear		Marysville	Clark	Indiana
Carol Schafar	Box 94	Charlestown	Clark	Indiana
Q. D. Cash	R.F.D.#1	Marysville	Clark	Indiana
Robert Righthouse		Marysville	Clark	Indiana
Cecil DeCamp		Otisco	Clark	Indiana
Name	Street	City	County	State
Name	Street	City	County	State
Name	Street	City	County	State
Name	Street	City	County	State

10. The names and post office addresses of the incorporators are as follows:

Name	Street	City	County	State
Henry C. Eeear		Marysville	Clark	Indiana
Carol Schafar	Box 94	Charlestown	Clark	Indiana
Q. D. Cash	R.F.D.#1	Marysville	Clark	Indiana
Robert Righthouse		Marysville	Clark	Indiana
Cecil DeCamp		Otisco	Clark	Indiana
Henry Durks		Hubb	Clark	Indiana
Dennis Clapp		Hubb	Clark	Indiana
Leonard White		Marysville	Clark	Indiana
Walker Zimmerman		Marysville	Clark	Indiana
John Richelto		Charlestown	Clark	Indiana
Layman McClellan		Otisco	Clark	Indiana
Andrew A. Sargent		Otisco	Clark	Indiana

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11. A statement of the property and an estimate of the value thereof, to be taken over by this corporation at or upon its incorporation:

\$760.00 CASH on deposit in The New Washington State Bank, New Washington, Indiana.

12. Any other provisions, consistent with the laws of this state, for the regulation and conduct of the affairs of this corporation, and creating, defining, limiting or regulating the powers of this corporation, of the directors or of the members or any class or classes of members:

- A: The power to make, alter, amend, or repeal by-laws for the regulation and management of the affairs of the corporation, not inconsistent with the law or with the Articles of Incorporation.
- B: To appoint agents and employees, and to fix their compensation and the compensation of the officers of the corporation.
- C: To execute instruments.
- D: To delegate to, one or more of the directors, or to the agents, and employees of the corporation such powers and duties as it may deem proper.
- E: To make its own rules and regulations as to its procedure.

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Henry C. Brear
Henry C. Brear

Cecil DeCamp
Cecil DeCamp

Carroll Schafer
Carroll Schafer

O.D. Cash
O.D. Cash

Robert Righthouse
Robert Righthouse

A minimum of three of the incorporators designated in Article 10 on page — c — should sign above.

STATE OF INDIANA
COUNTY OF Clark ss:

Before me, H. E. ..., a Notary Public in and for said County and State, personally appeared Henry C. Brear, Carol Schafer

O.D. Cash

Robert Righthouse

Cecil DeCamp

and severally acknowledged the execution of the foregoing articles of incorporation.

WITNESS my hand and notarial seal this.....

10th day of July, 1963

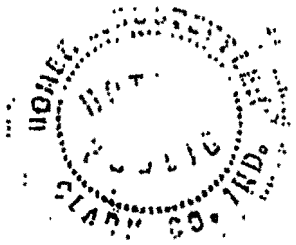
H. E. ...
Notary Public.

My commission expires 13, 1965

(Articles of incorporation must be prepared in triplicate on the form prescribed by the Secretary of State, by the incorporators and signed and acknowledged by at least three of them before a Notary Public, and shall be presented in triplicate to the Secretary of State at his office accompanied by the fees prescribed by law.)

Received For Record This 10 Day of July 1963 At 9:30 A.M.

Edwin O. Mansford R. C. C.



Schedule I

**SUBRECIPIENT AGREEMENT
REPORTING DOCUMENTATION**

A. SUBRECIPIENT AND PROJECT INFORMATION

Subrecipient Name: Marysville-Otisco-Nabb Water Corporation

Subrecipient DUNS

Number: _____

(If Any)

Subrecipient

Address:

**7703 Highway 3
Marysville, IN 47141**

Subaward Date: / /

Subaward Amount: \$1.5 million

Amount Spent to Date: \$0.00

(All funds must be obligated by December 31, 2024, and expended by December 31, 2026, or returned to Recipient).

Project Name: Harry Hughes Extension/Elevated Storage

Project Location: County Road 160

Project Expenditure

Category:

5.14 Drinking Water: Storage

(See Appendix A)

Project Start Date: 07/01/2023

(MM/DD/YYYY)

Anticipated Completion Date: 10/30/2025

(MM/DD/YYYY)

Project Status:

(Circle One)

Not Started

Completed Less than 50 Percent

50 Percent or More Completed

Fully Completed

Project Description

(50-250 words. Project descriptions must describe the project in sufficient detail to provide understanding of the major activities that will occur.)

Erection of Three Hundred Thousand (300,000) gallon elevated water storage tank to be connected to previously installed 8 inch main that runs along Opossum Trot and County Road 160.

B. ADDITIONAL RECORD REQUIREMENTS

Project Budget: Please provide a detailed budget for your project as well as an itemized list of all expenditures. If you provided a budget prior to receiving ARPA funds, please provide an updated budget explaining differences, if any, between the prior budget and the updated budget.

Program Income: Please provide a detailed record of the organization's program income. Generally, program income includes, but is not limited to, income from fees for services performed, the use or rental of real or personal property acquired from ARPA funds, and any principal and interest on loans made with ARPA funds.

Statement of Demographic Distribution: ARPA Subrecipients are encouraged to design projects to prioritize economic and racial equity and promote equitable outcomes. If possible, please provide detailed demographic information outlining how ARPA funds have benefited disproportionately impacted communities.

Required Programmatic Data (Non-Infrastructure Projects): For projects listed under the below expenditure categories (see Appendix A), please provide the following supporting data where applicable:

1. Household Assistance (EC 2.1-2.5):

- (a) Brief description of structure and objectives of assistance program(s) (e.g., nutrition assistance for low-income households).
- (b) Number of households served (by program if Subrecipient establishes multiple separate household assistance programs).
- (c) Brief description of Subrecipient's approach to ensuring that aid to households responds to a negative economic impact of Covid-19.

2. Small Business Economic Assistance (EC 2.9):

- (a) Brief description of the structure and objectives of assistance program(s) (e.g., grants for additional costs related to Covid-19 mitigation).
- (b) Number of small businesses served (by program if Subrecipient establishes multiple separate small businesses assistance programs).
- (c) Brief description of Subrecipient's approach to ensuring that aid to small businesses responds to a negative economic impact of COVID-19.

3. Aid to Travel, Tourism, and Hospitality or Other Impacted Industries (EC 2.11-2.12):

- (a) If aid is provided to industries other than travel, tourism, and hospitality (EC 2.12), a description of pandemic impact on the industry and rationale for providing aid to the industry.
- (b) Brief narrative description of how the assistance provided responds to negative economic impacts of the COVID-19 pandemic, including:
 - a. Sector of employer.
 - b. Purpose of funds (e.g., payroll support, safety measure implementation).

4. Premium Pay (both Public Sector EC 4.1 and Private Sector EC 4.2):

- (a) Number of workers to be served.
- (b) Employer sector.
- (c) For groups of workers (e.g., an operating unit, a classification of worker, etc.) or, to the extent applicable, individual workers, for whom premium pay would increase total pay above 150 percent of their residing State's average annual wage, or their residing county's average annual wage, whichever is higher, on an annual basis (if any):
 - a. A brief written narrative justification of how the premium pay or grant is responsive to workers performing essential work during the public health emergency. This could include a description of the essential workers' duties, health or financial risks faced due to COVID-19, and why the Subrecipient government determined that the premium pay was responsive to workers performing essential work during the pandemic. This description should not include personally identifiable information; when addressing individual workers, Subrecipients should be careful not to include this information. Subrecipients may consider describing the workers' occupations and duties in a general manner as necessary to protect privacy.

Required Programmatic Data (Infrastructure Projects): For projects listed under the below expenditure categories (see Appendix A), please provide the following supporting data where applicable:

1. All infrastructure projects (EC 5):

- (a) Projected/actual construction start date (month/year) 07/2023
- (b) Projected/actual initiation of operations date (month/year) 10/2025
- (c) Location (for broadband, geospatial location data) N/A
- (d) For projects over \$10 million (based on expected total cost):
- a. A Subrecipient may provide a certification that, for the relevant project, all laborers and mechanics employed by contractors and subcontractors in the performance of such project are paid wages at rates not less than those prevailing, as determined by the U.S. Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code (commonly known as the "Davis-Bacon Act"), for the corresponding classes of laborers and mechanics employed on projects of a character similar to the contract work in the civil subdivision of the State (or the District of Columbia) in which the work is to be performed, or by the appropriate State entity pursuant to a corollary State prevailing-wage-in-construction law (commonly known as "baby Davis-Bacon Acts"). If such certification is not provided, a Subrecipient must provide a project employment and local impact report detailing:
 - i. The number of employees of contractors and sub-contractors working on the project;
 - ii. The number of employees on the project hired directly and hired through a third party;
 - iii. The wages and benefits of workers on the project by classification; and
 - iv. Whether those wages are at rates less than those prevailing. Subrecipients must maintain sufficient records to substantiate this information upon request.
 - b. A Subrecipient may provide a certification that a project includes a project labor agreement, meaning a pre-hire collective bargaining agreement consistent with section 8(f) of the National Labor Relations Act (29 U.S.C. 158(f)). If the Subrecipient does not provide such certification, the Subrecipient must provide a project workforce continuity plan, detailing:
 - i. How the Subrecipient will ensure the project has ready access to a sufficient supply of appropriately skilled and unskilled labor to ensure high-quality construction throughout the life of the project;
 - ii. How the Subrecipient will minimize risks of labor disputes and disruptions that would jeopardize timeliness and cost-effectiveness of the project;
 - iii. How the Subrecipient will provide a safe and healthy workplace that avoids delays and costs associated with workplace illnesses, injuries, and fatalities;
 - iv. Whether workers on the project will receive wages and benefits that will secure an appropriately skilled workforce in the context of the local or regional labor market; and

v. Whether the project has completed a project labor agreement.

- c. Whether the project prioritizes local hires.
- d. Whether the project has a Community Benefit Agreement, with a description of any such agreement.

2. Water and sewer projects (EC 5.1-5.15):

- (a) National Pollutant Discharge Elimination System (NPDES) Permit Number (if applicable; for projects aligned with the Clean Water State Revolving Fund)
- (b) Public Water System (PWS) ID number (if applicable; for projects aligned with the Drinking Water State Revolving Fund)

3. Broadband projects (EC 5.16-5.17):

- (a) Confirm that the project is designed to, upon completion, reliably meet or exceed symmetrical 100 Mbps download and upload speeds.
 - a. If the project is not designed to reliably meet or exceed symmetrical 100 Mbps download and upload speeds, explain why not, and
 - b. Confirm that the project is designed to, upon completion, meet or exceed symmetrical 100 Mbps download speed and between at least 20 Mbps and 100 Mbps upload speed, and be scalable to a minimum of 100 Mbps download speed and 100 Mbps upload speed.
- (b) Please note: additional programmatic data will be required for broadband projects beginning in July 2022.

C. OTHER SUBRECIPIENT RESPONSIBILITIES

Procurement: Subrecipients are responsible for ensuring that procurements using ARPA funds, or payments under procurement contracts using such funds are consistent with the procurement standards set forth in all applicable local, State, and federal procurement laws and regulations. Subrecipient shall keep records of all purchases made with ARPA funds including (i) dollar amounts, (ii) rationale for method of procurement, (iii) basis for contract prices, or (iv) any exceptions that allow for non-competitive proposals, if applicable.

Closeout Process: The Recipient must return any ARPA funds not obligated or expended for eligible uses to the United States Department of the Treasury as part of a closeout process pursuant to 2 CFR 200.344(d). All ARPA funds must be used for costs incurred by the Subrecipient during the period that begins on March 3, 2021 and ends on December 31, 2024, and all ARPA funds must be expended by December 31, 2026. Subrecipient will comply with all requests by the Recipient to return such funds.

Ongoing Reporting Requirements: Note that these reporting requirements are operating in accordance with the Interim Final Rule published by the United States Department of the Treasury. 31 CFR Part 35. RIN 1505-AC77. These reporting requirements are subject to change upon publication of a Final Rule.

CIVIL RIGHTS COMPLIANCE: TITLE VI OF THE CIVIL RIGHTS ACT OF 1964 PROHIBITS DISCRIMINATION ON THE BASIS OF RACE, COLOR, OR NATIONAL ORIGIN IN ANY PROGRAM OR ACTIVITY THAT RECEIVES FEDERAL FUNDS OR OTHER FEDERAL FINANCIAL ASSISTANCE. BY SUBMITTING THIS REPORTING DOCUMENT, SUBRECIPIENT REPRESENTS AND WARRANTS THAT IT WILL COMPLY WITH ALL REQUIREMENTS OF FEDERAL STATUTES RELATING TO NONDISCRIMINATION. SUBRECIPIENT SHOULD REPORT ANY PURPORTED VIOLATIONS OF FEDERAL CIVIL RIGHTS LAWS.

APPENDIX A
PROJECT EXPENDITURE CATEGORIES

1: Public Health			
1.1	COVID-19 Vaccination	1.7	Capital Investments or Physical Plant Changes to Public Facilities that respond to the COVID-19 public health emergency
1.2	COVID-19 Testing	1.8	Other COVID-19 Public Health Expenses (including Communications, Enforcement, Isolation/Quarantine)
1.2	COVID-19 Contact Tracing	1.9	Payroll Costs for Public Health, Safety, and Other Public Sector Staff Responding to COVID-19
1.4	Prevention in Congregate Settings (Nursing Homes, Prisons/Jails, Dense Work Sites, Schools, etc.)	1.10	Mental Health Services
1.5	Personal Protective Equipment	1.11	Substance Use Services
1.6	Medical Expenses	1.12	Other Public Health Services
2: Negative Economic Impacts			
2.1	Household Assistance: Food Programs	2.8	Contributions to UI Trust Funds
2.2	Household Assistance: Rent, Mortgage, and Utility Aid	2.9	Small Business Economic Assistance (General)
2.3	Household Assistance: Cash Transfers	2.10	Aid to Nonprofit Organizations
2.4	Household Assistance: Internet Access Programs	2.11	Aid to Tourism, Travel, or Hospitality
2.5	Household Assistance: Eviction Prevention	2.12	Aid to Other Impacted Industries
2.6	Unemployment Benefits or Cash Assistance to Unemployed Workers	2.13	Other Economic Support
2.7	Job Training Assistance (e.g., Sectoral job-training, Subsidized Employment, Employment Supports or Incentives)	2.14	Rehiring Public Sector Staff
3: Services to Disproportionately Impacted Communities			
3.1	Education Assistance: Early Learning	3.9	Healthy Childhood Environments: Other
3.2	Education Assistance: Aid to High-Poverty Districts	3.10	Housing Support: Affordable Housing
3.3	Education Assistance: Academic Services	3.11	Housing Support: Services for Unhoused Persons
3.4	Education Assistance: Social, Emotional, and Mental Health Services	3.12	Housing Support: Other Housing Assistance
3.5	Education Assistance: Other	3.13	Social Determinants of Health: Other
3.6	Healthy Childhood Environments: Child Care	3.14	Social Determinants of Health: Community Health Workers or Benefits Navigators
3.7	Healthy Childhood Environments: Home Visiting	3.15	Social Determinants of Health: Lead Remediation
3.8	Healthy Childhood Environments: Services to Foster Youth or Families Involved in Child Welfare System	3.16	Social Determinants of Health: Community Violence Interventions
4: Premium Pay			
4.1	Public Sector Employees	4.2	Private Sector: Grants to Other Employers

**Subrecipient Agreement
Reporting Requirements
Appendix A**

5: Infrastructure			
5.1	Clean Water: Centralized Wastewater Treatment	5.10	Drinking water: Treatment
5.2	Clean Water: Centralized Wastewater Collection and Conveyance	5.11	Drinking water: Transmission & Distribution
5.3	Clean Water: Centralized Wastewater Collection and Conveyance	5.12	Drinking water: Transmission & Distribution: Lead Remediation
5.4	Clean Water: Combined Sewer Overflows	5.13	Drinking water: Source
5.5	Clean Water: Other Sewer Infrastructure	5.14	Drinking water: Storage
5.6	Clean Water: Stormwater	5.15	Drinking water: Other water infrastructure
5.7	Clean Water: Energy Conservation	5.16	Broadband: "Last Mile" projects
5.8	Clean Water: Water Conservation	5.17	Broadband: Other projects
5.9	Clean Water: Nonpoint Source		
6: Revenue Replacement			
6.1	Provision of Government Services		
7: Administrative			
7.1	Administrative Expenses	7.3	Transfers to Other Units of Government
7.2	Evaluation and Data Analysis	7.4	Transfers to Non-entitlement Units (States and territories only)

1979

WATER SALE-PURCHASE AGREEMENT

THIS CONTRACT for the sale and purchase of water is entered into as of the 4 day of ~~August~~^{Sept.}, 1979, between the City of Charlestown, of Clark County, in the State of Indiana, hereinafter referred to as the "SELLER" and the Marysville-Otisco-Nabb Water Corporation of Clark County, in the State of Indiana, hereinafter referred to as the "PURCHASER."

WITNESSETH: Whereas, the purchaser is organized and established under the laws of the State of Indiana as a not-for-profit corporation, for the purpose of operating a water supply and distribution system serving water users in and around the northern part of Clark County, Indiana and to accomplish this purpose the purchaser will require a supply of treated water, and

Whereas, the seller owns and operates a water supply distribution system with a capacity currently capable of serving the customers of the seller's system, and

Whereas, the parties hereto have been selling and purchasing water under certain terms as set forth by the Public Service Commission of Indiana under order dated September 20, 1977 in cause number 35005 and the parties wish to express in writing their agreement for the sale and purchase of water, and

Whereas, by motions properly made by the Seller and by the Purchaser the execution of this contract was duly authorized.

NOW, THEREFORE, in consideration of the foregoing and the mutual agreements hereinafter set forth the parties now agree as follows:

A. The Seller Agrees:

1. To furnish the Purchaser at the points of delivery now existing potable treated water meeting applicable purity standards in such quantity as may be required by the Purchaser for its present customers and the normally anticipated increases.

2. The water will be furnished at a reasonably constant pressure. Emergency failures of pressure or supply due to main supply line breaks, power failure, flood, fire and use of water to fight fire, or other catastrophe shall excuse the Seller from this provision for such reasonable period of time as may be necessary to restore service.

3. To furnish the purchaser at its address at Otisco, Indiana with an itemized statement of the amount of water furnished the purchaser during the preceding month.

B. The Purchaser Agrees:

1. To pay the Seller at the established date of each month for water sold in accordance with the rates established by the Public Service Commission of Indiana.

2. To furnish, install, operate, and maintain at its own expense at point of delivery, the necessary metering equipment and required devices of standard type for properly measuring the quantity of water delivered to the Purchaser.

3. To pay the Seller such penalties as authorized by the Public Service Commission of the State of Indiana if the water bill is not paid by the time of the seller's penalty date.

C. It Is Further Mutually Agreed As Follows:

1. That the Seller will, at all times, operate and maintain its system in an efficient manner and will take such action as may be necessary to furnish the purchaser with water as required by purchaser. Temporary or partial failures to deliver water shall be remedied with all possible dispatch. In the event of an extended shortage of water, or the supply of water available to Seller is otherwise diminished over an extended period of time, the supply of water to purchaser's consumers shall be reduced or diminished in the same ratio or proportion as the supply to Seller's consumers is reduced or diminished.

2. This contract may be reviewed periodically by either party requesting such review by the other party and the contract may be amended by the mutual agreement of both parties to this contract.

3. This contract shall extend for a term of forty (40) years from this date and thereafter may be renewed or extended for such term or terms as may be agreed upon by the parties.

4. This contract is subject to such rules, regulations and laws as may be applicable to similar agreements in this State and the Seller and Purchaser will collaborate in obtaining such permits, certificates, or the like, as may be required to comply therewith.

5. That in the event of any occurrence rendering the purchaser incapable of performing under this contract, any successor of the purchaser, whether the result of legal process assignment, or otherwise, shall succeed to the rights of the Purchaser hereunder.

IN WITNESS WHEREOF, the City of Charlestown has caused this instrument to be executed by Clay Hall, its Mayor, and its seal to be affixed and attested by Dorothea Jenkins, its Clerk-Treasurer, and the Marysville-Otisco-Nabb Water Corporation has caused this instrument to be executed by Jesse L. Nash, its president and attested to by its secretary, all on the date and year first above referred to.

CITY OF CHARLESTOWN

Clay Hall
Clay Hall, Mayor

ATTEST:

Dorothea Jenkins
Dorothea Jenkins,
Clerk Treasurer

MARYSVILLE-OTISCO-NABB WATER CORP.

Jesse L. Nash
Jesse L. Nash, President

ATTEST:

Renault Stevens
Secretary

WATER PURCHASE CONTRACT

This contract for the sale and purchase of water by and between the Stucker Fork Conservancy District, hereinafter referred to as SELLER, and the Marysville-Otisco-Nabb Water Corporation, hereinafter referred to as PURCHASER, is entered into this 27 day of February, 1998.

WITNESSETH:

WHEREAS, the PURCHASER is a rural not-for-profit water utility duly created and existing under the laws of the State of Indiana;

WHEREAS, the SELLER is a special district created pursuant to I.C. 14-33-1, established by Order of the Scott Circuit Court in Cause No. 8691, and, which has elected to come under I.C. 14-33-20 for its purpose of providing water supply, including treatment and distribution for domestic, industrial and public use.

WHEREAS, the PURCHASER has, by Resolution No. 1-1998 duly enacted on the 24th day of February, 1998, approved this WATER PURCHASE CONTRACT and has authorized and directed it be entered into on and behalf of said Corporation;

WHEREAS, the SELLER has by Resolution No. 1998-2 duly enacted on the 16th day of February, 1998, approved this WATER PURCHASE CONTRACT and has authorized and directed it be entered into on and behalf of said Board of Directors;

WHEREAS, PURCHASER, recognizing the topography of its systems desires to purchase approximately ninety (90) percent of its water needs from SELLER which in current rounded figures would result in Two Hundred and Ninety Thousand (290,000) gallons per day.

WHEREAS, PURCHASER desires to be able to draw up to Eight Hundred Thousand (800,000) gallons per day;

WHEREAS, a flow rate of Five Hundred Fifty-Six (556) gallons per minute will produce in a twenty-four (24) hour period an amount slightly in excess of Eight Hundred Thousand (800,000) gallons per day;

WHEREAS, SELLER has designed a twelve (12) inch line not far from PURCHASER'S 75,000 gallon storage tank in Marysville and desires to connect and sell water to PURCHASER as a part of its Nineteenth Unit of Work as financed by the U.S.D.A. Rural Development;

WHEREAS, the cost of the connection between SELLER and PURCHASER is a part of SELLER'S Nineteenth Unit of Work as financed by the U.S.D.A. Rural Development over a period of forty (40) years;

WHEREAS, SELLER'S net revenue bond issuance is for a term of forty (40) years as required by the U.S.D.A. Rural Development and PURCHASER understands that this Contract is in support of said net revenue bond issuance; and

WHEREAS, it is the purpose of this WATER PURCHASE CONTRACT to set forth the entire agreement by and between the parties for the sale and purchase of water at the designated point of connection including the flow rate available, the Minimum quantity to be taken, procedure for the availability of additional quantities, the rate per 1,000 gallons and the appropriate charges.

NOW, THEREFORE, in consideration of the foregoing and mutual agreements herein set forth,

The SELLER agrees:

1) To furnish the PURCHASER at the point of delivery during the term of this Contract, or any renewal or extension thereof, potable treated water, meeting applicable purity standards of the State of Indiana, an amount equal to twice the Minimum (290,000 gallons per day) being Five Hundred Eighty Thousand (580,000) gallons per day at a flow rate not to exceed Five Hundred Fifty-Six (556) gallons per minute.

2) To furnish water at a reasonably constant pressure from a Twelve (12) inch main supplied at a point located near a six (6) inch line going into PURCHASER'S meter pit near an existing 75,000 gallon storage tank in Marysville. Emergency failure of pressure or supply due to main supply breaks, power failure, flood, fire and use of water to fight fire, earthquake or other such catastrophe shall excuse the SELLER from the provisions of the WATER PURCHASE CONTRACT for such reasonable period of time as may be necessary to restore service. During any period of time when SELLER's source of supply of water is diminished but still flowing into SELLER's treatment plant, SELLER shall treat PURCHASER in the same manner that it treats all other wholesale purchasers pursuant to water purchase agreements in determining the quantity of water, pressure, and flow rate to be made available to PURCHASER, (i.e. recognition of its duties to serve retail customers that were the basis of previous funding from the U.S. Department of Agriculture, including industrial customers that were the basis of grants from the U.S. Department of Commerce's Economic Development Administration). Further, if SELLER is unable to provide PURCHASER with the Minimum (290,000 g/p/d), the SELLER must reduce the monthly minimum to be paid by PURCHASER on a sliding scale based on the reduction in availability of gallons per day.

3) To maintain and operate the necessary standard metering equipment (including pit and valve but not any controls which may be installed and under the control of PURCHASER) for properly measuring the quantity of water delivered to the PURCHASER and to recalibrate such metering equipment whenever requested by the PURCHASER but not more frequently than once every twelve (12) months. A meter registering not more than two percent (2%) above or below test results will be deemed to be accurate. The previous readings of the meter disclosed by tests to be inaccurate shall be corrected for the two (2) months previous to such test in accordance with the percentage of inaccuracy found by such test. If the meter fails to register for any period, the amount of water furnished during such period shall be deemed to be the amount of water delivered in the corresponding period immediately prior to the failure, unless the PURCHASER and SELLER agree upon a different amount. The metering equipment shall be read monthly. An appropriate official of the SELLER shall be available to provide the PURCHASER with access to the meter for the purpose of verifying its readings at all reasonable times.

4) To furnish the PURCHASER within five (5) days of the close of each month an itemized billing of the amount of water furnished the PURCHASER for that preceding month.

5) To furnish the PURCHASER a connection to PURCHASER'S six (6) inch line going into its meter pit near an existing 75,000 gallon storage tank in Marysville.

THE PURCHASER agrees:

1) To purchase from SELLER a Minimum of ⁷⁰⁰ ~~Three~~ Hundred Ninety Thousand (290,000) gallons per day at a flow rate not to exceed Five Hundred Fifty-Six (556) gallons per minute. PURCHASER agrees to pay for the ^{average daily} ~~minimum~~ monthly quantity of water even if not

[Handwritten signature and date]
1/14/11

used by PURCHASER; except as provided for in Paragraph No. 2 on Page No. 3. Said Minimum of Two Hundred Ninety Thousand (290,000) gallons per day is based on an annualized usage.

2) If PURCHASER desires water in excess of twice the Minimum quantity, then additional quantities of water may be purchased for a period of time not to exceed five (5) days; by notifying SELLER not later than twenty-four (24) hours prior to the time that said additional water shall be taken and also receiving approval from SELLER to draw the additional water. Further, additional quantities of water may be purchased for a period of time greater than five (5) days by submitting a written request to SELLER at least fourteen (14) days in advance specifying the additional quantity and the specific days it is to be taken. Before the additional water is taken, the request must first be approved in writing by the SELLER. The purpose for obtaining prior approval for additional water is to prevent the placing of unscheduled peak demands upon the SELLERS' system without the Superintendent's prior knowledge. It is mutually understood and is the intent of the parties that PURCHASER may take more water than its twice Minimum daily quantity provided that the Superintendent is notified and concurs.

3) To pay to SELLER each month for water delivered by SELLER to PURCHASER an amount computed on a basis of One Dollar (\$1.00) per thousand (1,000) gallons of water; provided however, the PURCHASER shall be deemed to have taken at least the minimum monthly quantity as stated above. The costs to PURCHASER shall be measured by the volume registered at the meter on a monthly basis based on the number of days in that month. The rate of One Dollar (\$1.00) per thousand (1,000) gallons of water shall remain fixed for a period of

Five (5) years from the date of the written notice of availability. After five (5) years, to be renewed at the prevailing rate which is to be competitive.

Volume reports shall be submitted by SELLER to PURCHASER with the monthly billing. PURCHASER shall have the right to make audits at reasonable times during normal business hours of the SELLER's books and records to the extent necessary to verify the SELLER's calculations of the water taken by PURCHASER.

4) To pay the water bill within ten (10) days of the date of the bill and in no event later than the fifteenth (15th) day of each month in which the bill is rendered for the previous month's usage. In the event payment is not made by the fifteenth (15) day of the month after the receipt of said bill, the PURCHASER shall also pay a late payment of three percent (3%) of the amount of the bill. In the event that forty-five (45) days have elapsed without payment of said bill having been received by the SELLER, then PURCHASER shall have breached this contract and SELLER, after fifteen (15) days written notice to PURCHASER to cure its default, may elect to pursue its legal remedies, including, but not limited to, the termination of water services. In the event of default, PURCHASER shall be responsible for paying SELLER all damages, reasonable attorneys' fees, and court costs in any action brought by SELLER to enforce the terms of this contract.

It is further mutually agreed by and between PURCHASER and SELLER as follows:

1) That this WATER PURCHASE CONTRACT shall extend for a period of five (5) years from the date of the written notice of availability of water at the point of connection is served upon PURCHASER and thereafter to be renewed at the prevailing rate which is to be competitive, or extended for such term or terms as may be agreed upon by the parties in writing.

2) That the charge for water shall be effective at the time that said written notice of availability of water at the point of connection is served upon the PURCHASER.

3) That in the event the PURCHASER needs an increase in pressure, then the cost of any booster station, pipe and appurtenances to connect and increase pressure shall be borne by PURCHASER. Further, the corresponding operating electrical requirement shall be borne by PURCHASER.

4) That in the event of any occurrence rendering PURCHASER incapable of performing under this contract, any successor of PURCHASER, whether the result of legal process, assignment or otherwise, shall succeed to the rights and obligations of PURCHASER and the terms of this WATER PURCHASE CONTRACT shall be binding upon the successor in interest.

5) That pursuant to I.C. 14-33-20-14, SELLER shall file an original of this WATER PURCHASE CONTRACT with the Indiana Utility Regulatory Commission as its initial schedule of rates and charges to PURCHASER.

6) That pursuant to the election under I.C. 14-33-20, SELLER is under the jurisdiction of the Indiana Utility Regulatory Commission and this contract, including rates, is subject to such rules, regulations or laws as may be applicable to similar agreements in this State.

7) The address for all matters to be mailed to SELLER is:

Stucker Fork Conservancy District
Post Office Box 274
Scottsburg, Indiana 47170

The address for all matters to be mailed to PURCHASER is:

Marysville-Otisco-Nabb Water Corporation
P.O. Box 86
Otisco, Indiana 47163

8) That the construction of the water supply system by SELLER is being financed by a bond issuance to be sold to the United States of America, acting through the Rural Development of the United States Department of Agriculture and the provision hereof pertaining to the undertaking by the SELLER are conditioned upon the approval, in writing, of the State Director of the U.S.D.A. Rural Development.

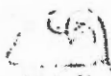
9) That as a part of SELLER'S financing, the U.S.D.A. Rural Development requires the inclusion of Title 7 U.S.C. Section 1926 (b) in SELLER'S WATER PURCHASE CONTRACT, a copy of which is attached hereto, made apart hereof and marked as "Exhibit A". Both parties understand its significance and agree to its incorporation herein.

[This space is intentionally left blank]

IN WITNESS WHEREOF, the parties hereto, acting under authority of their respective governing bodies, have caused this contract to be duly executed in five (5) counterparts, each of which shall constitute an original.

SELLER

**BOARD OF DIRECTORS,
STUCKER FORK CONSERVATION
DISTRICT**

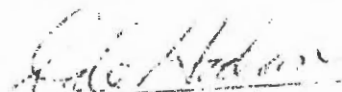
By:  _____
E.J. Reardon, Chairman

ATTEST:

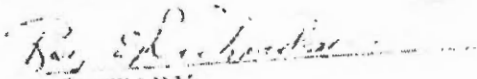

SECRETARY

PURCHASER

**BOARD OF DIRECTORS
MARYSVILLE-OTISCO-NABE WATER
CORPORATION**

By:  _____
Dale Hodson, President

ATTEST:


SECRETARY

This contract is approved on behalf of the U.S.D.A. Rural Development this ..
day of, 1998.

By

Title

SI CD/Water/Pur

7 USCS § 1926

(b) **Curtailement or limitation of service prohibited.** The service provided or made available through any such association shall not be curtailed or limited by inclusion of the area served by such association within the boundaries of any municipal corporation or other public body, or by the granting of any private franchise for similar service within such area during the term of such loan; nor shall the happening of any such event be the basis of requiring such association to secure any franchise, license, or permit as a condition to continuing to serve the area served by the association at the time of the occurrence of such event.

Exhibit A

ORIGINAL

STATE OF INDIANA

INDIANA UTILITY REGULATORY COMMISSION

**APPLICATION OF MARYSVILLE-OTISCO-NABB)
WATER CORPORATION FOR A RATE CHANGE)
THROUGH THE SMALL)
UTILITY FILING PROCEDURE)**

CAUSE NO. 42476-U

APPROVED: JAN 14 2004

BY THE COMMISSION:

Lorraine Hitz-Bradley, Administrative Law Judge

On June 30, 2003, Marysville-Otisco-Nabb Water Corporation ("Petitioner") filed with the Commission its small, not-for-profit utility rate change request pursuant to Ind. Code § 8-1-2-61.5 and 170 I.A.C. 14-1, requesting a 26.5% across the board increase in its recurring rates and charges. On July 11, 2003, the Commission's Director of the Gas/Water/Sewer Division issued a Memorandum stating that Petitioner's application had been reviewed by Commission staff and was considered to be complete.

On July 14, 2003, Petitioner filed supplemental information which included a proof of publication, a legal notice of filing and an annual water quality report. On September 29, 2003, the Public filed its Report with the Commission pursuant to 170 I.A.C. 14-1-4. The Public recommended a 15.76% across-the-board increase. On October 24, 2003, the Commission issued a docket entry stating that no final order would be issued in this cause until all appropriate affiliate agreements were filed with the Commission. On November 13, 2003, Petitioner filed with the Commission a copy of an affiliate agreement in compliance with the Commission's docket entry.

On October 31, 2003, the Commission received a letter from Petitioner's Accounting Consultant indicating that agreement had been reached with the OUCG for an 18.83% across-the-board increase. Attached to the October 31, 2003 letter were accounting schedules that supported the proposed settlement. On December 22, 2003, the OUCG filed a letter of transmittal verifying its support of the rate treatment described in this order.

As provided in Ind. Code § 8-1-2-61.5, a formal public hearing is not required in rate cases involving small utilities with fewer than 5,000 customers, unless such a hearing is requested by ten customers, a public or municipal corporation, or by the Public. The Commission received no such request and, accordingly, no formal public hearing has been held.

The Commission has given consideration to the Application, the Public's Report and the applicable law in arriving at the findings and conclusions set forth in this Order as discussed below.

1. Statutory Notice and Commission Jurisdiction. On July 14, 2003, Petitioner provided the Commission with Proof of Publication of the Public Notice, evidencing that notice of filing of the Application for rate change was published in a newspaper of general circulation on July 3, 2003. Therefore, due, legal and timely notice of the matters in this Cause was given. Petitioner is a small, rural, not-for-profit water utility and, as such, is subject to Commission jurisdiction. Petitioner seeks a rate increase pursuant to Ind. Code § 8-1-2-61.5. The Commission, therefore, has jurisdiction over Petitioner and the subject matter herein.

2. Petitioner's Characteristics. Marysville-Otisco-Nabb Water Corporation is a small, not-for-profit water utility serving in and around the communities of Marysville, Otisco and Naab in Clark County, Indiana. Petitioner presently serves approximately 2,600 customers. Petitioner purchases its water from two suppliers, the City of Charlestown and Stucker Fork Water Corporation, but maintains about 244 miles of distribution main ranging in size from 2" to 12" in diameter. Petitioner's existing rates and charges were approved by the Commission in 1966. Petitioner's current Water Cost Tracker was last set by the Commission on October 14, 1988 at \$0.94 per thousand gallons of water.

3. Petitioner's Small Not-For-Profit Water Utility Rate Change Filing. Petitioner has proposed adjustments to its test year operation and maintenance ("O&M") expense, taxes, and Extensions and Replacements ("E&R") revenue requirements. Petitioner has proposed a Pro-Forma Cash Revenue Requirement of \$514,762 which results in a 26.5% across-the-board increase in its recurring rates and charges. Petitioner also requested to increase its returned check fee to \$25.

4. Petitioner's Capital Improvement Plan and Extensions and Replacements. Petitioner has proposed to construct a 12" transmission main to increase its source of supply. The Public believes that the proposed project is reasonable and necessary. Petitioner estimated the cost of the proposed project to be \$320,000. However, no bids have been received. Petitioner proposes to accrue funds for the cost of the 12" transmission main project over three years through its Extensions and Replacements ("E&R") revenue requirement rather than issuing long-term debt. This results in a proposed annual E&R revenue requirement for the capital improvement plan to be \$106,667 (\$320,000 / 3 years). Petitioner has also included an ongoing E&R revenue requirement of \$20,673 which represents the historical annual E&R costs. Thus, the total proposed E&R revenue requirement, which includes both the amortized cost of the proposed capital improvement plan and the historical E&R costs, is \$127,340.

5. OUCG's Report. The OUCG showed concern about the funding of the proposed project. The OUCG advised Petitioner that typically projects of this size are funded through debt service instead of E&R. Another concern of the Public is that once this project was complete, Petitioner would be recovering, through rates, \$106,667 with no definitive purpose for the funds. The OUCG recommended that the Commission require funds collected for the proposed project be placed in an interest bearing restricted account and used only for capital improvements. The OUCG recommended that Petitioner should be required to continue to restrict the accrued funds to provide additional system storage capacity and other capital improvements once the proposed 12" water transmission main is complete. Given that the costs associated with the project are still preliminary, the OUCG recommended that the proposed \$20,673 of ongoing E&R be excluded from Petitioner's revenue requirement. The OUCG recommended that Petitioner cover these

costs with its cash on hand. The OUCC also made adjustments to Petitioner's proposed O&M and tax expenses. The OUCC concluded that Petitioner's metered rates should be increased by 15.76% or \$64,630 annually, and that the new rates be subject to a true-up of costs associated with the proposed project. The OUCC also recommended that an increase in Petitioner's returned check fee be added to Petitioner's application.

On October 13, 2003, Petitioner sent a letter to Mr. Jerry Webb at the Commission's offices, which indicated that Petitioner is in agreement with all of the OUCC's recommendations except for expense adjustments 1, 4, and 5, which Petitioner requested be (\$427), \$ 218 and \$462, respectively. In addition, Petitioner desired \$10,000 more per year for extensions and replacements than the amount the OUCC had recommended. Petitioner indicated in that letter that the OUCC had considered these changes to be acceptable, which it verified through a letter sent on December 22, 2003 at the request of Mr. Webb. After all of the adjustments have been taken into account, both the OUCC and the Petitioner agree that a rate increase of 18.83% should be authorized by the Commission.

6. Test Period. The test period selected for determining Petitioner's revenues and expenses reasonably incurred in providing water utility service to its customers includes the twelve (12) months ending December 31, 2002. With adjustments for changes that are sufficiently fixed, known and measurable, the Commission finds that this test period is sufficiently representative of Petitioner's normal operations to provide reliable data for ratemaking purposes.

7. Petitioner's Revenue Requirements. As stated previously, Petitioner and the OUCC have reached agreement on the proposed revenue requirements and percentage increase. Based upon the agreement, the parties determined the Petitioner's revenue requirements to be as follows:

REVENUE REQUIREMENTS

Operation and Maintenance Expenses	\$366,195
Extensions and Replacements	116,667
Taxes Other Than Income Taxes	10,139
Debt Service	0
Debt Service Reserve	0
Working Capital	<u>0</u>
Total Revenue Requirements	493,001
Less: Interest Income	2,821
Less: Revenues Not Subject to Rate Increase	<u>2,961</u>
Net Revenue Requirement	487,219
Less: Pro-forma present rate revenue	<u>(410,084)</u>
Net increase/(decrease) required	77,135
Add: additional IURC Fee	<u>85</u>
Recommended increase/(decrease)	<u>\$ 77,220</u>
Percentage increase/(decrease)	18.83%

8. Authorized Rates. The Commission accepts the proposed settlement between the two parties and, therefore, determines that the 18.83% increase in rates recommended by the Public and authorized by the Petitioner is reasonable and necessary to ensure adequate service and address the utility's future anticipated growth.

IT IS THEREFORE ORDERED BY THE INDIANA UTILITY REGULATORY COMMISSION that:

1. Petitioner is hereby authorized to increase by 18.83% its recurring rates and charges across-the-board for water service to its customers. This results in an increase of \$77,220 in annual operating revenue.

2. Petitioner is hereby authorized to increase its returned check fee to \$25.

3. Prior to placing into effect the rates and charges approved herein, Petitioner shall file a schedule of rates and charges set out in accordance with Commission rules for filing utility tariffs, which shall be prepared for the purpose of accomplishing the findings set forth above, with the Commission's Gas/Water/Sewer Division. When filed with the Commission and approved by the Gas/Water/Sewer Division, such schedule of rates and charges shall cancel all prior rates and charges.


4. Petitioner is required to place Extension and Replacement funds collected for the proposed project in an interest bearing restricted account and restrict the use of said funds for only capital improvements. Petitioner is also required to continue to restrict the accrued Extension and Replacement funds to provide additional system storage capacity and other capital improvements once the proposed 12" water transmission main is complete. Petitioner shall include, in its annual report filed with this Commission pursuant to I.C. 8-1-2-16, the name and address of the institution where the restricted account is located and a detailed listing of funds into and out of such account such that the uses of the fund can be easily determined.

5. This Order shall be effective on and after the date of its approval.

MCCARTY, HADLEY, LANDIS, RIPLEY AND ZIEGNER CONCUR:

APPROVED: JAN 14 2004

I hereby certify that the above is a true and correct copy of the Order as approved.


Nancy Manley,
Secretary to the Commission

42476-4

**MARYSVILLE-OTISCO-NABB
WATER CORPORATION**

**APPLICATION FOR
RATE CHANGE**

**For test period ended
December 31, 2002**

FILED
JUN 30 2003
**INDIANA UTILITY
REGULATORY COMMISSION**

**LEGAL NOTICE OF FILING FOR A CHANGE OF WATER RATES BY THE
MARYSVILLE-OTISCO-NABB WATER CORPORATION**

Notice is hereby given that the Marysville-Otisco-Nabb Water Corporation, Otisco, Indiana under and pursuant to the Public Service Commission Act, as amended, has filed on June 30, 2003, an increase in the schedule of rates and charges for water sold by its utility in the amount of 26.5% across the board, with the Indiana Utility Regulatory Commission under IC 8-1-2-61.5, without the necessary costs of a Utility Commission hearing. However, a public hearing by the Utility Regulatory Commission will be held if any public or municipal corporation, ten individuals, firms, corporations, or associations or ten complainants of all or any of these classes affected by the proposed rate change or the utility consumer counselor requests a formal hearing by filing a written request with the Secretary, Utility Regulatory Commission, 913 State Office Building, Indianapolis, Indiana 46204. This written request must be received by the utility regulatory commission within forty (40) days of the date the application for rate change was filed with the utility regulatory commission. There likely will be no hearing in the absence of a written request.

The changes in the schedule or rates and charges submitted to the Commission are needed to upgrade lines, and make improvements, including new transmission mains to improve our volume and storage capacity. The rate changes shall apply for the next practical consumption period following final approval by the Commission.

Marysville-Otisco-Nabb Water Corporation of Otisco, Indiana
James P. Bowen
President of Board of Directors

**LEGAL NOTICE OF FILING FOR A CHANGE OF WATER RATES BY THE
MARYSVILLE-OTISCO-NABB WATER CORPORATION**

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Marysville-Otisco-Nabb Water Corporation of Otisco, Indiana
James P. Bowen
President of Board of Directors

INDIANA UTILITY REGULATORY COMMISSION
GENERAL INSTRUCTIONS AND FORMS
FOR
SMALL NOT-FOR-PROFIT WATER UTILITY-ACCRUAL BASIS
RATE CASE
ACCOUNTING SECTION

INSTRUCTIONS

HISTORICAL FINANCIAL DATA Pages 1 thru 13, the Comparative Balance Sheet, Analysis of Utility Plant in Service, Analysis of Accumulated Depreciation, Analysis of Retained Earnings, Comparative Income Statement, Comparative Detail of Operating Revenues, and the Comparative Detail of Operating Expenses should be taken from the utility's books and records. The first column of the Balance Sheet, Income Statement and related schedules should reflect the Test Year. The test period selected should be the most current 12 months, preferably ending on a calendar quarter. Also, the test year should not be any older than six months from the date you file your application. The comparative data on the balance sheet and income statement should be the most current calendar year available.

SCHEDULE OF PRESENT AND PROPOSED RATES To the extent that this schedule is not self-explanatory, the tracker column would only be filled out if your utility purchases all or part of its water from another utility and that utility has changed its wholesale rate since your last general rate case. Column F, the percent increase in rates, should correspond to the percent increase in water sales as shown in the Detail of Adjustments and recorded on the Pro-forma Operating Income Statement for an across-the-board rate change.

PROFORMA OPERATING INCOME STATEMENT Column A should be the test year figures as taken from the utility's books and records and should be the same as the numbers found in Column A of the Comparative Income Statement. Column B contains the adjustments which are detailed on the pages that follow the Proforma Operating Income Statement. Column C should be the totals of Columns A and B, and Column D should contain the adjustments which reflect the results of the proposed rate increase. Finally, Column E is the sum of Columns C and D.

DETAIL OF TYPICAL ADJUSTMENTS These are sample adjustments that you may use. If your circumstances require the use of another format, feel free to use your own format. Also, you might not have adjustments to all the accounts we listed or you may have other fixed, known and measurable adjustments that we haven't shown as examples. If you do use your own format, please show as much detail as possible.

INSTRUCTIONS

REVENUE REQUIREMENTS STATEMENT (Page 25 and 26)

This schedule itemizes and totals the utility's statutory revenue requirements. Proforma operating revenues at proposed rates, as calculated in Column E of the Proforma Operating Receipts and Disbursements Statement, along with available interest income, should not exceed the total revenue requirements calculated on this schedule.

Operation and Maintenance Expenses and Taxes Other Than Income Taxes

These numbers are derived from Page 11, the Proforma Receipts and Disbursements Statement.

Debt Service

The revenue requirement should include the principal and interest payments for all of the legal obligations of the utility.

Debt Service Reserve

Debt service reserve accounts may be funded through rates but the funding shouldn't exceed 10% of the annual principal and interest payments for each debt issue.

Working Capital

This calculation was adapted from the Federal Energy Regulatory Commission's generic "45 day" working capital computation. The purpose of the FERC computation was to estimate the number of dollars a utility has invested in funding the lag between the time payments are due for its expenses and the time collections are received from the utility's customers. 45 days reflects a 30 day billing cycle plus a 15 day grace period for payments. We divide by eight because there are approximately eight 45-day periods in a year. The calculation on Page 17 provides for the petitioning utility to have enough working capital on hand to meet 45 days of expenses or to build that amount up over a three year period. Purchased power and purchased water are excluded expenses because they are assumed to be on a similar billing cycle as the petitioning utility.

Extensions and Replacements

Funds to be provided through rates for extensions and replacements of utility plant is calculated in the Engineering Section of this report.

Marysville-Otisco-Nabb Water Corporation

Marysville, Indiana

COMPARATIVE BALANCE SHEET
as of December 31, 2002 and 2001

OUCC Attachment JTP-8

Cause No. 45955

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Line No.	As Of 12/31/2002 Col. A	As Of 12/31/2001 Col. B	
<u>ASSETS AND OTHER DEBITS</u>			
<u>UTILITY PLANT IN SERVICE</u>			
1.	Utility plant in service	\$ 2,578,016	\$ 2,558,758
2.	Less: Accumulated depreciation and amortization	(1,059,866)	(1,017,254)
3.	Net Utility Plant in Service	<u>\$ 1,518,150</u>	<u>\$ 1,541,504</u>
4.	Property held for future use-net	-	-
5.	Construction work in progress	14,103	-
6.	Utility plant acquisition adjustment	-	-
7.	Less: Accumulated amortization of utility plant acquisition adjustment	-	-
8.	Miscellaneous utility plant	-	-
9.	Total Net Utility Plant	<u>\$ 1,532,253</u>	<u>\$ 1,541,504</u>
<u>OTHER PROPERTY AND INVESTMENTS</u>			
10.	Non-utility property	\$ -	\$ -
11.	Less: Accumulated depreciation	-	-
12.	Investments in associated companies	-	-
13.	Other investments	-	-
14.	Sinking funds	-	-
15.	Bond and interest fund	-	-
16.	Meter deposit fund	-	-
17.	Construction fund	-	-
18.	Depreciation fund	-	-
19.	Other special funds	-	-
20.	Total Other Property and Investments	<u>\$ -</u>	<u>\$ -</u>
<u>CURRENT AND ACCRUED ASSETS</u>			
21.	Cash	\$ 85,293	\$ 63,089
22.	Special deposits	65,368	63,359
23.	Customer accounts receivable	42,917	37,812
24.	Other accounts receivable	-	-
25.	Related party receivable	-	5,292
26.	Accumulated provision for uncollectible accounts-credit	-	-
27.	Plant materials and supplies	16,340	12,094
28.	Prepayments	7,116	6,251
29.	Interest and dividends receivable	223	327
30.	Accrued utility revenues	-	-
31.	Miscellaneous current and accrued assets	-	-
32.	Total Current and Accrued Assets	<u>\$ 217,257</u>	<u>\$ 188,224</u>
<u>DEFERRED DEBITS</u>			
33.	Please detail	<u>\$ -</u>	<u>\$ -</u>
34.	Total Assets and Other Debits	<u>\$ 1,749,510</u>	<u>\$ 1,729,728</u>

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
COMPARATIVE BALANCE SHEET
as of December 31, 2002 and 2001

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Line No.		As Of 12/31/2002 <hr/> Col. A	As Of 12/31/2001 <hr/> Col. B
<u>LIABILITIES AND OTHER CREDITS</u>			
<u>EQUITY CAPITAL</u>			
1.	Membership capital	\$ 283,806	\$ 277,526
2.	Common stock issued	-	-
3.	Preferred stock issued	-	-
4.	Other paid-in capital	-	-
5.	Retained earnings	553,606	578,536
6.	Total Equity Capital	<hr/> \$ 837,412	<hr/> \$ 856,062
<u>LONG-TERM DEBT</u>			
7.	Bonds	\$ -	\$ -
8.	Advances from associated companies	-	-
9.	Other long-term debt	-	-
10.	Total Long-Term Debt	<hr/> \$ -	<hr/> \$ -
<u>CURRENT AND ACCRUED LIABILITIES</u>			
11.	Accounts payable	\$ 23,924	\$ 15,428
12.	Notes payable	-	-
13.	Accounts payable to associated companies	-	-
14.	Customer deposits	-	-
15.	Accrued taxes	7,202	5,481
16.	Accrued interest	-	-
17.	Matured long-term debt	-	-
18.	Miscellaneous current and accrued liabilities	-	-
19.	Total Current and Accrued Liabilities	<hr/> \$ 31,126	<hr/> \$ 20,909
<u>DEFERRED CREDITS</u>			
20.	Unamortized premium on debt	\$ -	\$ -
21.	Advances for construction	8,950	8,950
22.	Other deferred credits	-	-
23.	Total Deferred Credits	<hr/> \$ 8,950	<hr/> \$ 8,950
<u>OPERATING RESERVES</u>			
24.	Property insurance reserves	\$ -	\$ -
25.	Injuries and damages reserves	-	-
26.	Pensions and benefits reserves	-	-
27.	Miscellaneous operating reserves	-	-
28.	Total Operating Reserves	<hr/> \$ -	<hr/> \$ -
<u>CONTRIBUTIONS IN AID OF CONSTRUCTION</u>			
29.	Contributions in aid of construction	\$ 872,022	\$ 843,807
30.	Less: Accumulated amortization	-	-
31.	Net Contributions in Aid of Construction	<hr/> \$ 872,022	<hr/> \$ 843,807
32.	Total Liabilities and Other Credits	<hr/> \$ 1,749,510	<hr/> \$ 1,729,728

See Attached.

MARYSVILLE-OTISCO-NABB WATER CORPORATION

NOTES TO FINANCIAL STATEMENTS

NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The summary of significant accounting policies of Marysville-Otisco-Nabb Water Corporation (Corporation) is presented to assist in understanding the Corporation's financial statements. The financial statements and notes are representations of the Corporation's management, who is responsible for their integrity and objectivity.

The Corporation is a member of the Indiana Utility Regulatory Commission (IURC) and, accordingly, maintains its records in accordance with policies prescribed or permitted by the IURC and the National Association of Regulatory Utility Commissioners which conform in all material respects with accounting principles generally accepted in the United States of America.

The more significant accounting policies of the Corporation are as follows:

Nature of Operations

The Corporation is an Indiana corporation engaged primarily in providing water services to its customers in the immediate area of the Water Company. The Corporation purchases its water as further explained in Note 4.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities (and disclosure of contingent assets and liabilities, if any) at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Cash Equivalents

The Corporation considers all short-term investments purchased with an original maturity of three months or less to be cash equivalents. There were no cash equivalents at December 31, 2002 and 2001.

Customer Accounts Receivable

The Corporation uses the allowance method for recording bad debts. Management has determined that no allowance was necessary at December 31, 2002 and 2001.

MARYSVILLE-OTISCO-NABB WATER CORPORATION

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 1—SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES—Continued

Materials and Supplies Inventory

Inventory, which consists of various materials and supplies, is valued at the lower of cost or market. Cost is determined on a FIFO (first-in, first-out) basis.

Utility Plant

Property and equipment are recorded at cost. Depreciation is provided on the straight-line method over the estimated useful lives of the respective assets. Maintenance and repairs are charged to expense as incurred; major renewals and betterments are capitalized. When items of property or equipment are sold, the related cost and accumulated depreciation are removed from the accounts, and any gain or loss is included in income. See Note 3 for additional information.

Contributions in Aid of Construction

As required by the IURC, members' tap-in fees are credited to Contributions in Aid of Construction, and the related expense of the tap-in is capitalized in the utility plant accounts.

Revenue Recognition

The Corporation records revenue as billed to its customers based on monthly meter readings. The Corporation does not accrue amounts receivable for water service rendered but unbilled at month-end.

NOTE 2—CERTIFICATES OF DEPOSIT

The following summarizes the certificates of deposit at December 31, 2002 and 2001:

<u>Certificates of Deposit</u>	<u>Current Term</u>	<u>Current Rate</u>	<u>2002</u>	<u>2001</u>
First Savings Bank	12 months	2.19%	\$ <u>65,368</u>	\$ <u>63,359</u>

MARYSVILLE-OTISCO-NABB WATER CORPORATION

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 3—UTILITY PLANT IN SERVICE

The summary of utility plant in service at December 31, 2002 is as follows:

Utility Plant	Cost	Life	Accumulated Depreciation 12/31/2001	Depreciation Expense 2002	Disposals 2002	Accumulated Depreciation 12/31/2002
Land and land rights	\$ 13,780	-	\$ -	\$ -	\$ -	\$ -
Transmission and distribution mains	1,234,599	50 yrs.	466,860	24,580	-	491,440
Tanks	479,065	50 yrs.	109,373	9,581	-	118,954
Services	46,707	20 yrs.	46,707	-	-	46,707
Meters	158,483	30 yrs.	104,532	5,255	-	109,787
Hydrants	46,375	50 yrs.	9,132	885	-	10,017
Meter installation	390,484	20-50 yrs.	179,131	9,613	-	188,744
Vehicles	13,711	5 yrs.	2,971	2,742	-	5,713
Other plant equipment	23,100	20-30 yrs.	19,732	877	(1,195)	19,414
Furniture and equipment	27,013	5-20 yrs.	30,608	2,341	(11,977)	20,972
Equipment and tools	2,726	7 yrs.	438	336	-	774
Communication equipment	37,010	5-10 yrs.	21,277	2,182	-	23,459
Power-operated equipment	1,050	7-10 yrs.	6,391	328	(5,769)	950
Office building and storage	103,913	15-40 yrs.	20,102	2,833	-	22,935
	<u>\$2,578,016</u>		<u>\$1,017,254</u>	<u>\$61,553</u>	<u>\$(18,941)</u>	<u>\$1,059,866</u>

NOTE 4—PURCHASED WATER AND SOURCE OF SUPPLY

The Corporation purchases its water from two suppliers, The City of Charlestown and Stucker Fork Water Corporation. Total purchases during 2002 and 2001 were \$153,749 and \$154,474, respectively. Any delay in operations by these suppliers could adversely affect the Corporation's operations and corresponding operating results. See Note 7 for additional information.

MARYSVILLE-OTISCO-NABB WATER CORPORATION

NOTES TO FINANCIAL STATEMENTS—Continued

NOTE 5—RELATED PARTY INFORMATION

The Corporation contracts for certain services with an entity owned by an employee of the Corporation. The total services provided for the years ended December 31, 2002 and 2001 were approximately \$41,000 and \$80,000, respectively.

During 2001, the Corporation purchased materials on behalf of this entity totaling \$5,292. This amount is reflected in the Balance Sheets as related party receivable at December 31, 2001. The entire balance was collected during 2002.

NOTE 6—INCOME TAX STATUS

The Corporation is exempt from federal income taxes under Section 501(c)(12) of the Internal Revenue Code. Under this section of the Code, the Corporation is exempt from federal income taxes if at least 85% of its gross income is from members.

Additionally, gross income received by a not-for-profit corporation formed solely for the purpose of supplying water to the public is exempt from the gross income tax, imposed under the State of Indiana Tax Act. Therefore, the financial statements do not reflect an accrual for federal or state taxes.

NOTE 7—COMMITMENTS

The Corporation has a forty-year contract to purchase water from the Town of Charlestown at a current cost of \$1.13 per thousand gallons. This contract has no minimum purchase requirements and expires in 2019.

The Corporation also has a five-year contract to purchase water from Stucker Fork Conservancy District. This contract requires the Corporation to purchase a minimum average of 290,000 gallons per day at a cost of \$1.00 per thousand gallons. The Corporation will incur additional costs in the event additional gallons are used. The contract expires in December 2004, with a renewal option at that date.

Future minimum payments under this contract are as follows:

2003	\$106,000
2004	\$106,000

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
ANALYSIS OF UTILITY PLANT IN SERVICE
from December 31, 2001 to December 31, 2002

Line No.		<u>1/1/01</u> Col. A	<u>Additions</u> Col. B	<u>Retirements</u> Col. C	<u>Other</u> Col. D	<u>12/31/01</u> Col. E	<u>Additions</u> Col. F	<u>Retirements</u> Col. G	<u>Other</u> Col. H	<u>12/31/2002</u> Col. I
UTILITY PLANT										
1.	Land and land rights	\$ 13,780	\$ -	\$ -	\$ -	\$ 13,780	\$ -	\$ -	\$ -	\$ 13,780
2.	Structures and improvements	\$ 103,913	-	-	-	\$ 103,913	-	-	-	\$ 103,913
3.	Collection and impounding reservoirs	\$ -	-	-	-	-	-	-	-	\$ -
4.	Lake, river and other intakes	\$ -	-	-	-	-	-	-	-	\$ -
5.	Wells and springs	\$ -	-	-	-	-	-	-	-	\$ -
6.	Infiltration galleries and tunnels	\$ -	-	-	-	-	-	-	-	\$ -
7.	Supply mains	\$ -	-	-	-	-	-	-	-	\$ -
8.	Power generation equipment	\$ -	-	-	-	-	-	-	-	\$ -
9.	Pumping equipment	\$ -	-	-	-	-	-	-	-	\$ -
10.	Water treatment equipment	\$ -	-	-	-	-	-	-	-	\$ -
11.	Distribution reservoirs and standpipes	\$ 518,362	2,040	(41,337)	-	\$ 479,065	-	-	-	\$ 479,065
12.	Transmission and distribution mains	\$ 983,764	239,621	-	-	\$ 1,223,385	11,214	-	-	\$ 1,234,599
13.	Services	\$ 46,707	-	-	-	\$ 46,707	-	-	-	\$ 46,707
14.	Meters and meter installations	\$ 504,379	25,044	-	-	\$ 529,423	19,544	-	-	\$ 548,967
15.	Hydrants	\$ 38,967	3,141	-	-	\$ 42,108	4,267	-	-	\$ 46,375
16.	Other plant and misc. equipment	\$ 25,450	-	-	-	\$ 25,450	-	(2,350)	-	\$ 23,100
GENERAL PLANT										
17.	Office furniture and equipment	\$ 36,030	-	-	-	\$ 36,030	5,775	(14,792)	-	\$ 27,013
18.	Transportation equipment	\$ 13,711	-	-	-	\$ 13,711	-	-	-	\$ 13,711
19.	Stores equipment	\$ -	-	-	-	-	-	-	-	\$ -
20.	Tools, shop and garage equipment	\$ -	-	-	-	-	-	-	-	\$ -
21.	Laboratory equipment	\$ -	-	-	-	-	-	-	-	\$ -
22.	Power operated equipment	\$ 6,950	-	-	-	\$ 6,950	-	(5,900)	-	\$ 1,050
23.	Communication equipment	\$ 34,234	2,776	-	-	\$ 37,010	-	-	-	\$ 37,010
24.	Miscellaneous equipment	\$ 892	334	-	-	\$ 1,226	1,500	-	-	\$ 2,726
25.	Other tangible property	\$ -	-	-	-	-	-	-	-	\$ -
26.	Total Utility Plant in Service	<u>\$ 2,327,139</u>	<u>\$ 272,956</u>	<u>\$ (41,337)</u>	<u>\$ -</u>	<u>\$ 2,558,758</u>	<u>\$ 42,300</u>	<u>\$ (23,042)</u>	<u>\$ -</u>	<u>\$ 2,578,016</u>

<u>Line</u> <u>No.</u>		
1.	<u>BALANCE JANUARY 1, 2001</u> (1)	\$ 985,572
	<u>YEAR 2001</u>	
2.	Charged to depreciation expense	58,254
3.	Salvage	-
4.	Retirements	(26,572)
5.	Cost of removal	-
6.	Adjustments *	-
7.	<u>BALANCE JANUARY 1, 2002</u> (2)	<u>\$ 1,017,254</u> (4)
	<u>YEAR 2002</u>	
8.	Charged to depreciation expense	61,553
9.	Salvage	-
10.	Retirements	(18,941)
11.	Cost of removal	-
12.	Adjustments *	-
13.	BALANCE December 31, 2002 (3)	<u><u>\$ 1,059,866</u></u> (5)

- (1) This should be the date of the beginning of the first year.
 (2) This should be the date of the end of the first year
 (3) This should be the date of the end of the test year.
 (4) This amount should agree with the amount on Page XX, Column B, Line 2.
 (5) This amount should agree with the amount on Page XX, Column A, Line 2.

* Please detail

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
ANALYSIS OF RETAINED EARNINGS
from December 31, 2001 to December 31, 2002

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<u>Line</u> <u>No.</u>		
1.	<u>BALANCE JANUARY 1, 2001</u> (1) <u>YEAR 2001</u>	\$ 588,005
2.	Balance transferred from income	(9,469)
3.	Common stock dividends	-
4.	Preferred stock dividends	-
5.	Adjustments *	-
6.	<u>BALANCE JANUARY 1, 2002</u> (2) <u>YEAR 2002</u>	<u>\$ 578,536</u> (4)
7.	Balance transferred from income	(24,930)
8.	Common stock dividends	-
9.	Preferred stock dividends	-
10.	Adjustments *	-
11.	BALANCE December 31, 2002 (3)	<u><u>\$ 553,606</u></u> (5)

- (1) This should be the date of the beginning of the first year.
- (2) This should be the date of the end of the first year
- (3) This should be the date of the end of the test year.
- (4) This amount should agree with the amount on Page XX, Column B, Line 5.
- (5) This amount should agree with the amount on Page XX, Column A, Line 5.

* Please detail

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
COMPARATIVE INCOME STATEMENT
for the years ended December 31, 2002 and 2001

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Line No.		Year Ended 2002 <u>Col. A</u>	Year Ended 2001 <u>Col. B</u>
<u>OPERATING REVENUES</u>			
1.	Sales of water	\$ 406,768	\$ 403,293
2.	Other operating revenues	2,961	2,062
3.	Total Operating Revenues	<u>\$ 409,729</u>	<u>\$ 405,355</u>
<u>OPERATING EXPENSES</u>			
4.	Operation and maintenance expenses	\$ 362,148	\$ 338,230
5.	Depreciation expense	61,553	58,254
6.	Amortization expense	-	-
7.	Taxes other than income taxes	9,677	10,490
8.	Total Operating Expenses	<u>\$ 433,378</u>	<u>\$ 406,974</u>
9.	Net Operating Income (Loss)	<u>\$ (23,649)</u>	<u>\$ (1,619)</u>
<u>OTHER INCOME AND DEDUCTIONS</u>			
10.	Revenue from merchandising jobbing and contract work	\$ -	\$ -
11.	Cost and expenses from merchandising jobbing and contract work	-	-
12.	Income from non-utility operations	-	-
13.	Interest income	2,821	6,915
14.	Allowance for funds used during construction	-	-
15.	Miscellaneous non-utility income and expenses	(4,102)	(14,765)
16.	Total Other Income and Deductions	<u>\$ (1,281)</u>	<u>\$ (7,850)</u>
17.	TAXES APPLICABLE TO OTHER INCOME AND DEDUCTIONS	<u>\$ -</u>	<u>\$ -</u>
<u>INTEREST CHARGES</u>			
18.	Interest on long-term debt	\$ -	\$ -
19.	Interest on debt to associated companies	-	-
20.	Amortization of debt discount and expense	-	-
21.	Amortization of premium on debt	-	-
22.	Total Interest Charges	<u>\$ -</u>	<u>\$ -</u>
<u>EXTRAORDINARY ITEMS</u>			
23.	Extraordinary income	\$ -	\$ -
24.	Extraordinary deductions	-	-
25.	Taxes on extraordinary items	-	-
26.	Total Extraordinary Items	<u>\$ -</u>	<u>\$ -</u>
27.	Net Income (Loss)	<u>\$ (24,930)</u>	<u>\$ (9,469)</u>

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
COMPARATIVE DETAIL OF OPERATING REVENUES
for the years ended December 31, 2002 and 2001

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Line No.	Year Ended 2002 <u>Col. A</u>	Year Ended 2001 <u>Col. B</u>
<u>OPERATING REVENUES</u>		
<u>SALES OF WATER</u>		
1.	\$ -	\$ -
2.	403,515	399,054
3.	3,039	4,010
4.	-	-
5.	-	-
6.	214	229
7.	-	-
8.	-	-
9.	-	-
10.	-	-
11.	-	-
12.	<u>\$ 406,768</u>	<u>\$ 403,293</u>
<u>OTHER OPERATING REVENUES</u>		
13.	\$ 2,961	\$ 2,062
14.	-	-
15.	-	-
16.	-	-
17.	-	-
18.	<u>\$ 2,961</u>	<u>\$ 2,062</u>
19.	<u>\$ 409,729</u>	<u>\$ 405,355</u>

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
COMPARATIVE DETAIL OF OPERATING EXPENSES
for the years ended December 31, 2002 and 2001
 (Condensed Version)

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Line No.	Year Ended 2002 <u>Col. A</u>	Year Ended 2001 <u>Col. B</u>
<u>OPERATING EXPENSES</u>		
<u>OPERATION AND MAINTENANCE EXPENSES</u>		
1.	\$ 132,968	\$ 124,529
2.	2,100	1,397
3.	-	-
4.	153,749	154,474
5.	3,573	4,620
6.	-	-
7.	-	-
8.	3,671	7,041
9.	31,626	23,698
10.	-	-
11.	2,128	2,114
12.	8,937	6,472
13.	-	-
14.	(15)	479
15.	23,411	13,406
16.	<u>\$ 362,148</u>	<u>\$ 338,230</u>
17.	<u>\$ 61,553</u>	<u>\$ 58,254</u>
18.	<u>\$ -</u>	<u>\$ -</u>
<u>TAXES OTHER THAN INCOME TAXES</u>		
19.	\$ -	\$ -
20.	-	-
21.	9,677	10,490
22.	-	-
23.	<u>\$ 9,677</u>	<u>\$ 10,490</u>
24.	<u>\$ 433,378</u>	<u>\$ 406,974</u>

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
SCHEDULE OF PRESENT AND PROPOSED RATES

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	Present	Tracker	Adjusted	Proposed	Increase	
	Rates (1)		Present		Rates	Amount
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F
METERED RATES PER MONTH						
First 2,500 Gallons	\$3.34	\$0.00	\$3.34	\$4.23	\$0.89	26.55%
Next 3,500 Gallons	\$2.94	\$0.00	\$2.94	\$3.72	\$0.78	26.55%
Next 4,000 Gallons	\$2.14	\$0.00	\$2.14	\$2.71	\$0.57	26.55%
Next 10,000 Gallons	\$1.84	\$0.00	\$1.84	\$2.33	\$0.49	26.55%
Next 20,000 Gallons	\$1.54	\$0.00	\$1.54	\$1.95	\$0.41	26.55%
MINIMUM RATES PER MONTH						
Water	\$6.30	\$0.00	\$6.30	\$7.97	\$1.67	26.55%
Reconnection fee	\$12.00	\$0.00	\$12.00	\$12.00	\$0.00	0.00%
	\$ 0	\$ -	\$ 0	\$0.00	\$ 0	0.00%
	\$ 0	\$ -	\$ 0	\$0.00	\$ 0	0.00%
	\$ 0	\$ -	\$ 0	\$0.00	\$ 0	0.00%
FIRE LINES / SPRINKLERS						
PER MONTH / PER YEAR	\$ 0	\$ -	\$ 0	\$ 0	\$ -	0.00%
	\$ 0	\$ -	\$ 0	\$ 0	\$ -	0.00%
	\$ 0	\$ -	\$ 0	\$ 0	\$ -	0.00%
	\$ 0	\$ -	\$ 0	\$ 0	\$ -	0.00%
HYDRANT RENTAL						
PER MONTH / PER YEAR	\$ 0	\$ -	\$ 0	\$ 0	\$ -	0.00%
	\$ 0	\$ -	\$ 0	\$ 0	\$ -	0.00%
	\$ 0	\$ -	\$ 0	\$ 0	\$ -	0.00%
	\$ 0	\$ -	\$ 0	\$ 0	\$ -	0.00%

(1) Approved in Cause No. 35385, Order dated October 14, 1988.

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
PROFORMA OPERATING INCOME STATEMENT

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Line No.	Test Year Col. A	Adjustments Col. B	Adjusted Present Rates Col. C	Adjustments Col. D	Proforma Proposed Rates Col. E
<u>OPERATING REVENUES</u>					
1.	\$ 406,768	\$ -	\$ 406,768	\$ 107,994	\$ 514,762
2.	2,961	-	2,961	-	2,961
3.	<u>\$ 409,729</u>	<u>\$ -</u>	<u>\$ 409,729</u>	<u>\$ 107,994</u>	<u>\$ 517,723</u>
<u>OPERATING EXPENSES</u>					
4.	\$ 362,148	\$ 17,651	\$ 379,799	\$ 119	\$ 379,918
5.	-	-	-	-	-
6.	-	-	-	-	-
7.	-	-	-	-	-
8.	-	-	-	-	-
9.	-	-	-	-	-
10.	-	-	-	-	-
11.	-	-	-	-	-
12.	-	-	-	-	-
13.	-	-	-	-	-
14.	61,553	-	61,553	-	61,553
15.	-	-	-	-	-
16.	9,677	648	10,325	-	10,325
17.	-	-	-	-	-
18.	<u>\$ 433,378</u>	<u>\$ 18,299</u>	<u>\$ 451,677</u>	<u>\$ 119</u>	<u>\$ 451,796</u>
19.	<u>\$ (23,649)</u>	<u>\$ (18,299)</u>	<u>\$ (41,948)</u>	<u>\$ 107,875</u>	<u>\$ 65,927</u> *

* The Net Operating Income (Loss) does not include the amount for the extensions and replacements ongoing or capital improvement program. The total amount for extensions and replacements for both ongoing and capital improvement is \$127,339.80.

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
DETAIL OF TYPICAL ADJUSTMENTS

(1) TO ADJUST OPERATING EXPENSES TO REFLECT AN INCREASE IN PAYROLL EXPENSE FOR SALARIED PERSONNEL

Line No.	Employee Name Col. A	Employee Title Col. B	Proposed Salary Col. C	Less: Test Year Salary Col. D	Difference Col. E	Percent Expended Col. F	Adjustment Col. E x F Col. G
1.	Rich Henderson	Manager	\$ 53,955	\$ 52,593	\$ 1,362	100.00%	\$ 1,362
Totals			<u>\$ 53,955</u>	<u>\$ 52,593</u>	<u>\$ 1,362</u>		<u>\$ 1,362</u>

(2) TO ADJUST OPERATING EXPENSES TO REFLECT AN INCREASE IN PAYROLL EXPENSE FOR HOURLY PERSONNEL

Employee Name Col. A	Employee Title Col. B	Test Year Req. Hours Col. C	Test Year Q.T. Hours Col. D	Proforma Hourly Rates		Proforma Hourly Wages			Test Year Wages Col. J	Difference Col. K	Percent Expense Col. L	Adjustment Col. I x K Col. M	
				Regular Col. E	Overtime Col. F	Regular Col. G	Overtime Col. H	Total Col. I					
1.	Tony Masingo	Operator	2,080.00	118.75	14.06	\$ 21.09	\$ 29,245	\$ 2,504.44	\$ 31,749.24	\$ 31,120.65	\$ 628.59	100.00%	\$ 629
2.	Lisa Doyle	Bookkeeper	2,080.00	51.50	11.63	\$ 17.45	\$ 24,190	\$ 898.42	\$ 25,088.82	\$ 24,628.64	\$ 460.18	100.00%	\$ 460
3.	Dana Miller	Bookkeeper	2,080.00	9.50	9.85	\$ 14.78	\$ 20,488	\$ 140.36	\$ 20,628.36	\$ 20,116.03	\$ 512.33	100.00%	\$ 512
Totals							<u>\$ 73,923</u>	<u>\$ 3,543</u>	<u>\$ 77,466</u>	<u>\$ 75,865</u>	<u>\$ 1,601</u>		<u>\$ 1,601</u>

(3) TO ADD HEALTH INSURANCE TO EMPLOYEES' BENEFITS PACKAGE

Quoted monthly cost	\$	885.18
12 months		<u>12</u>
Adjustment	\$	<u>10,622.16</u>

Note:

This rate study proposes the addition of health insurance to the employees benefit package.

(4) TO ADJUST OPERATING EXPENSES TO REFLECT THE COST OF THIS RATE CASE

<u>Estimated Rate Case Costs</u>	
Legal fees	\$ 1,000
Accounting fees	8,000
Engineering fees	-
Other (Please detail)	-
Total Rate Case Costs	\$ 9,000
Amortize over 3 years	<u>3</u>
Annual Expense	\$ 3,000
Less: Test year expense	-
Adjustment	<u>\$ 3,000</u>

(5) TO ADJUST OPERATING EXPENSES TO REFLECT THE CURRENT COST OF INSURANCE

<u>Type of Insurance</u>	<u>Current Cost</u>	<u>Test Year Expense</u>	<u>Adjustment</u>
Workman's compensation	\$ 2,561	\$ 2,561	\$ -
Liability	-	-	-
Comprehensive	6,395	5,329	1,066
Property	-	-	-
Vehicle	-	-	-
Other (Please detail)	<u>1,049</u>	<u>1,049</u>	-
Totals	<u>\$ 10,005</u>	<u>\$ 8,939</u>	<u>\$ 1,066</u>

(6) TO ADJUST OPERATING EXPENSES TO REFLECT THE PRORMA LEVEL OF F.I.C.A. TAX

Proforma taxable salaries and wages	\$ 134,964
Times: Tax rate	<u>7.65%</u>
Proforma F.I.C.A. Tax	\$ 10,325
Less: Test year expense	<u>(9,677)</u>
Adjustment	<u>\$ 648</u>

(7) TO ADJUST OPERATING REVENUES TO REFLECT THE PROPOSED RATE INCREASE

Adjusted sales of water at present rates	\$ 406,768
Times: Percent of proposed rate increase	<u>26.55%</u>
Adjustment-Increase	<u>\$ 107,994</u>

(8) TO ADJUST OPERATING EXPENSES TO REFLECT THE PROPOSED RATE INCREASE

<u>Indiana Public Utility Fee</u>	
Increase in revenues due to the proposed rate increase	\$ 107,994
Time: Current rate	<u>0.0011</u>
Adjustment-Increase	<u>\$ 119</u>

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
PROFORMA CASH REVENUE REQUIREMENTS

OUCC Attachment JTP-8
Cause No. 45955
Page 28 of 58

Line No.		
	<u>PRO FORMA CASH REVENUE REQUIREMENTS</u>	
1.	Operation and maintenance expenses	\$ 379,918
2.	Taxes other than income taxes	10,325
3.	Debt service	-
4.	Debt service reserve	-
5.	Working capital	-
6.	Extensions and replacements (ongoing)	20,673
7.	Extensions and replacements (capital improvement program)	106,667
8.	Less: Recurring interest income	<u>(2,821)</u>
9.	Pro Forma Cash Revenue Requirements	<u>\$ 514,762</u>
	<u>WORKING CAPITAL REQUIREMENT- 45 DAY METHOD</u>	
9.	Pro forma operation and maintenance expenses and taxes	\$ 390,243
10.	Less: Purchased water expense	153,749
11.	Less: Purchased power expense	<u>3,573</u>
12.	Net Applicable Operating Expenses	\$ 232,921
13.	Divide By: Eight	<u>8</u>
14.	Working Capital Requirement	29115.131
15.	Less: Available cash and investments *	<u>150,661</u>
16.	Additional Working Capital Needed	\$(121,546)
17.	Divide By: Three	<u>/ 3</u>
18.	Annual Working Capital Requirement	<u>\$ -</u>

* This should include all cash and investments which are available to offset any revenue requirement.

Note: Working capital should not be requested if Line 16 is -0- or negative.

Marysville-Otisco-Nabb Water Corporation
Marysville, Indiana
EXTENSIONS AND REPLACEMENTS

TEST YEAR

Begin: January 1, 2002

Ending: December 31, 2002

Test year	\$ 42,300
Preceding 12 Months, net of special project	53,391 *
Preceding 6 Months	<u>34,938</u>
Total E & R	\$ 130,629
Less: Amounts collected from connection extension charges, etc.	78,947
Less: Improvements funded by debt	-
Plus: Amortizable portion of non-recurring items not funded by debt	<u>-</u>
Plant Extensions and Replacements Funded Through Revenues	\$ 51,682
Divided by: Number of years	<u>2.5</u>
Total Average Annual Extensions and Replacements	<u>\$ 20,672.80</u>

Note:

* During 2001, the water company installed a 12" main along a large section of road. This type of project is infrequent in nature and has thus been excluded from the calculation in determining the average annual extensions and replacements

Marysville - Otisco - Nabb Water Corporation
Marysville, Indiana
GENERAL INFORMATION

Contact Person: Richard B. Henderson
Telephone No.: (812)256-6378
Certified Operator: Richard B. Henderson
No: 25399

<u>Number of Customers</u>	
Residential	2,579
Commercial	11
Industrial	<u>1</u>
Total	<u>2,591</u>

Is increase Across-the Board?	<u>Yes</u>
Are non-recurring charges being revised?	<u>No</u>
Is the depreciation rate being changed in this proceeding?	<u>No</u>

Marysville - Otisco - Nabb Water Corporation
Marysville, Indiana
FACILITIES DESCRIPTION

Source of Supply: The City of Charlestown and Stucker Fork Water Corporation

Distribution System

Size: 2" through 12"
Length: 1,287,264ft

Number of Customers

Residential	<u>2,579</u>
Commercial	<u>11</u>
Industrial	<u>1</u>
Total	<u>2,591</u>

Number of Hydrants

Public:	<u>93</u>
Private:	<u>0</u>

Storage Facilities

	<u>Type</u>	<u>Capacity</u>
1	<u>Elevated, Steel</u>	<u>250,000gl</u>
2	<u>Elevated, Steel</u>	<u>75,000gl</u>

Marysville - Otisco - Nabb Water Corporation
Marysville, Indiana
WATER LOSS

<u>Month</u>	<u>Year</u>	<u>Purchased</u>	<u>Sales</u>
January	2002	11,747.70	10,549.20
February	2002	11,064.90	9,368.20
March	2002	10,351.50	9,075.20
April	2002	11,553.50	10,241.10
May	2002	12,262.90	10,046.20
June	2002	12,594.90	11,720.40
July	2002	14,858.40	14,295.00
August	2002	15,847.70	14,405.10
September	2002	15,881.50	14,043.00
October	2002	12,600.60	10,706.00
November	2002	11,284.60	10,040.20
December	2002	<u>11,734.30</u>	<u>10,428.00</u>
Total		151,782.50	134,917.60

Percent unaccounted-for-water 11.11%

Marysville - Otisco - Nabb Water Corporation
Marysville, Indiana
Calculation of Requirement for Extensions and Replacements

Capital Improvement Program

To be completed if future extensions and replacements to plant are expected to vary significantly from the historical average calculated on page 16. Improvements should be planned for the next three years and cost estimates or bids obtained from material suppliers, contractors or consulting engineers should be attached.

<u>Description of Improvement</u>	<u>Projected Costs</u>			<u>Total</u>
	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	
Additional 12" water transmission main between two main supply sources in order to allow either source to be used as a supply to the system	\$ -	\$ 256,000	\$ 64,000	\$ 320,000
	-	-	-	-
	-	-	-	-
Totals	\$ -	\$ 256,000	\$ 64,000	\$ 320,000
Divide by three years				/3
Average annual projected extensions and improvements				<u>\$ 106,667</u>



DAVID L. DAHL, P.E.
MICHAEL J. MATRAS, P.E.
RICHARD A. BURCH, P.E.

JOHN W. WETZEL, P.E.
SUSAN M. ARVIN, P.E.

EMERITUS
ROBERT J. ELLIOTT, P.E.
ARTHUR R. BODDY, P.E.
JAMES E. BURCH, P.E.
WM. DALE MEYER, P.E.

June 24, 2003

Mr. Richard Henderson
Marysville Otisco Nabb Water
P.O. Box 86
Otisco, IN 47163

Re: Transmission System Improvements
MEI No. 2003RAB


Dear Richard,

Enclosed herein is a probable cost estimate for additional water transmission main improvements for your system. By continuing to install 12" main between your connections with Stucker Fork and Charlestown, this will allow you to utilize either source as supply to your system.

If you have any questions, please feel free to contact me.

Respectfully,

MIDWESTERN ENGINEERS, INC.


Richard A. Burch, P.E.
Sr. Project Engineer

RAB/tdb

Enclosure

**PROBABLE PROJECT COST
FOR
WATER TRANSMISSION MAIN IMPROVEMENTS
FOR
MARYSVILLE-OTISCO-NABB**

OUCC Attachment JTP-8
Cause No. 45955
Page 35 of 58

JUNE, 2003

I. PROBABLE CONSTRUCTION COSTS

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ESTIMATED TOTAL PRICE
1.	12" C900 PVC PIPE	10,500 L.F.	\$18.00	\$189,000.00
2.	12" GATE VALVES W/POLY. ENCASEMENT	5 EA.	\$1,500.00	\$7,500.00
3.	FLUSH HYDRANT	1 EA.	\$1,000.00	\$1,000.00
4.	D.I. FITTINGS WITH POLY. ENCASEMENT	4,000 LBS.	\$1.00	\$4,000.00
5.	CONNECT NEW 12" MAIN TO EXISTING 12" MAIN	1 EA.	\$1,000.00	\$1,000.00
6.	CONNECT NEW 12" MAIN TO EXISTING 8" MAIN	1 L.F.	\$1,000.00	\$1,000.00
7.	12" C.R. BORING W/STEEL CASING	50 L.F.	\$150.00	\$7,500.00
8.	SAND BEDDING	1,200 TON	\$10.00	\$12,000.00
9.	GRADE "B" BORROW BACKFILL	2,400 TON	\$10.00	\$24,000.00
10.	BITUMINOUS RESURFACING (MAJNS)	200 L.F.	\$10.00	\$2,000.00
SUB-TOTAL				\$249,000.00
CONTINGENCIES				\$21,000.00
TOTAL PROBABLE CONSTRUCTION COSTS				\$270,000.00

II. PROBABLE NON-CONSTRUCTION COSTS

\$50,000.00

III. TOTAL PROBABLE PROJECT COST

\$320,000.00

CERTIFIED RESOLUTION OF

MARYSVILLE-OTISCO-NABB WATER CORPORATION

RESOLVED, that Marysville-Otisco-Nabb Water corporation (the "Corporation"), Board of Directors hereby

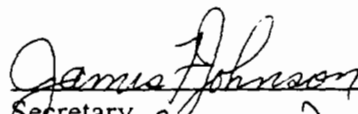
- A. Adopts a capital improvement program as certified by the professional consultant; and
- B. Accepts responsibility for providing the Indiana Utility Regulatory Commission (the "Commission") with annual reports on the following:
 - 1. Construction progress.
 - 2. Expenditures
 - 3. Working documents for subsequent year; and
 - 4. Supply program changes to the Commission, it being understood that any program changes must receive concurrence by the Engineering Division of the Commission.

Dated: June 17, 2003

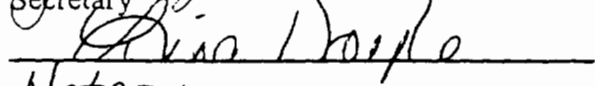


 President

ATTEST:



 Secretary



 Notary
 State of Indiana, Clark Co.
 Expires: Sept. 22, 2008

**COPY OF RESOLUTION OF
BOARD OF DIRECTORS**


RESOLVED, that Marysville-Otisco-Nabb Water Corporation, through its Board of Directors, hereby authorizes the filing of an application for rate change with the Indiana Utility Regulatory Commission, and authorizes the President or Secretary to sign any and all documents deemed necessary to complete said filing.

Dated: June 17, 2003

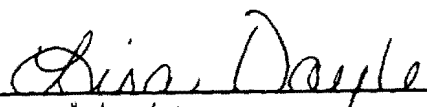


President

ATTEST:



Secretary



NOTARY
State of Indiana
CLARK County
EXPIRES: Sept. 22, 2008

**VERIFIED STATEMENT OF
OUTSTANDING INDEBTEDNESS**


The undersigned declare, under the penalties for perjury, that they are the President and Secretary respectively of Marysville-Otisco-Nabb Water Corporation and that said corporation has no outstanding indebtedness to the federal government.

Dated: June 17, 2003

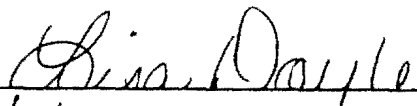


President

ATTEST:



Secretary



NOTARY
STATE OF INDIANA, CLARK Co.
EXPIRES: Sept. 22, 2008

COPY

FILED

SEP 29 2003

INDIANA UTILITY
REGULATORY COMMISSION

STATE OF INDIANA

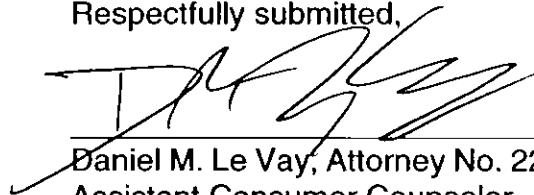
INDIANA UTILITY REGULATORY COMMISSION

**APPLICATION OF MARYSVILLE-OTISCO-NABB)
WATER CORPORATION THROUGH THE SMALL) CAUSE NO. 42476-U
UTILITY FILING PROCEDURE)**

REPORT OF THE OFFICE OF UTILITY CONSUMER COUNSELOR

Pursuant to the provision of 170IAC 14-1-4(a), the Office of Utility Consumer Counselor ("OUCC") hereby files its report regarding the small utility application filed in this Cause

Respectfully submitted,

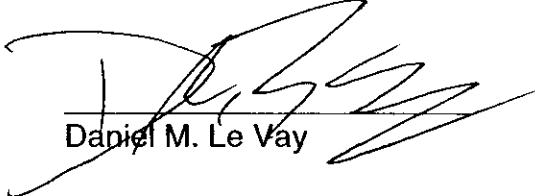


Daniel M. Le Vay, Attorney No. 22184-49
Assistant Consumer Counselor

CERTIFICATE OF SERVICE

This is to certify that a copy of the foregoing **REPORT OF THE OFFICE OF UTILITY CONSUMER COUNSELOR** has been served upon the following counsel of record in the captioned proceeding by depositing a copy of same in the United States mail, first class postage prepaid, on September 29, 2003

J. Adam Gabbard
McCauley Nicolas & Company
702 North Shore Drive, Suite 500
Jeffersonville, IN 47130-3104



Daniel M. Le Vay

INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR
Indiana Government Center North
100 North Senate Avenue, Room N501
Indianapolis, IN 46204-2215
uccdocmgmt@oucc.state.in.us
317/232-2494 - phone
317/232-5923 - facsimile

MARYSVILLE-OTISCO-NABB WATER CORPORATION

REPORT OF THE INDIANA OFFICE OF UTILITY CONSUMER COUNSELOR

Cause No. 41476-U

Introduction

Petitioner, a Class B Not-For-Profit Water Utility, located at P.O. Box 86, Otisco, Indiana, provides water utility service to approximately 2,600 customers in Clark County. The facilities for Marysville-Otisco-Nabb Water Corporation consist of two (2) water storage tanks, (250,000 and 75,000 gallon elevated steel tanks) and a transmission and distribution system of mains ranging in size from two (2) inches to twelve (12) inches in diameter extending a total of 1,287,264 feet (243.8 miles) with 93 public fire hydrants.

The Utility's last base rate increase in Cause No. 31279, was approved October 6, 1966. Petitioner's current Water Cost Tracker rate of \$0.94 per thousand gallons of water was approved by the Commission on October 14, 1988.

On June 30, 2003, Marysville-Otisco-Nabb Water Corporation filed a small utility application for a rate change. The Indiana Utility Regulatory Commission considered the application complete on July 11, 2003.

Relief Requested: In this Cause, Petitioner requested an across-the-board rate increase of 26.55% to fund capital improvements to the water transmission main totaling an estimated \$320,000 and an increase in operating and maintenance expenses.

OUCG Recommendation: Based on an analysis of Petitioner's books and records, the Office of Utility Consumer Counselor (OUCG) recommends that Petitioner's rates be increased 15.76% or \$64,630. The OUCG also recommends that Petitioner be authorized to modify its tariff to include the increased costs of its returned check fee. This report will discuss Petitioner's proposed system improvements and the adjustments the OUCG proposes to Petitioner's application.

Discussion

I. WATER UTILITY NEEDS AND PROPOSED IMPROVEMENTS

Marysville-Otisco-Nabb Water Utility's distribution system and storage facilities have reached capacity and therefore needs to be upgraded.

A. Extensions and Replacements: Petitioner has requested a Pro Forma Cash Revenue Requirement for Extensions and Replacements in the amount of \$20,673 for ongoing improvements based on a historical average and \$106,667 for its capital improvement program. Petitioner has proposed to construct a 12" water transmission main to increase its source of supply. The Public believes that the proposed project is reasonable and necessary. Petitioner estimated the cost of the proposed project to be \$320,000. However, no bids have been received.

During the OUCG's review, Petitioner disclosed that additional capital improvements are planned that were not included in Petitioner's application.

Petitioner needs to add additional storage capacity to its system to meet “Ten State Standards.”

B. Funding. Petitioner proposes to accrue funds for the cost of the 12” transmission main project over three years through its extensions and replacement (E&R) revenue requirement. This results in a proposed E&R revenue requirement for the project to be \$106,667 (\$320,000 / 3 years). The OUCC advised Petitioner that typically we see projects of this size are funded through debt service instead of E&R. Petitioner explained that the utility does not want to incur debt and that the project was needed to accommodate the existing growth that the system has experienced in recent years.

Another concern of the Public is that once this project was complete, Petitioner would be recovering, through rates, \$106,667 with no definitive purpose for the funds. The OUCC recommends that the Commission require funds collected for the proposed project be placed in an interest bearing restricted account and used only for capital improvements. Petitioner should be required to continue to restrict the accrued funds to provide additional system storage capacity and other capital improvements once the proposed 12” water transmission main is complete. Given that the costs associated with the project are still preliminary, the OUCC does not recommend an additional amount of \$20,673, based on Petitioner’s two and half year historic average, be included in Petitioner’s E&R revenue requirement. If necessary, Petitioner can cover these cost with its cash on hand.

II. REVENUE ADJUSTMENTS. Petitioner did not make any growth adjustments to test year revenue. The OUCC adjusted Petitioner's test year revenues and expenses (as explained below) for the residential growth that Petitioner experienced during the test year. The OUCC increased operating revenues \$3,316 (199*\$16.66) for 199 additional bills it will receive based on test year growth. An average residential customer consumes on average 5,328 gallons of water per month. Based on current rates, such a customer's bill would be \$16.66. (See OUCC Schedule 5, Adjustment 1)

III. OPERATION AND MAINTENANCE (O&M) EXPENSES. Petitioner's adjustments for O&M Expenses were based on a test year ending December 31, 2002. Petitioner had pro-forma adjustments for salaries, employee benefits, insurance, rate case expense and payroll taxes. The OUCC accepted Petitioner's adjustment for employee health benefits. Petitioner's remaining adjustments are explained below. The OUCC also adjusted Petitioner's test year expenses for miscellaneous expenses and contractual services.

A. Salaries and Wages. Petitioner increased test year salaries and wages in order to fund a 3% payroll increase approved by its board. The OUCC analyzed Petitioner's books and records and found that Petitioner's test year salaries and wages were overstated by \$4,510. In addition, test year wages included \$1,680 for payments to each employee in lieu of providing insurance. On a going forward basis, Petitioner plans to provide insurance to its employees. OUCC Schedule 6, Adjustment 1 reflects pro-forma wages of \$130,582. The OUCC calculated the pro-

forma 3% wage increase based on actual wages of \$126,778 taken from the W-2 information Petitioner provided. Subtracting pro-forma wages from test year expense of \$132,968 resulted in a test year decrease of \$2,386.

B. Rate Case Expense. Petitioner's pro-forma adjustment included \$1,000 for legal fees and \$8,000 for accounting fees associated with its small utility filing amortized over three years. The OUCG requested support for these fees and was provided invoices from Petitioner's accounting firm. Legal fees were not supported. The OUCG's adjustment included the accounting fees but extended Petitioner's amortization period to five years, which is more representative of the life of Petitioner's proposed rates. This resulted in a test year operation and maintenance expense increase of \$1,600. (See OUCG Schedule 6, Adjustment 3)

C. Insurance Expense. Petitioner provided a pro-forma adjustment to adjust test year expense to reflect the current cost of insurance. The OUCG requested Petitioner show support for its pro-forma adjustment, but none was provided. Therefore, the OUCG's adjustment reflects a test year expense decrease of \$249 based on the current policies in effect at the time the OUCG performed its field audit. (See OUCG Schedule 6, Adjustment 4)

D. FICA Expense. The OUCG adjusted Petitioner's test year payroll tax to reflect the adjustment made to employee wages. This resulted in a test year increase of \$312.

E. Customer Growth Expense Adjustment. The OUCG adjusted test year expenses for purchased water, purchased power and postage expense based on the additional growth Petitioner experienced during the test year. The OUCG

calculated an overall pro-forma increase of \$1,324 for these expenses. (See OUCC Schedule 6, Adjustment 7)

F. Non-Recurring Expense Adjustment. The OUCC decreased test year operating expenses by \$9,290. This adjustment removed the non-recurring test year expenses associated with the dismantling of the Otisco storage tank. (See OUCC Schedule 6, Adjustment 6)

IV. REVENUE REQUIREMENTS. Petitioner has no debt. Thus, funds for the Debt Service and Debt Service Reserve are not required. In addition, Page 14 of Petitioner's application reflects that Petitioner has sufficient cash on hand to fund its working capital revenue requirement of \$29,115. The OUCC agrees. The OUCC has calculated Petitioner's total annual revenue requirement to equal \$480,425. Petitioner needs a revenue increase of \$64,559 after deductions are made for test year revenues and interest income. An IURC fee of \$71 was also calculated to provide an overall recommended increase of \$64,630. (See OUCC Schedule 1, page 1)

V. NON-RECURRING CHARGES

A. Returned Check Charge. A returned check charge of \$10 is included on Petitioner's current tariff. Petitioner has been charging \$25 per returned check. The OUCC was provided support that justifies the latter charge. (See OUCC Attachment-1)

VI. AFFILIATED INTEREST AGREEMENTS. Mr. Richard Henderson is the superintendent of the water utility. He also owns a company that the utility contracts for services. All agreements should be placed on file with the Commission as soon as possible in order to comply with applicable law.

Conclusion

The OUCC recommends Petitioner's metered rates should be increased by 15.76% and that the rates provided in Attachment 2, be approved and incorporated into Petitioner's current tariff. It is also the OUCC's recommendation that the Commission order that all E&R revenues be placed in a restricted interest bearing account to be used solely for the purposes described above.

**BUSINESS ACCOUNTS
FEE SCHEDULE**

**PERSONAL ACCOUNTS
FEE SCHEDULE**

Stop Payment Orders	\$ 20.00 per stop order
Cashiers Checks	\$ 4.00 per check
Money Orders	\$ 3.00 per check
Wire Transfers	
Outgoing	\$ 12.00 per transfer
Incoming	\$ 8.00 per transfer
Foreign	\$ 40.00 per transfer
Overdrafts	\$ 25.00 per check
Checks Returned NSF	\$ 25.00 per check
Returned Deposit Items	\$ 7.50 per check
Dormant Accounts	\$ 5.00 per month if balance is below \$500.00
Research Requests	\$ 25.00 per hour
Photocopies	\$ 2.00 per copy (statements, checks)
Current Snapshot Statement	\$ 1.00 per statement
Garnishments, Levies or Attachments	\$ 25.00 per occurrence
ATM Charge	\$ 1.00 per transaction at NON-NWSB ATMs
Transfer of Funds by phone or ATS	\$ 2.00 per transfer (no charge via info-Line)

Stop Payment Orders	\$ 20.00 per stop order
Cashiers Checks	\$ 4.00 per check
Money Orders	\$ 3.00 per check
Wire Transfers	
Outgoing	\$ 12.00 per transfer
Incoming	\$ 8.00 per transfer
Foreign	\$ 40.00 per transfer
Overdrafts	\$ 25.00 per check
Checks Returned NSF	\$ 25.00 per check
Dormant Accounts	\$ 3.00 per month if balance is below \$300.00
Travelers Checks	
Regular Checks	\$ 1.50 per \$100
Checks for Two	\$ 2.50 per \$100
Research Requests	\$ 25.00 per hour
Photocopies	\$ 2.00 per copy (statements, checks)
Current Snapshot Statement	\$ 1.00 per statement
Garnishments, Levies or Attachments	\$ 25.00 per occurrence
ATM Charge	\$ 1.00 per transaction at NON-NWSB ATMs
Transfer of Funds by phone or ATS	\$ 2.00 per transfer (no charge via info-Line)

INFO-LINE
1-800-556-5429

INFO-LINE
1-800-556-5429



EFFECTIVE 3/1/02

EFFECTIVE 3/02

OUCG Attachment 2

Marysville-Otisco-Nabb WATER CORPORATION
P.O. Box 86
Otisco, IN 47163

SCHEDULE OF PRESENT AND PROPOSED RATES

Metered Rates

(per 1,000 gallons)	Current Approved Rate	+	Water Tracker	Current Adjusted Rate	Proposed Rate
First 2,500	\$2.40		\$0.94	\$3.34	\$3.87
Next 3,500	2.00		0.94	2.94	3.40
Next 4,000	1.20		0.94	2.14	2.48
Next 10,000	0.90		0.94	1.84	2.13
Next 20,000	0.60		0.94	1.54	1.78

Water Tracker Rate

per 1,000 gallons \$0.00

Returned Check Fee

\$25.00

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Comparison of Petitioner's and OUCG's
Revenue Requirements

Revenue Requirements:	Per Petitioner	Per OUCG	Sch. Ref.	OUCG More/Less
-----	-----	-----		-----
Operation and Maintenance	\$379,799	\$363,769	4	\$ (16,030)
Extensions & Replacements	127,340	106,667	7	(20,673)
Taxes Other Than Income Taxes	10,325	9,989	4	(336)
Debt Service	-	0	Pet	0
Debt Service Reserve	-	0	Pet.	0
Working Capital	-	0	Pet.	0
-----	-----	-----		-----
Total Revenue Requirements	517,464	480,425		(37,039)
Less: Interest Income	2,821	2,821	3	0
Less: Revenues not subject to rate increase	-	2,961	4	2,961
-----	-----	-----		-----
Net Revenue Requirements	514,643	474,643		(40,000)
Less: Revenues at Current Rates	406,768	410,084	Pet	3,316
-----	-----	-----		-----
Net Revenue Increase Required	107,875	64,559		(43,316)
Add: Additional IURC Fee*	119	71		(48)
-----	-----	-----		-----
Recommended Increase/(Decrease)	\$107,994	\$64,630		\$ (43,364)
=====	=====	=====		=====
Recommended Percentage Increase	26.55%	15.76%		-10.79%
=====	=====	=====		=====

*Net Revenue Change	\$ 64,559
Times: IURC Rate	0.0011
Additional IURC Fee	<u>\$ 71</u>

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Reconciliation of Net Operating Income Statement Adjustments

Description:	Per Petitioner	Per OUCG	OUCG More/(Less)
Operating Revenues:			
Metered Water Revenue	\$ -	\$ 3,316	\$ 3,316
Penalties	-	-	-
Other	-	-	-
Total Operating Revenue	-	3,316	3,316
Operating Expenses:			
Salaries and Wages	2,963	(2,386)	(5,349)
Purchased Water	-	1,222	1,222
Purchased Power	-	28	28
Postage	-	74	74
Employee Benefits	10,622	10,622	-
Rate Case Expense	3,000	1,600	(1,400)
Insurance - Other	1,066	(249)	(1,315)
Non-recurring Expenses	-	(9,290)	(9,290)
FICA Tax	648	312	(336)
Total Operating Expense	18,299	1,933	(16,366)
Total Net Operating Income Adjustments	\$ (18,299)	\$ 1,383	\$ 19,682

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Balance Sheet as of December 31, 2002

ASSETS AND OTHER DEBITS

Utility Plant in Service	\$2,578,016
Less: Accumulated Depreciation	1,059,866
	<hr/>
Net Utility Plant in Service	1,518,150
Construction Work in Progress	14,103
	<hr/>
Total Net Utility Plant	1,532,253
	<hr/>
Current and Accrued Assets	
Cash	85,293
Special Deposits	65,368
Customer Accounts Receivable	42,917
Materials and Supplies	16,340
Prepayments	7,116
Interest and Dividends Receivable	223
	<hr/>
Total Current and Accrued Assets	217,257
Deferred Debits	0
	<hr/>
Total Assets	\$1,749,510
	<hr/> <hr/>

LIABILITIES AND OTHER CREDITS

Equity	
Retained Earnings	\$553,606
Membership Capital	283,806
	<hr/>
	837,412
Long-Term Liabilities	-
	<hr/>
Current and Accrued Liabilities:	
Accounts Payable	23,924
Taxes Payable	0
Accrued Taxes	7,202
	<hr/>
Total Current and Accrued Liabilities	31,126
	<hr/>
Other Liabilities:	
Contributions	872,022
Advances for Construction	8,950
	<hr/>
Total Liabilities and Equity	\$1,749,510
	<hr/> <hr/>

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Income Statement for the Twelve Months ending of December 31, 2002

Operating Revenues:

Metered Water Revenue	\$406,768
Penalties	2,961
Other	0

Total Operating Revenue	409,729

Operating Expenses:

Salaries and Employee Benefits	135,068
Purchased Water	153,749
Purchased Power	3,573
Materials & Supplies	3,671
Contractual Services	31,626
Transportation Expense	2,128
Insurance Expense	8,937
Bad Debt Expense	(15)
Miscellaneous Expense	23,411
Payroll Tax Expense	9,677

Sub-totals	371,825
Depreciation and Amortization	61,553

Total Operating Expense	433,378

Net Operating Income (23,649)

Other Income (Expense):

Interest Income	2,821
Miscellaneous non-utility income and expenses	(4,102)

Total Other Income (Expense) (1,281)

Net Income \$ (24,930)

=====

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Pro forma Net Operating Income Statement

Description	Year Ended 12/31/2002	Adjustments	Sch. Ref.	Pro-Forma Present Rates	Adjustments	Sch. Ref.	Pro-Forma Proposed Rates
Operating Revenues:							
Metered Water Revenue	\$406,768	\$ 3,316	5-1	\$410,084	\$64,630	1	\$474,714
Hydrant Rental	-			-			-
Penalties	2,961			2,961			2,961
Other	-			-			-
Total Operating Revenues	409,729	3,316		413,045	64,630		477,675
Operating Expenses:							
Salaries and Employee Benefits	135,068	(2,386)	6-1	132,682			132,682
Employee Benefits	0	10,622	6-2	10,622			10,622
Rate Case Expense	0	1,600	6-3	1,600			1,600
Contractual Services	31,626			31,626			31,626
Purchased Water	153,749	1,222	6-7	154,971			154,971
Purchased Power	3,573	28	6-7	3,601			3,601
Postage	0	74	6-7	74			74
Materials and Supplies	3,671			3,671			3,671
Transportation	2,128			2,128			2,128
Insurance - Other	8,937	(249)	6-4	8,688			8,688
IURC Fee	0			0	71	1	71
Bad Debt Expense	(15)			(15)			(15)
Payroll Taxes	9,677	312	6-5	9,989			9,989
Miscellaneous	23,411	(9,290)	6-6	14,121			14,121
Depreciation and Amortization	61,553			61,553			61,553
Total Operating Expenses	433,378	1,933		435,311	71		435,382
Net Operating Income	(\$23,649)	\$1,383		(\$22,266)	\$64,559		\$42,293

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Revenue Adjustments

(1)

Test Year Billings Annualized

To adjust for residential customer growth which occurred throughout the test year.

Billing Date	# of Customers	Growth	Billings Remaining	Additional Annual Bills
January 2002	2080		0	0
February	2075	-5	1	(5)
March	2073	-2	2	(4)
April	2075	2	3	6
May	2080	5	4	20
June	2081	1	5	5
July	2084	3	6	18
August	2096	12	7	84
September	2095	-1	8	(8)
October	2097	2	9	18
November	2098	1	10	10
December	2103	5	11	55
	<u>25,037</u>			
Additional Billings				199
Times average monthly bill based on existing rates	5,328 gallons			\$ 16.66
Adjustment - Increase				<u>\$ 3,316</u>

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Expense Adjustments

(1)

Salaries and Wages

To adjust test year salaries and wages to reflect the pro forma annual salaries and wages of utility personnel.

2002 Wages paid per W-2's	\$ 128,458
Less: Payment in Lieu of Insurance	1,680
2002 Wages subject to 3% increase	<u>126,778</u>
Times: Board Approved Raise	1.03
Pro-Forma Wages	<u>130,582</u>
Less: Test Year Expense	132,968
Adjustment - Increase/(Decrease)	<u>\$ (2,386)</u>

(2)

Employee Health and Life Insurance Expense

To add employee health insurance to Employees' benefits package.

Quoted Monthly Cost	\$ 885
Annualized	<u>12</u>
Pro forma annual employee health and life insurance	10,622
Less: Test Year Expense	-
Adjustment - Increase/(Decrease)	<u>\$ 10,622</u>

(3)

Rate Case Expense

To adjust operating expenses to reflect the cost of this rate case amortized over 5 years.

Legal Fees - Petitioner had no documentation to support legal fees	\$ -
Accounting Fees	<u>8,000</u>
Sub-total	8,000
Divided By: 5 years	<u>5</u>
Adjustment - Increase/(Decrease)	<u>\$ 1,600</u>

(4)

Insurance Expense

To adjust test year insurance expense to reflect the most recent premiums.

Pro-forma:	
Workman's Compensation	\$ 2,468
Other	1,224
Comprehensive	<u>4,998</u>
Sub-total	8,690
Less test year expense	<u>8,939</u>
Adjustment - Increase/(Decrease)	<u>\$ (249)</u>

(5)

FICA Expense

To adjust test year FICA expense to reflect pro forma payroll.

Pro forma payroll subject to FICA	\$ 130,582
Times: FICA Rate	<u>7.65%</u>
Pro forma FICA	9,989
Less: Test Year Expense	9,677
Adjustment - Increase/(Decrease)	<u>\$ 312</u>

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Expense Adjustments

(6)

Non-recurring Expenses

To adjust test year miscellaneous expense and contractual service expense to reduce non-recurring items.

Test Year Miscellaneous Expense	\$ 23,411
Test Year Contractual Services Expense - repairs/maintenance	24,163
Less: Dismantling of Oticso Tank - Contractual Services	1,740
Less: Dismantling of Oticso Tank - Misc. Exp.	7,550
Pro-forma Miscellaneous and Contractual Service Expense	<u>38,284</u>
Less: Test Year Expense	47,574
Adjustment - Increase/(Decrease)	<u>\$ (9,290)</u>

(7)

Customer Growth Expense Adjustment

To adjust test year expenses to normalize the pro forma effects of test year customer growth.

(A) Pro forma annual increase in gallons sold (199 monthly bills based on 5,328 gallons per month adjusted for system line losses of 11.3%)	199
	<u>5,930</u>
Pro forma additional gallons pumped	1,180,070
Divide by test year gallons pumped	<u>148,461.289</u>
Percentage increase	<u>0.79%</u>

	Annual Expense	Normalization Adjustment		
		Factor	Ref.	Increase/ (Decrease)
Purchased water	\$ 153,749	0.79%	(A)	\$1,222
Purchased power	3,573	0.79%	(A)	28
Postage 199 additional bills	-	0.37	Postage Rate	74
Adjustment - Increase/ (Decrease)				<u>\$1,324</u>

OUCG
Schedule 7
Page 1 of 1

MARYSVILLE-OTISCO-NABB WATER CORPORATION
CAUSE NUMBER 42476-U

Extensions and Replacements

<u>Year</u>	<u>Total Combined Debt Service</u>
2004	\$0
2005	256,000
2006	64,000
Sub-total	<u>320,000</u>
Divided by: 3 years	3
Average annual projected extension and replacements	<u><u>\$ 106,667</u></u>

Tony Masingo, Superintendent for Petitioner, 7703 State Highway 3, Marysville, Indiana 47141, provided documentation and/or information in response to Questions 1, 3, 4, 12, 13, and 14. Jerome Hentrup, a Salesman and Crop Consultant for Nutrien Ag Solutions, 71 S. Hwy. 3, Lexington, Indiana 47138, who serves as Secretary of Petitioner's Board of Directors, can be called as Petitioner's witness to answer questions regarding the substance of or origination of information in response to such questions.

RESPONSES

Q-6-1: For each Boil Water Advisory Petitioner has issued since January 1, 2019, please answer and provide the following:

- a. Start date.

Response: During this time period, one (1) Boil Water Advisory was issued by Petitioner on April 27, 2023.

- b. End date.

Response: This Boil Water Advisory was lifted by Petitioner on April 28, 2023.

- c. Reason for the Boil Water Advisory

Response: Indiana-American replaced the 2" master meter at the meter vault.

- d. Was IDEM notified?

Response: No.

- e. How were customers notified?

Response: Customers were personally and verbally notified by the Operator knocking on each door of affected customers to make them aware of the boil water advisory. The Operator then personally notified all

affected customers once that boil water advisory was lifted. The Operator believes that Petitioner acted reasonably to preserve public health.

Since January 1, 2019, Petitioner has had forty-three (43) water main breaks in which thirty-two (32) of those breaks required certain sections of pipe to be cut out. For each of these breaks, the Operator believed that the repair was isolated, the lines were sufficiently flushed, and had proper chlorine residual at the end of each flushing. Under those circumstances, the Operator did not believe issuing a boil water advisory was necessary for repairing those breaks.

Petitioner intends to put measures in place going forward to ensure that Petitioner complies with State notice requirements for boil water advisories, including sending out text and email alerts to customers.

- f. Copies of all Boil Water Advisories issued.

Response: See response to Question 6-1(e). There are no documents responsive to this Request.

Q-6-2: Reference the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc., page 3-3 which reads in part:

In addition, a community near Charlestown is considering joining which will increase the demand for the system.

Please answer and provide the following:

- a. Identify the community or development including the location.

Response: The reference to a “community near Charlestown” in Section 3 of the Preliminary Engineering Report was not intended to identify an existing incorporated or unincorporated community or development that currently is not connected to a public water supply. This statement was included to identify the opportunity of Petitioner to provide water utility services to a potential future growth area.

- b. Anticipated number of potential customers.

Response: For planning purposes, the potential future growth area was assumed to add 500 additional customer connections.

- c. Type of customer (single family residential, apartments, commercial).

Response: All potential future customers were assumed to be single-family residential connections.

- d. Assumed average daily water demand per customer.

Response: The average daily water demand assumed was 170 gallons per day for each future customer.

- e. Assumed total daily water demand.

Response: The total average daily water demand assumed for potential future customers was 87,501 gallons per day.

- f. Date when the community is expected to require service.

Response: It is assumed that the future growth area will require service by Petitioner within the next 3-5 years.

- g. Was the water demand for the community near Charlestown disbursed in the hydraulic model over Petitioner's entire distribution system or modeled as a localized demand to a limited area?

Response: In the model, the potential future water demand is identified as a localized node at a specific location within the existing distribution system.

Q-6-3: Please provide a copy of the drawing or map showing the revised route for the proposed 8-inch water main that will connect to Indiana-American's water main in the vicinity north of the Danbury Oaks subdivision rather than at the existing 2-inch master meter on Charlestown-Memphis Road. Please also indicate the total revised length of the new 8-inch water main between the new connection to Indiana-American's system and the intersection of Highway 160 and Opossum Trot Road.

Response: A drawing showing the revised route for the proposed 8-inch water main that will connect to Indiana-American's water main near Danbury Oaks is attached. The total length of the proposed new 8-inch water main between the new connection to Indiana-American's system and the intersection of Highway 160 and Opossum Trot Road is estimated to be approximately 24,136 LF.

Q-6-4: Please state who will own and pay to install the meter vault and meter at the new interconnection with Indiana-American's Charlestown system in the vicinity north of the Danbury Oaks subdivision.

Response: Petitioner has agreed to incur the cost of installing the meter vault at this new interconnection. Petitioner will own the meter vault while Indiana-American will supply and own the meter at this new interconnection.

Q-6-5: Please explain why the hydraulic modeling did not evaluate the option of installing the remaining 10,500 LF of 12-inch water main along State Road 3 so that Petitioner would have a continuous 12-inch main from Petitioner's Booster Station on the emergency connection with Indiana-American's Charlestown system on the south end and the primary water supply connection with Stucker Fork on the north end.

Response: A variation of this alternative (option) was considered; however, performance benefits to the overall system were negligible. The variation that was considered involved extending an 8-inch water main in conjunction with replacing the existing 6-inch asbestos cement water main alternative.

Q-6-6: Reference the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc., page 3-6 which reads in part: "Over the 20-year planning period, residential *and industrial* growth is anticipated." Emphasis added by the OUCC.

- a. Please provide copies of all documents, reports, and analyses relied on by Commonwealth to support its statement that industrial growth is anticipated. Please also state how much additional water demand has been assumed to be needed for industrial customers over the twenty-year planning period to 2043.

Response: There are no documents responsive to this Request because the reference to "and industrial" growth" within Section 3 of the Preliminary Engineering Report is erroneous and can be disregarded. All planned future growth within the Petitioner's service area is assumed to be residential. Furthermore, as noted at the bottom of pages 3-5 in the Preliminary Engineering Report, "demands attributed to commercial and public authority" connections are projected to remain the same.

Q-6-7: Please state the peak flow in gallons per minute (gpm) assumed for the hydraulic model, the peaking factor, and show how the assumed peak flow was derived.

Please show all assumptions, data, and calculations used to derive the peak flow. Please also provide the sources for the assumptions and data relied on.

Response: The peak flows utilized within the model correspond to 419 gpm for existing conditions and 511 gpm for future conditions. Operational reports from January 2020 through April 2023 indicate a peak day demand of 604,000 gallons, which was observed on August 5, 2020 (604,000 divided by 1440 = 419 gallons per minute). The overall average daily flow for the reporting period was 427,000 gallons per day. The calculated peak factor for the Petitioner for the reporting period is approximately 1.5 (peak day divided by average day = 604,000 divided by 427,000 = 1.42 or 1.5).

IAC typically requires a peaking factor of 2.5 when the actual calculated peaking factor is less than 2.5. It was determined that a peaking factor of 2.5 would be overly conservative. To maintain economic viability, the historical peaking factor (1.5) was utilized in the model and applied to future growth.

Q-6-8: Reference the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc., p. 3-9 that noted that a Hazen-Williams roughness coefficient ("C" value) of 150 for new PVC pipe was used in the hydraulic model. Was the same C value of 150 assumed for Petitioner's existing water mains? Please explain.

Response: The Petitioner's model utilizes the following Hazen-Willilams roughness coefficients ("C" value) for the existing water lines within the distribution system:

Existing PVC = 140

Existing Cast Iron = 76.5

Existing Asbestos Cement = 103-110 depending on calibration results and location.

Q-6-9: Reference the 2013 Design Drawings by Saegasser Engineers provided in response to OUCC DR 2-7 and the discussion of the hydraulic model in the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc. Please confirm that the hydraulic model included only the section of the new 8-inch water main that was recently installed along Highway 160 from the intersection of Highway 160 and Opossum Trot Road to the new tank site but did not include the installed 8-inch water main along Harry Hughes and Opossum

Trot Roads from SR 3 to the intersection of Highway 160 and Opossum Trot Road.

Response: The above statement is confirmed as accurate.

Q-6-10: Reference Tables 3-6 and 3-7 in the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc., and the sentences on pages 3-10 and 3-12 indicating the above alternatives were modeled with water supply coming *primarily* from the Stucker Fork or *primarily* from the Charlestown Water Utility emergency connection. Emphasis added by the OUCC.

- a. Please confirm that hydraulic modeling for the alternatives were based on 100% supply from either Stucker Fork or Indiana-American's Charlestown system.

Response: Separate modeling simulations were completed based upon 100% system supply from Stucker Fork and 100% system supply from the Indiana-American Charlestown connection locations.

Q-6-11: Reference the population projections shown in Table 3-2 of the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc. on page 3-5. Please provide support for the forecasted 2043 population including all data, assumptions, calculations, and sources relied on for the calculation.

Response: Indiana STATS provides population projections for Indiana counties through the year 2050. However, this information excludes unincorporated communities within the same counties. Nominal growth has been observed within both Scott (0.84%) and Clark (9.85%) Counties since 2010. The potential future growth and development of 500 single-family residential connections near Charlestown was previously noted. The Preliminary Engineering Report assumed continued nominal growth throughout the remaining existing service area (8 additional customer connections) for a combined future growth of 508 connections through the end of the planning period. Using 2.56 people per connection (current population divided by current connections less commercial / public authority connections), the overall service area population is projected to increase by approximately 1,300 throughout the duration of the planning period.

Q-6-12: Please provide all board minutes for November and December 2023.

Response: Copies of the requested board minutes are attached. The December 2023 board minutes will not be approved until the Board's

January 2024 meeting and could therefore be subject to changes by the Board. A copy of the Board's October 2023 minutes is also attached pursuant to a request made by the OUCC.

Q-6-13: Reference the 12-inch water main shown on Figure 4-4 on page 4-19 of the PER. Please answer and provide the following:

- a. What is the total length of Petitioner's 12-inch water main?

Response: The total length is approximately 29,344 LF.

- b. What is the pipe material (PVC, ductile iron, etc.) and type (AWWA pipe standard such as C-900)?

Response: PVC SDR 21.

- c. When was this water main installed?

Response: It was installed in 2013.

- d. Who owns and maintains the 12-inch water main from County Line Road (IN 362) in Nabb southwest to the Stucker Fork meter vault at the 75,000-gallon Marysville elevated storage tank?

Response: Stucker Fork owns this portion of the 12-inch water main.

- e. Does the 12-inch water main terminate (southern end) at Harry Hughes Road?

Response: Yes it does.

- f. Copy of the As-Built drawing showing all connections of the 12-inch water main to other distribution mains in the vicinity of the Harry Hughes Road / State Road 3 intersection.

Response: Please refer to Plan Sheet 10 of 27 previously included within the set of Saegesser plans submitted in response to Question 2-7 of OUCC's Second Set of Data Requests. For convenience, a copy of this drawing is also attached.

- g. Does the 12-inch main connect to the original 6-inch asbestos cement ("AC") water main installed in 1965? If so, please state the number of interconnections between the 6-inch AC and 12-inch PVC mains.

Response: No.

- h. Were service lines connected to the original 6-inch AC water main switched over to the new 12-inch PVC main?

Response: No.

- i. Are any service lines connected to the 12-inch water main? If so, please state how many are connected.

Response: Yes, there are fourteen (14) service connections to the 12-inch water main.

Q-6-14: For the hydraulic modeling of Petitioner's water system and the preparation of the Preliminary Engineering Report, please provide copies of the following:

- a. Petitioner's request for proposals ("RFP") for engineering/consulting services. If no RFP was issued, please explain how engineering / consulting services were procured and provide copies of communications with engineering firms / consultants detailing the scope of work and the schedule.

Response: The Petitioner did not issue an RFP when selecting their engineering consultant for assembly of the hydraulic model and preparation of the Preliminary Engineering Report. The Petitioner selected Commonwealth Engineers based on a preexisting relationship with Commonwealth Engineers, as Commonwealth Engineers assisted Petitioner with Petitioner's recent water audits with the Indiana Finance Authority.

- b. Complete proposal received from Commonwealth Engineers, Inc.

Response: Commonwealth Engineers' agreement with Petitioner is attached. No proposal was received from Commonwealth Engineers for preparation of the hydraulic model and Preliminary Engineering Report outside of this agreement.

Respectfully submitted,

3. Customer Meters

The customer meters are currently in the process of being replaced.

4. Elevated Storage Tanks

The existing water storage tanks consist of a 250,000-gallon and 75,000-gallon elevated storage tanks. Each tank is properly secured by the water utility and does not present significant health and safety risks. One of the tanks was constructed in 1966, but they have received routine maintenance with no apparent spalling or rusting on the exterior of the tanks. The existing storage tanks appear to be in good operational standing and should continue to be properly maintained. The storage available, however, is lacking and additional storage is needed to support future growth and contribute to overall fire protection.

5. Miscellaneous Improvements

The existing water utility currently utilizes private Contractors to perform repairs throughout the distribution system due to insufficient equipment. As a result, the costs required to perform emergency repairs are significantly higher. Additionally, the existing utility has poor mapping capabilities for the existing distribution system, or for new improvements. It is recommended that a grade bar, survey level, and Trumbell based mapping system be implemented to reduce downtime due to existing utility locates. Additionally, rate adjustment should be adjusted in order to provide machinery capable of performing the repairs required by the Water Utility.

3.3 Population Trends

The water corporation currently is expecting an increase in population growth during the 20-year planning period. In addition, a community near Charlestown is considering joining which will increase the demand for the system. Ensuring sufficient capacity for the potential growth for residential population and potential future connections is pertinent to provide adequate service in the future.

A. Historical and Current Population

Population projections developed for planning purposes must be reasonable. Since population projections are generally based upon a series of assumptions there is a need for careful analysis of the past. Population trends are generally not static; therefore, they should be re-evaluated periodically as local conditions change, and as new information and trends develop. Change in an area's demographics is generally the result of three major facets of human activity: births, deaths, and migration. Migration is the most important factor, and the population change attributed to migration depends on a number of forces which are difficult to predict. People move in or out of an area for a variety of reasons, such as economic conditions, employment opportunities, housing affordability, and related factors. Employment opportunity is a foremost consideration and is usually a

function of local resources and the regional economy. The simplest and most common way of predicting the future population of an area is by examining the past. Population trends provide a frame of reference with regard to how the population of an area has historically changed and how it could possibly change in the future.

1. Historical Populations

U.S. Census Bureau historical population data provided on STATS website (stats.indiana.edu) for Clark and Scott County has been utilized. Indiana STATS also provides population projections for Indiana Counties out to the year 2050. For the purposes of this report, population projections to the year 2043 will be used to represent the 20-year planning period. **Table 3-1** presents historical trends for Clark and Scott County since 1900. Based on the U.S. Census population data above, in the past 10 years, since 2010, historic population trends in Clark County have increased by 9.85% and trends in Scott County have increased by 0.84%.

**Table 3-1
Historical Population by Census Count**

Year	Clark County Population	Decennial Percent Change	Scott County Population	Decennial Percent Change
1900	31,835	-	8,307	-
1910	30,260	-4.95%	8,323	0.19%
1920	29,381	-2.90%	7,424	-10.80%
1930	30,764	4.71%	6,664	-10.24%
1940	31,020	0.83%	8,978	34.72%
1950	48,330	55.80%	11,519	28.30%
1960	62,795	29.93%	14,643	27.12%
1970	75,876	20.83%	17,144	17.08%
1980	88,838	17.08%	20,422	19.12%
1990	87,777	-1.19%	20,991	2.79%
2000	96,472	9.91%	22,960	9.38%
2010	110,232	14.26%	24,181	5.32%
2020	121,093	9.85%	24,384	0.84%
Growth from 1900 to 2020	89,258	380.38%	16,077	293.54%

Source: STATS Indiana Online

Since the majority of the Water Corporation falls under Clark County, and the projection values provide a more conservative estimate of population projects, the Clark County projection values and information provided by the Utility will be used to represent the projected population growth of the population served by the Water Corporation.

2. Population Projections (20-Year)

Indiana STATS provides population projections to the year 2050, as previously mentioned, for the County but not for the Unincorporated Communities. The data shows a continual population increase for Clark County. The data shows an increase in population of approximately 11.3%. Based on the Clark County projected population and information provided by the Utility, the population served by the Corporation is projected to increase by approximately 20.5 % over the planning period. Census historic population and population projections are shown in **Figure 3-1** below.

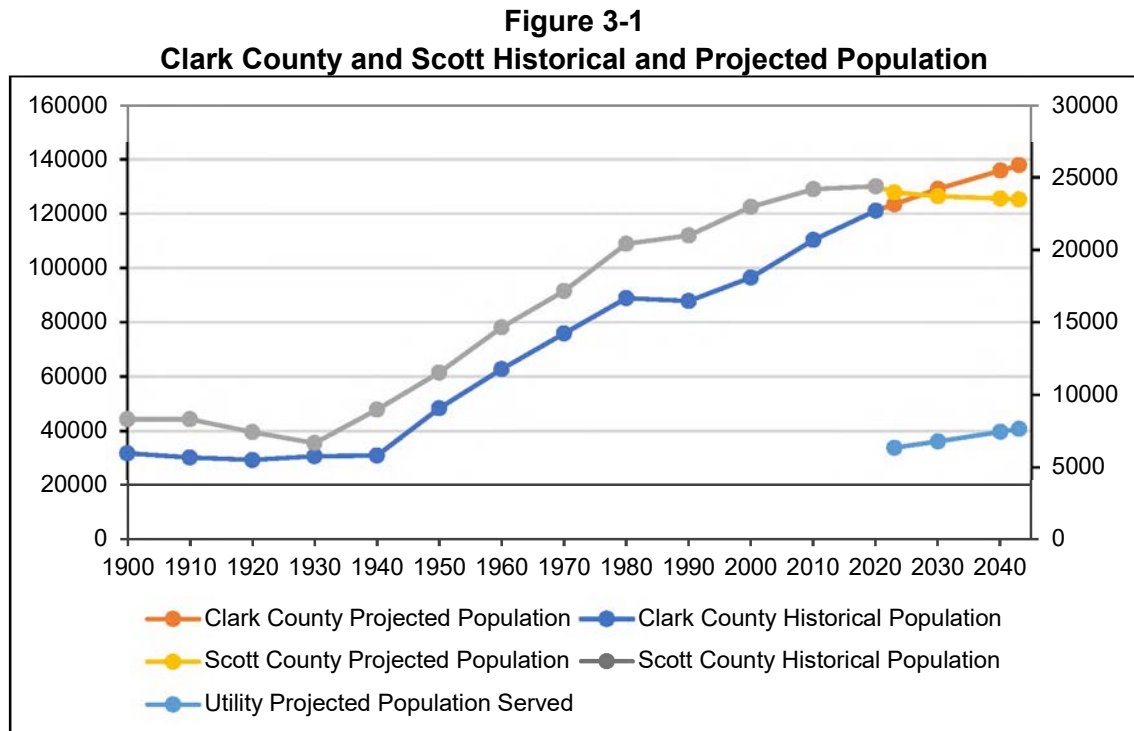


Table 3-2
Utility Projected Population for 2043

Year	Population
2023	6,352
2043	7,654

3. Commercial / Public Authority Projections (20-Year)

The current utility serves 12 commercial connections and 5 public authority connections. It is anticipated that there will not be any significant changes in commercial or public authority connections over the 20-year design period. As a result, demands attributed to commercial and public authority are projected to remain the same.

B. Consumption Projections

Overall projected consumption for the Communities is anticipated to increase by approximately 20.5%. See **Table 3-3** below for projected consumption calculations. A peaking factor of 1.5 was identified in **Section 2**, which will be used to determine peak day consumption.

**Table 3-3
Water Consumption Projections**

Existing Conditions		
Existing Population	6,352	residents
Existing Residential Connections	2,479	connections
Existing People per Residential Connection	2.56	
Existing Average Daily Flow	427,000	gpd
Average Daily Flow per Residential Connection	170	gpd
Projected Conditions		
Projected Population Increase	1,302	people
Projected Connection Increase	508	connections
Projected Increase in Average Demand in 2043	87,501	gpd
PDF Peaking Factor	1.5	
Projected Increase in Peak Daily Demand in 2043	131,252	gpd
Projected Average Daily Demand in 2043	514,501	gpd
Projected Peak Daily Demand in 2043	735,252	gpd

3.4 Capacity Analysis

Ten States Standards: “The minimum working pressure in the distribution system shall be 35 psi and the normal working pressure should be approximately 60-80 psi.” “The minimum storage capacity for systems not providing fire protection shall be equal to the average daily consumption... fire flow requirements established by the appropriate state insurance services office should be satisfied where fire protection is provided” Typical operating pressures in the system are between 49 and 68 psi. Smaller communities tend to have a lower operating pressure than 60 psi due to infrastructure limitations. Over the 20-year planning period, residential and industrial growth is anticipated. Evaluations of storage capacity for existing and projected conditions are provided in **Table 3-4** and **Table 3-5**.

SANITARY BOARD
February 17, 2022
10:00 A.M.

THE MEETING OF THE SANITARY BOARD FOR THE CITY OF CHARLESTOWN WAS HELD ON THURSDAY, FEBRUARY 17, 2022 AT 10:00 A.M. AT CITY HALL WITH MAYOR TREVA HODGES PRESIDING.

Board members present were: Ryan Hodskins and Nathan Grimes. Also present were Clerk Treasurer Donna Coomer and Attorney Beau Zoeller.

Pledge of Allegiance

Agenda

Treva Hodges entertained a motion to approve the agenda. Motion made by Ryan Hodskins, second by Nathan Grimes. Passed 3-0.

Standing Business

Treva Hodges entertained a motion to approve the minutes from February 3, 2022, the payroll voucher from January 30 to February 12, and the claims. Motion made by Ryan Hodskins, second by Nathan Grimes. Passed 3-0.

Public Comment-none

Operator Report

Operator Rodger Fain provided an operational update report. He is currently preparing the monthly report. There was an e-coli exceedance as the result of an equipment failure during a peak hydraulic event. Rodger is continuing to get quotes for blower silencers, including one from HP Thompson. He also presented a quote for the Board's consideration at a later time for a pipe that is broken at the 62 pump station to eliminate inflow/infiltration of storm water to the station. An additional quote from Gripp is for a flow meter for the digester/dewatering operation. Evoca provided a quote to replace the gaskets on the clarifiers but it doesn't need the Board's approval.

Intent to Serve-Woodstream Development LLC

Operator Rodger Fain issued an intent to serve letter to Woodstream Development LLC and it needs to be ratified by the Board. The development will be behind Highview-Lakeview off Charlestown-Memphis Road.

Treva Hodges entertained a motion to ratify the intent to serve letter for Woodstream Development LLC. Motion made by Ryan Hodskins, second by Nathan Grimes. Passed 3-0.



CLARK COUNTY PLAN COMMISSION
April 13, 2022

The regularly scheduled meeting of the Clark County Plan Commission was held on Wednesday, April 13, 2022 starting at 5:00 p.m. in the County Council Room, Room 418, Fourth Floor, Clark County Government Building, Jeffersonville, Indiana.

The following Board Members and Staff were present at the meeting:

Bart Meyer
Kevin Christman
Connie Sellers
Guy Guernsey
Eric Morris
Janne Newland
Wally Estes
Harold Hart
David Nachand
Cathy Denison
Amy Williams
Jason Stanley
Stacy Gettings

The following appeared on the Plan Commission Agenda:

1. Call to Order: Guy Guernsey, Vice President, called the meeting to order at 5:00 p.m.
2. Approval of the minutes from the prior meeting, March 9, 2022. Motion to approve was made by Janne Newland, Connie Sellers seconded the Motion. Motion carried 8-0.
3. Approval of the Agenda Items. Janne Newland made the motion to approve, Connie seconded the motion. Motion carried 8-0.
4. David Nachand read the rules of the meeting.
5. Old Business:
 - a. 2022-02-PC: Woodstream Development, LLC, requests a Zone Map change from AG to R2 on Parcel number 10-03-13-500-209.000-003, 8611 Burdette Drive, Charlestown, In. 47111 for a single family residential development.
 - b. 2022-03-PC: Woodstream Development, LLC, request a Zone Map change from AG to R2 on parcel numbers: 10-03-13-500-179.000-003, 10-03-13-50-178.000-003, and 10-03-15-300-009.000-003, located at 1608 Charlestown-Memphis Rd., for the purpose of a single family residential development. Chris Jackson, Petitioner, 925 McIntyre Rd., New Washington, In. represented Woodstream Development. Additional owners are Dan Christiani, Abbot & Abbott Farms, LLC, and Tina Jorae. Chris provided a packet of additional information as well as a blow up of the development on an easel to

show the plat layout and entrances and exits. Chris stated the development will be single family homes, approximately in the \$300,000 price range with a cap of 150 homes. Josh Hillman with Woodstream Development also spoke on behalf of the petitioner. They included the 2019 zoning map and comprehensive plan identifying medium density residential. Cathy Denison read the staff report and list of adjoiningers. David Reed, 8609 Redbud Drive, Charlestown, In. came forward to speak on behalf of the adjoiningers, and gave the Board members a copy of a petition signed by nearly 200 residents from Lakeside development. For the most part, David spoke of the concerns of the residents about the traffic and width of the roads and adding approximately 300 additional vehicles. He states that this new development will impact the lives of the residents and it would make the roads more dangerous than they already are. Jennifer Swanson, 1512 Charlestown Memphis Rd., submitted the petition to 171 signatures against the petition. She also states the roads are narrow and in poor condition, also in a blind curve near the entrance. She presented pictures of the road condition. Diane Palmer, 1505 Charlestown Memphis Rd., stated that cars fly by on Charlestown Memphis Rd and knows someone who was hit on the road. They feel that this approval would only be for the developer's personal gain. Keely Foster 8571 Lakewood Dr., Charlestown, In. stated she did not receive a letter this time but she did for the previous hearing and wanted to speak. She is not apposed to the subdivision going in, just the traffic. Doris Gettings commented she knows progress needs to happen, but there should be an access point that doesn't go through Lakewood Subdivision. Steve Dispain, 3613 Red Bud Dr., feels 90% of cars will come through their subdivision. Steve Marker said they are going to have lots of construction equipment will be coming down Charlestown Memphis Rd.. The road is not able to handle all the traffic and it is a safety issue. Kate Brown, 1106 Charlestown Memphis Rd., stated a rural area doesn't exist any longer. Diane Thomas, 1704 Memphis Rd stated that she is very concerned with the traffic and speeding along Charlestown Memphis road and they do not want the development. Chris Jackson commented they could not open a third entrance in Danbury Oaks because that development belongs to Charlestown. Connie Sellers discussed the conditions for construction. Brian Dixon, County Engineer is aware of the road conditions but saw no problems when asked. Greg Fifer, attorney for the Petitioner stated that when the development plan is presented, they will consider additional conditions. Eric Morris made a motion to approve with the condition that the Burdette entrance not be used for construction vehicles, only single family homes and capping off at 150. Wally Estes seconded the Motion. Motion passed 7-1 with Janne Newland voting against.

6. New Business:

- a. 2022-04-PC: R & W Property Service, LLC, is requesting a Zone Map change from R2 to R4 for a multi-family development located at 4218 Perry Crossing Rd., Sellersburg, In. 47172. (Parcel number 10-10-16-700-180.000-032). Nathan Grimes spoke for the petitioner. No proof of water and sewer has been provided. Petitioner stated they cannot convert to sewer due to it is currently at full capacity. According to Todd Webb at the Health Dept., the area cannot have septic, and according to the UDO, multi-family residences must be on sewer. Connie made a motion to table the petition to the May 18, 2022 at 5:00 at the new government building, 300 Corporate Drive, Jeffersonville, In. Guy seconded the Motion. Motion carried 8-0
- b. 2022-05-PC: Plains of Millan Vacation: J & J Development is requesting the existing plat and deed restrictions for the Plains of Millan be vacated, (see attached parcel numbers).
- c. 2022-06-PC: J & J Development is requesting a secondary plat for the Plains of Millan (replat of Plains of Millan, Section 1) and to be consolidated into a section of the Waters of Millan (see attached list of parcel numbers). Brad Rhinehart, representing J & J Development stated the original plat of Plains of Millan had a slight change on one lot which was split into a smaller unbuildable lot and a small common area. The preliminary plat was approved in 2020. This secondary plat would have been administratively approved, but since the change was made on the one lot it had to be approved from the Board. Cathy Denison read the staff report. Harold Hart made a motion to vacate the plat and covenants of Plains of Millan and becoming a section of the Waters of Millan. Wally Estes seconded the motion. Motion passed 8-0. Connie made a motion to approve the secondary plat. Wally seconded the motion. Motion carried 8-0.

Advertisement

The Evening News and The Tribune, Jeffersonville, Ind.

Local residents voice concerns about proposed development in Charlestown



Brooke McAfee, The Evening News and the Tribune, Jeffersonville, Ind.



April 11, 2022 · 4 min read



Apr. 11—CHARLESTOWN — Local residents are speaking out against the proposed rezoning for a residential development in Charlestown, citing concerns about traffic safety on Charlestown Memphis Road and surrounding areas.

Advertisement

Woodstream Development, LLC, is seeking to build a subdivision of single-family homes in Charlestown, which includes properties at Charlestown-Memphis Road and Burdette Drive.

The proposed subdivision, located outside the city limits, would consist of up to 150 homes on nearly 40 acres, according to Cathy Denison, Clark County's planning and zoning director.

The Clark County Plan Commission will conduct a public hearing Wednesday and consider its recommendation on the rezoning from agricultural to R2, which would allow for the residential development.

ADVERTISEMENT

The meeting will take place at 5 p.m. at the Clark County government building at 501 E. Court Ave. The plan commission has tabled the proposed rezoning at two recent meetings.

TRENDING

1. Huge waves damage homes, cause injuries along California coast
2. Maine bars Trump from ballot as US Supreme Court weighs states' authority to block former president
3. Fishermen spotted something shiny near a creek. It was the first step toward a 'miracle'
4. Everglades snake and gator tried to eat each other. They exploded. See what happened
5. Exclusive: Recordings, emails show how Trump team flew fake elector ballots to DC in final push to overturn 2020 election

Couple David and Jennifer Swanson, who live on Charlestown Memphis Road, are among those with concerns about the

development. They worked with other local residents to organize a petition opposing the rezoning, and they will attend and speak at Wednesday's hearing.

According to Jennifer, they reached 109 signatures on the petition as of Monday afternoon. The Swansons and other local residents are encouraging the plan commission to deny the rezoning until a traffic study is completed, David said.

One of the entrances would be located on Charlestown Memphis Road.

The Swansons say they already have safety concerns about the roadway as it is now, and they are worried about the plan to route construction traffic through the rural county road, as well as the planned density of the residential development.

"The amount of heavy equipment that would be going down the road, we don't think it is capable of handling the traffic," David said. "Once the subdivision is complete, there will probably be hundreds of different cars every day going through."

It's a narrow, "really dangerous" road that already faces heavy traffic, and there are "blind curves and hills with cars traveling high speeds," Jennifer said. She notes that the road was recently resurfaced, but it is "already crumbling at the edges with no shoulders and deep ditches due to the additional asphalt added."

Jennifer said if there are 150 homes with at least two cars per house in the proposed subdivision, it could mean an extra 300 cars going through the area on a regular basis.

Residents also worry about the effects to the older Lakeview subdivision, located off of Indiana 160. The second entrance of the proposed subdivision on Burdette Drive would not include a direct route to the highway, but instead lead people through the older subdivision, according to David Reed, a resident of the Lakeview neighborhood.

Reed has signed the petition opposing the rezoning, and he will also be speaking at Wednesday's public hearing. The

development would affect "not only the people adjacent to the property, but a whole subdivision of people as well as

anyone who travels up and down the main arteries," he said.

"The real contention is, to get to that second entrance it will be such a bottleneck to get into the new development," he said. "They will have to meander through that 50-year-old established subdivision."

His main issue is safety, Reed said, and he does not feel there is "enough road frontage for them to have proper access to a county road." If the area is to be developed, he would prefer to see it rezoned for a less densely-populated development, such as homes on 1-acre lots that would result in lower traffic volumes.

Connie Sellers, a member of the plan commission, said she has not yet determined whether she will vote for a favorable recommendation on the rezoning matter, but she plans to make her decision following comments from residents at Wednesday's public hearing. She is also a county commissioner.

"I like to listen to everyone and give them the benefit of the doubt," she said. "I'll hear what they have to say, and we'll go from there."

Once a recommendation is approved by the plan commission, the rezoning will then go to the county commissioners.

The News and Tribune had not received a response from **Chris Jackson, the developer with Woodstream Development, LLC**, as of publication time.

Comments

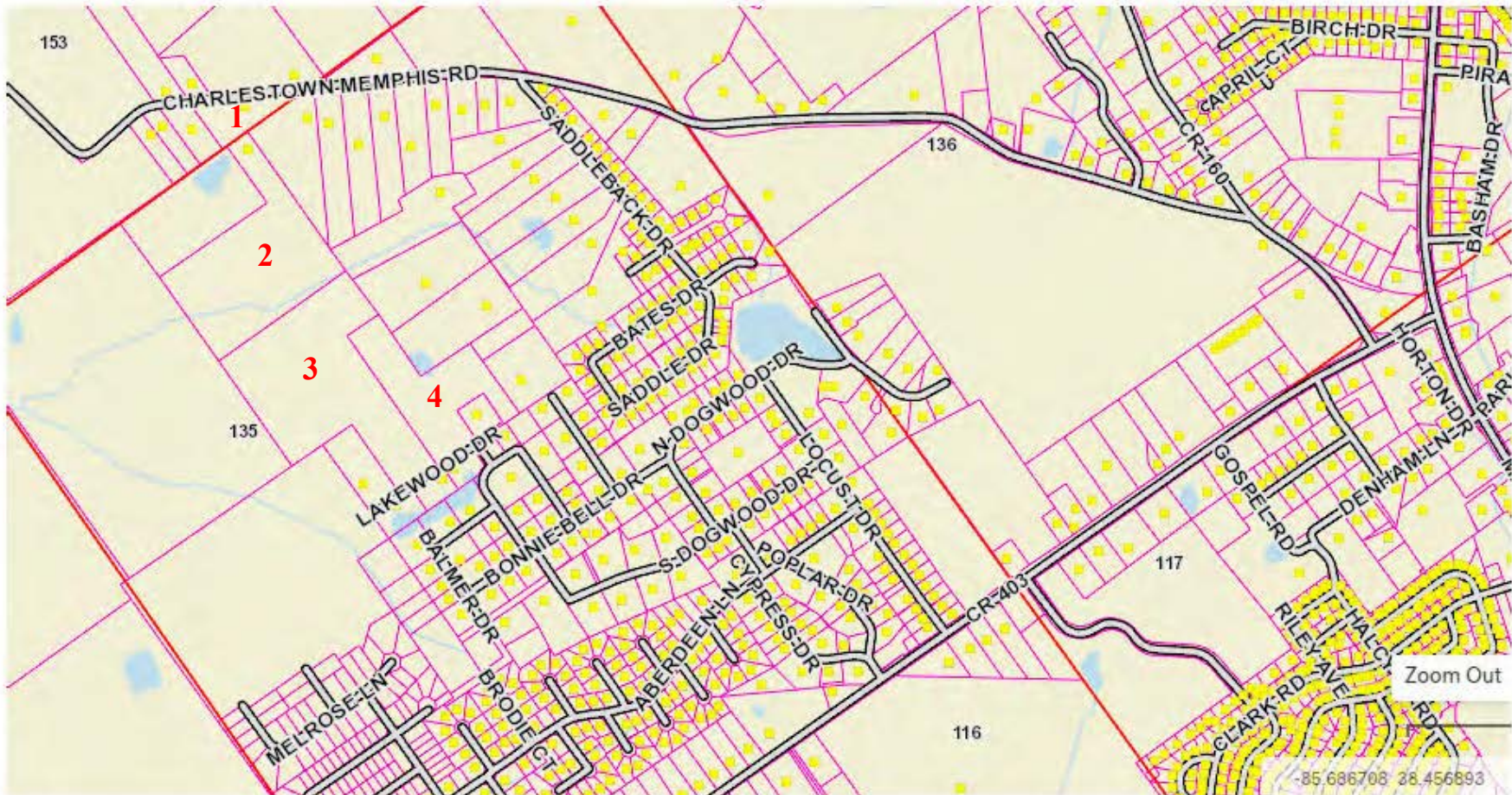
Commenting on this article has ended

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No one seems to have shared their thoughts on this topic yet

Woodstream Development LLC



Woodstream Development LLC parcels, Charlestown, IN

1. 10-03-15-300-009.000-003, 1608 Charlestown-Memphis Road, Charlestown, IN 47111
2. 10-03-13-500-179.000-003, Charlestown-Memphis Road, Charlestown, IN 47111
3. 10-03-13-500-178.000-003, Charlestown-Memphis Road, Charlestown, IN 47111
4. 10-03-13-500-209.000-003, Burdette Drive, Charlestown, IN 47111

Q-5-15: Mr. Bellucci indicated (page 17) that disposal of asbestos cement pipe will be performed in accordance with IDEM Standards. Please provide a copy of the IDEM standards for disposal of asbestos cement water pipe.

Response: A copy of the IDEM standards pertaining to asbestos removal is attached.

Q-5-16: Reference page ES-10 of the Preliminary Engineering Report which reads in part:

This project includes a new eight (8)-inch water main loop that connects the existing two (2)-inch master meter on Charlestown-Memphis Rd to the intersection of Opossum Rd and S.R. 160. This new eight (8)-inch water main will provide a sufficiently sized water main to support a future connection with Indiana American Water at Charlestown and provide an alternative supply source to the twelve (12)-inch connection with the Stucker Fork Conservancy.

- a. Has Petitioner or Petitioner’s consultants contacted Indiana-American to discuss the proposed 8-inch water main’s tie-in to Indiana-American’s system? If so, please provide copies of all communication with Indiana-American made by or on behalf of Petitioner. If not, please explain why not.

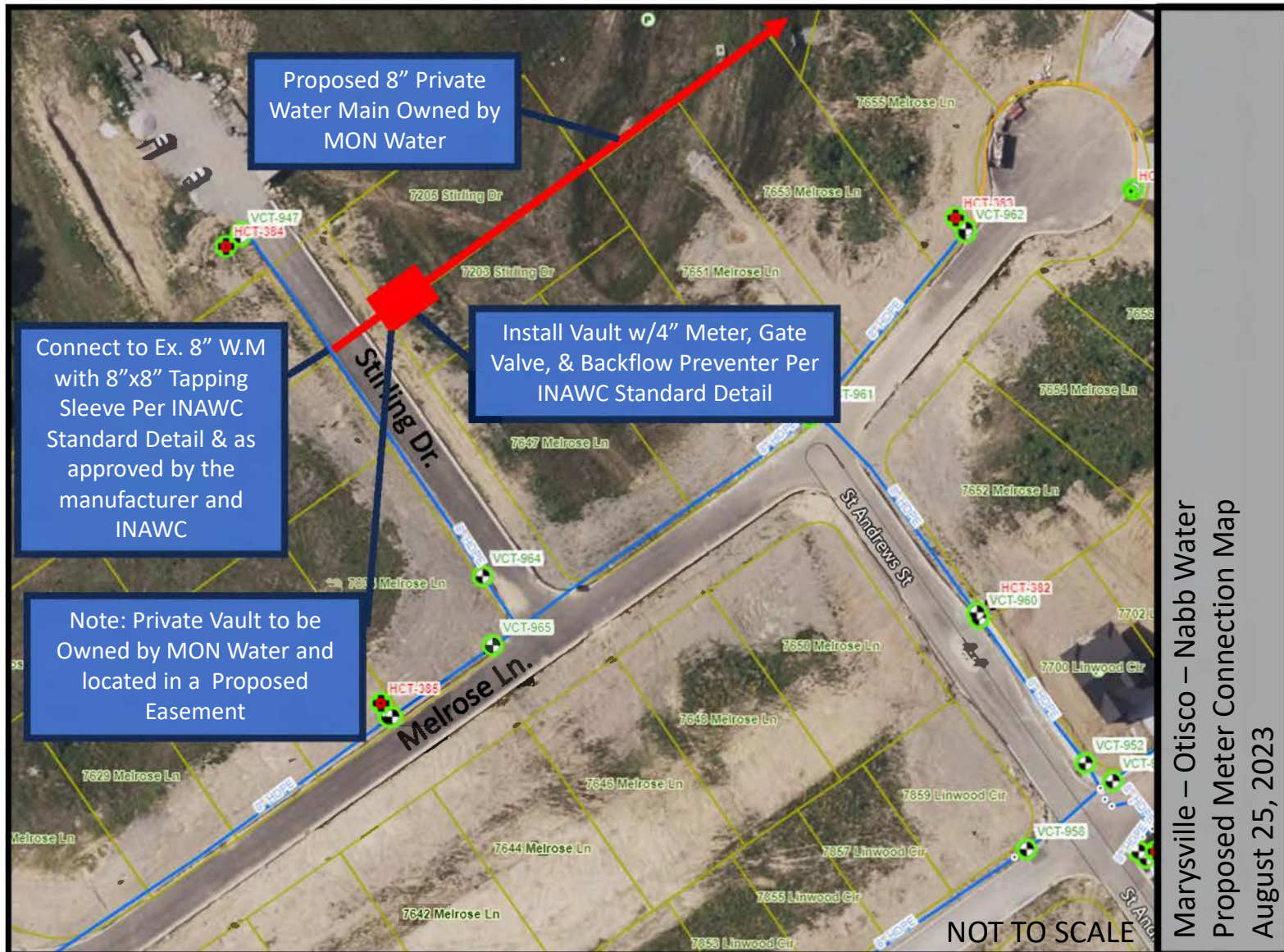
Response: E-mail communications between Petitioner and Indiana-American are attached.

- b. What flow does Petitioner or Indiana-American expect to be conveyed through the new “sufficiently sized” 8-inch water main?

Response: Approximately 135 gpm at 80 psi is estimated to be provided at the proposed location.

- c. What does the phrase “future connection with Indiana American Water at Charlestown” mean, where will this future connection be made, and what is the expected timeframe for making this future connection?

Response: The terminology “future connection” simply refers to the 8-inch loop within the proposed scope of work. A preliminary project schedule was provided in Table ES-8 of the Preliminary Engineering Report. A copy of a map showing the proposed meter connection with Indiana-American is attached.



Parks, James

From: Parks, James
Sent: Saturday, December 30, 2023 10:53 PM
To: Peters, Victor; Kashin, Adam J
Cc: Le Vay, Daniel
Subject: 45955 MON - Follow-up needed for DR 6-3 response and map
Attachments: 45955 DR 6-3 Follow-up 010224.pdf

Could you follow-up with Petitioner about their DR 6-3 response? We asked for a map of the revised route for the proposed 8-inch water main.

Petitioner provided a localized map of the new main only in the vicinity of the Danbury Oaks subdivision and the proposed Woodstream Development. They did not provide the requested route map from the Indiana-American tie in to the recently installed 8-inch main at the intersection of Opossum Trot Rd. and Highway 160.

During my Dec. 12th site visit, Superintendent Tony Masingo indicated they changed the water main route to connect to Indiana-American's system at a new 5th tie-in located inside the Danbury Oaks subdivision. This shortens the proposed main's length. In addition, Petitioner recently completed a new 8-inch main along Highway 160 as part of a three-phase water main project designed in 2012 and permitted in 2013. This recently installed 8-inch main also shortens the proposed main's length by 2,941 LF.

The proposed 8-inch main is summarized as follows:

- 26,800 LF (Bellucci Direct, p. 20 or 26,600 LF, Bellucci Direct, p. 45) (from the new Water Tank site on Highway 160 to the tie in at the existing 2-inch meter between the 4-inch Indiana-American and 4-inch M-O-N water mains at approximately 709 Charlestown-Memphis Road, Charlestown, IN).
- Subtract 2,941 LF for the 8-inch main recently installed along Highway 160. Petitioner did not disclose in its Case-in-Chief or in its PER that it had already constructed part of the proposed 8-inch water main.
- Equals 23,859 LF (extends to the existing Indiana-American 2-inch Master Meter at approximately 709 Charlestown-Memphis Road, Charlestown, IN)
- In its response to DR 6-3, Petitioner indicated the proposed main would only be 24,139 LF (does not agree with my calculation above) - not the 26,800 LF originally requested.
- To tie in to the 5th connection with Indiana-American's system, I suspect the water main length will be shorter than either my calculated 23,859 LF or Petitioner's revised 24,136 LF.

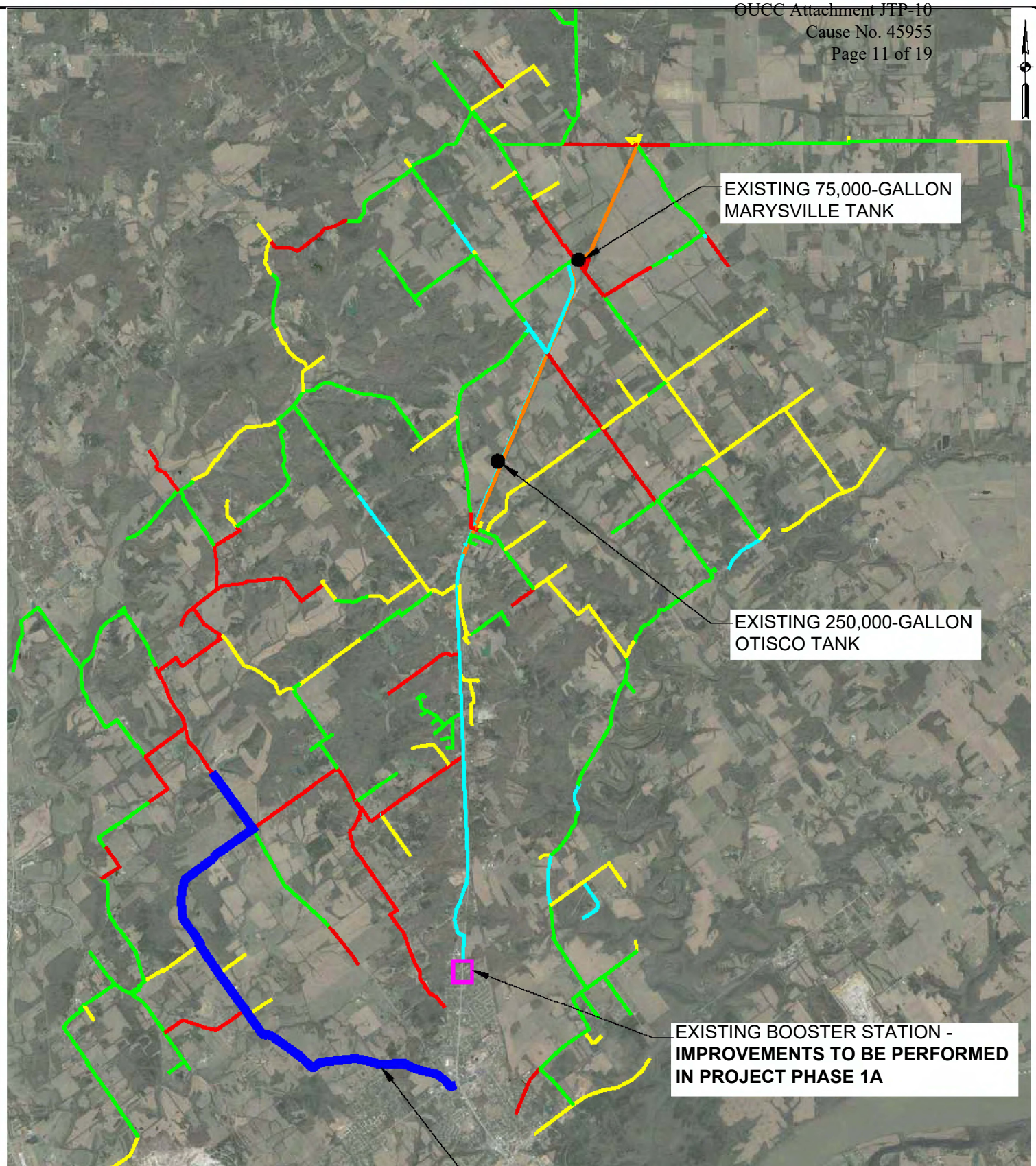
Attached are their response to DR 6-3 along with several maps of the proposed water main.

Jim



James T. Parks, P.E.
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Z:\Shared\IN Clients\W-Z\Marysville Otisco Nabb\0 - #22152 Water Utility Improvs\06 CAD\0 - PER Reports\1 - Figures\Section 6 - end ES - Figures.dwg PRINTED: 7/27/2023 7:51 AM BY: Dylan Nagle



LEGEND:

- EXISTING 12"
- **NEW 8"**
- EXISTING 6"
- EXISTING 4"
- EXISTING 3"
- EXISTING 2"
- EXISTING STORAGE TANK

**NEW 8" WATER MAIN LOOP
 AT CHARLESTOWN**
 26,600 LF

SCALE: 1"=8000'



The Phase 1A improvements also includes improvements to the booster station which transports water from Charlestown. These improvements include the replacement of the existing booster station pump, a variable frequency drive (VFD) to control the flow, a Mission Cellular System to remotely monitor the booster station, and an emergency generator.

B. Phase 1B Improvements

1. Installation of 8” Water Main Loop at Charlestown

This project includes a new eight (8)-inch water main loop that connects the existing two (2)-inch master meter on Charlestown-Memphis Rd to the intersection of Opossum Rd and S.R. 160. This new eight (8)-inch water main will provide a sufficiently sized water main to support a future connection with Indiana American Water at Charlestown and provide an alternative supply source to the twelve (12)-inch connection with the Stucker Fork Conservancy. This project includes approximately 26,600 LF of new eight (8)-inch water main along the connecting roads. It is anticipated that this water main will cross several waterways and would be located primarily in rural sections of the service area.

C. Project Schedule(s)

Each project should be constructed in a timely fashion. **Table ES-6 through ES-8** show the proposed schedules for the Water Utility Extension Project phases and full project.

**Table ES-6
Proposed Schedule for Water Utility Extension Project - Phase 1A**

Item	Date to be Completed
Utility Submits PER and ER to Funding Agency (USDA)	July 2023
Funding Agency Approves the PER / ER	August 2023
Utility Files Application to Funding Agency (USDA)	August 2023
Utility Secures Ban for Design and Permitting	September 2023
Utility Authorizes Design	September 2023
Utility Applies for Required Permits	December 2023
Utility Obtains Required Permits	February 2024
Utility Submits to Funding Agency for Bid Authorization	March 2024
Utility Received Agency Approval and Advertises for Construction Bids	March 2024
Utility Receives Construction Bids	April 2024
Utility Closes on Financing/Construction Begins	June 2024
Utility Substantially Completes Construction	May 2025
Final Inspection is Conducted	June 2025

W22152 Marysville Otisco Nabb
Marysville, IN

Planning Period: 20 years

Installation of 8" WM Loop at Charlestown - HDD											
Description	Unit	Material Price	Installation Price	Total Unit Price	Quantity	Total Price	Sources	Comments	Useful Life	Salvage Value	
8" Water Main HDD	LF	\$171		\$171	24,193	\$4,137,100	Madison Bid Tab Div. C W19120		50	\$1,323,872	
8" Water Main Open Cut	LF	\$82		\$82	2,398	\$196,700	Madison Bid Tab Div. C W19120	Measured	50	\$62,944	
Stream Crossing	LF	\$171		\$171	26,792 LF 201	\$34,400	Rob B. Cost Estimate	Assumed an additional 15 LF needed on each side			
Water Service Line	LF	\$24		\$24	2,190	\$53,400	Madison Bid Tab Div. C W19120	73 service connections and assumed 30 LF per connection	50	\$17,088	
Hydrant Assembly	EA	\$8,675		\$8,675	27	\$232,500	Reelsville Bid Tab Div. B W21060	Assumed every 1,000 LF	50	\$74,400	
8" Gate Valve with Valve Box	EA	\$3,150		\$3,150	37	\$115,300	Eaton Water Div. C W19033	2 Creek Crossings, 2x valves added per crossing, valves est. every 1,000 LF, 6 other needed locations added	50	\$36,896	
4" Type A Connection	EA	\$5,500		\$5,500	2	\$11,000	Reelsville Bid Tab Div. B W21060		50	\$3,520	
2" Type A Connection	EA	\$4,500		\$4,500	4	\$18,000	Reelsville Bid Tab Div. B W21060		50	\$5,760	
Water Main Reconnection	EA	\$2,250		\$2,250	6	\$13,500	Madison Bid Tab Div. C W19120				
Cut & Cap	EA	\$2,500		\$2,500	7	\$17,500	Rough Estimate				
Granular Backfill	LF	\$40		\$40	360	\$14,400	Madison Bid Tab Div. C W19120	Assumed 15% of Open Cut			
Seed and Mulch Restoration	LF	\$15		\$15	2,321	\$34,900	Madison Bid Tab Div. C W19120	Measured			
Gravel Repair	LF	\$25		\$25	31	\$800		Measured			
Asphalt Repair	LF	\$32		\$32	46	\$1,500	Madison Bid Tab Div. C W19120	Measured			
Erosion Control (1.5%)						\$73,300					
Traffic Control (1.5%)						\$73,300					
Mobilization / Demobilization (5%)						\$251,400					
Construction Administration (2.5%)						\$132,000					
Subtotal						\$5,411,000					
Contingency (10%)						\$541,100					
BABA (10%)						\$541,100					
Construction Total						\$6,493,200					\$1,524,480

Installation of 8" WM Loop at Charlestown - Open Cut											
Description	Unit	Material Price	Installation Price	Total Unit Price	Quantity	Total Price	Sources	Comments	Useful Life	Salvage Value	
8" Water Main Open Cut	LF	\$82		\$82	26,591	\$2,180,500	Madison Bid Tab Div. C W19120		50	\$697,760	
Stream Crossing	LF	\$171		\$171	26,792 LF 201	\$34,400	Rob B. Cost Estimate	Assumed an additional 15 LF needed on each side			
Water Service Line	LF	\$24		\$24	2,190	\$53,400	Madison Bid Tab Div. C W19120	73 service connections and assumed 30 LF per connection	50	\$17,088	
Hydrant Assembly	EA	\$8,675		\$8,675	27	\$232,500	Reelsville Bid Tab Div. B W21060	Assumed every 1,000 LF	50	\$74,400	
8" Gate Valve with Valve Box	EA	\$3,150		\$3,150	37	\$115,300	Eaton Water Div. C W19033	2 Creek Crossings, 2x valves added per crossing, valves est. every 1,000 LF, 6 other needed locations added	50	\$36,896	
4" Type A Connection	EA	\$5,500		\$5,500	2	\$11,000	Reelsville Bid Tab Div. B W21060		50	\$3,520	
2" Type A Connection	EA	\$4,500		\$4,500	4	\$18,000	Reelsville Bid Tab Div. B W21060		50	\$5,760	
Water Main Reconnection	EA	\$2,250		\$2,250	6	\$13,500	Madison Bid Tab Div. C W19120				
Cut & Cap	EA	\$2,500		\$2,500	7	\$17,500	Rough Estimate				
Granular Backfill	LF	\$40		\$40	3,989	\$159,600	Madison Bid Tab Div. C W19120	Assumed 15% of open cut length			
Seed and Mulch Restoration	LF	\$15		\$15	21,273	\$319,100	Madison Bid Tab Div. C W19120	Assumed 80% of open cut length			
Gravel Repair	LF	\$25		\$25	1,330	\$33,300	Madison Bid Tab Div. C W19120	Assumed 5% of open cut length			
Asphalt Repair	LF	\$32		\$32	3,989	\$127,700	Madison Bid Tab Div. C W19120	Assumed 15% of open cut length			
Erosion Control (1.5%)						\$49,800					
Traffic Control (1.5%)						\$49,800					
Mobilization / Demobilization (5%)						\$170,800					
Construction Administration (2.5%)						\$89,700					
Subtotal						\$3,675,900					
Contingency (10%)						\$367,600					
BABA (10%)						\$367,600					
Construction Total						\$4,411,100					\$835,424

Response: All potential future customers were assumed to be single-family residential connections.

- d. Assumed average daily water demand per customer.

Response: The average daily water demand assumed was 170 gallons per day for each future customer.

- e. Assumed total daily water demand.

Response: The total average daily water demand assumed for potential future customers was 87,501 gallons per day.

- f. Date when the community is expected to require service.

Response: It is assumed that the future growth area will require service by Petitioner within the next 3-5 years.

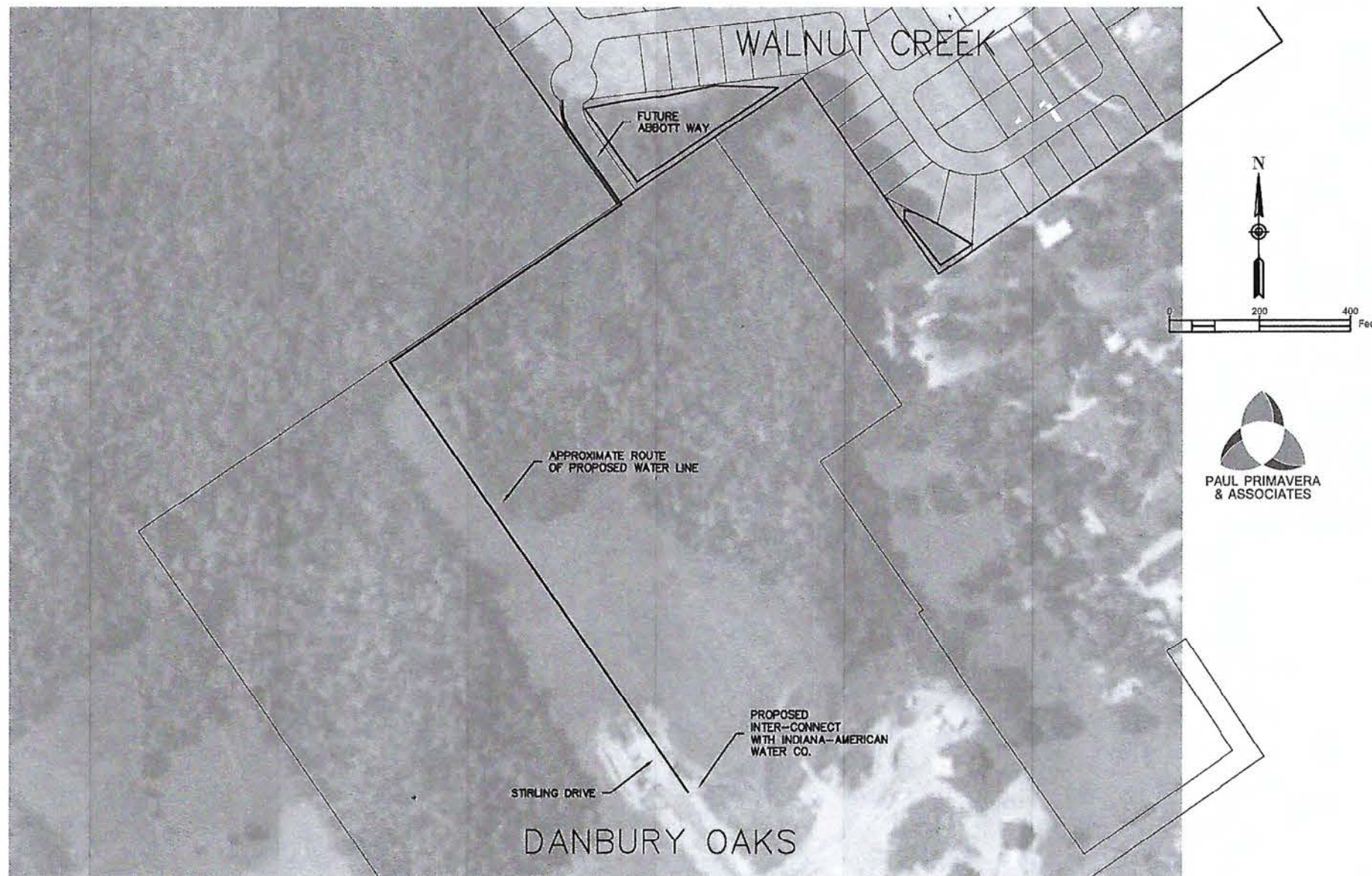
- g. Was the water demand for the community near Charlestown disbursed in the hydraulic model over Petitioner's entire distribution system or modeled as a localized demand to a limited area?

Response: In the model, the potential future water demand is identified as a localized node at a specific location within the existing distribution system.

Q-6-3: Please provide a copy of the drawing or map showing the revised route for the proposed 8-inch water main that will connect to Indiana-American's water main in the vicinity north of the Danbury Oaks subdivision rather than at the existing 2-inch master meter on Charlestown-Memphis Road. Please also indicate the total revised length of the new 8-inch water main between the new connection to Indiana-American's system and the intersection of Highway 160 and Opossum Trot Road.

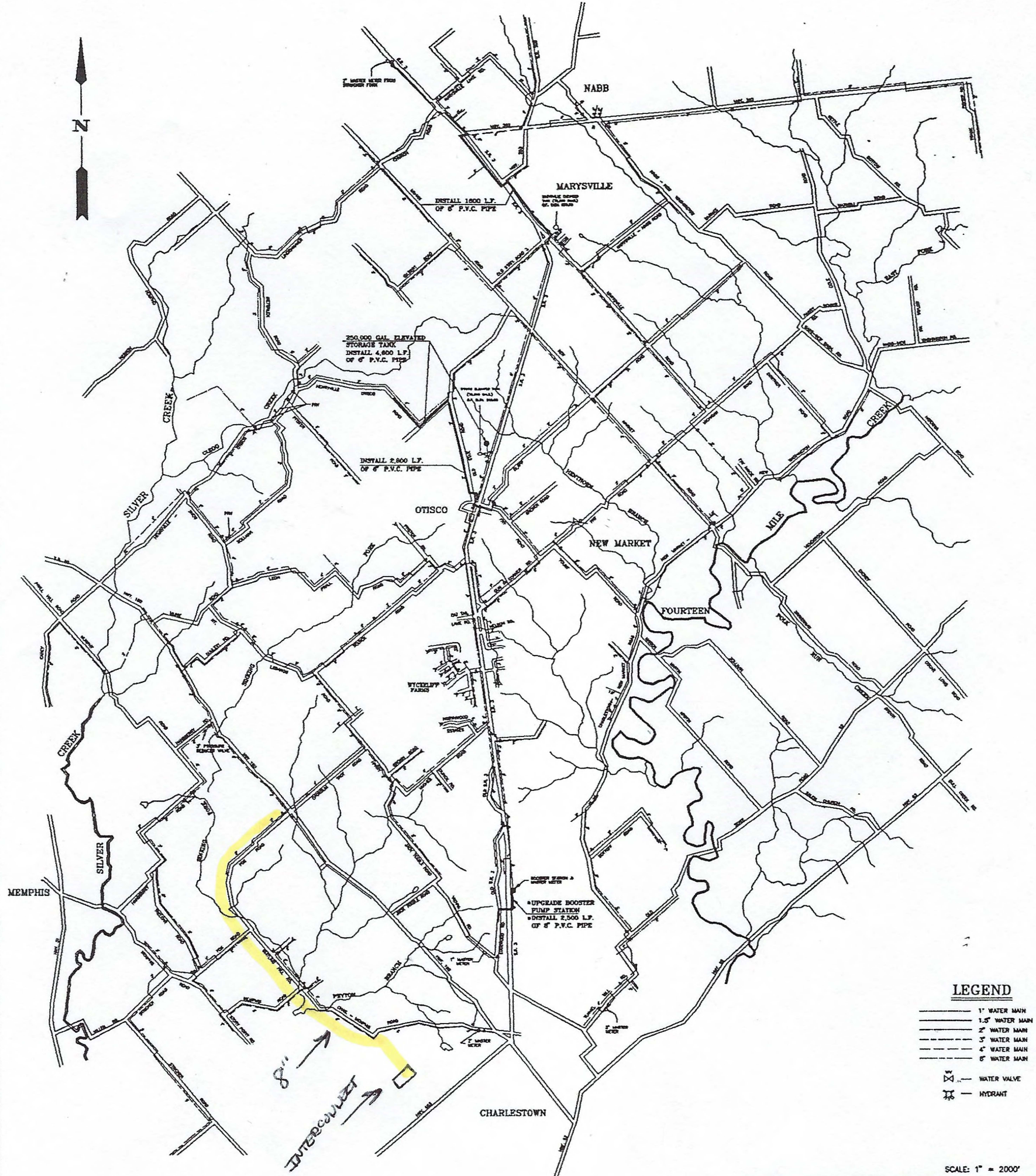
Response: A drawing showing the revised route for the proposed 8-inch water main that will connect to Indiana-American's water main near Danbury Oaks is attached. The total length of the proposed new 8-inch water main between the new connection to Indiana-American's system and the intersection of Highway 160 and Opossum Trot Road is estimated to be approximately 24,136 LF.

Petitioner provided a partial map of the new 8-inch main in the vicinity of the Danbury Oaks subdivision and the proposed Woodstream Development.



Revised 8-inch Water Main length between the new (5th) connection to
Indiana-American's Charlestown system and the intersection of Highway 160
and Opossum Trot Road: approximately 24,136 LF

45955, Marysville-Otisco-Nabb
Supplemental Response DR 6-3
01/03/2024



LEGEND

—	1" WATER MAIN
—	1.5" WATER MAIN
—	2" WATER MAIN
—	3" WATER MAIN
—	4" WATER MAIN
—	6" WATER MAIN
—	8" WATER MAIN
⊠	WATER VALVE
⊠	HYDRANT

SCALE: 1" = 200'

MARYSVILLE-OTISCO-NABB
WATER CORPORATION SYSTEM MAP

Prepared By:
SCHIMPELER-CORRADINO ASSOCIATES
Engineering and Planning Consultants
515 Michigan Avenue
Jeffersonville, Indiana 47130
812/284-5012

8" EXTENSION FOR I.A.W. INTERCONNECT

affected customers once that boil water advisory was lifted. The Operator believes that Petitioner acted reasonably to preserve public health.

Since January 1, 2019, Petitioner has had forty-three (43) water main breaks in which thirty-two (32) of those breaks required certain sections of pipe to be cut out. For each of these breaks, the Operator believed that the repair was isolated, the lines were sufficiently flushed, and had proper chlorine residual at the end of each flushing. Under those circumstances, the Operator did not believe issuing a boil water advisory was necessary for repairing those breaks.

Petitioner intends to put measures in place going forward to ensure that Petitioner complies with State notice requirements for boil water advisories, including sending out text and email alerts to customers.

- f. Copies of all Boil Water Advisories issued.

Response: See response to Question 6-1(e). There are no documents responsive to this Request.

Q-6-2: Reference the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc., page 3-3 which reads in part:

In addition, a community near Charlestown is considering joining which will increase the demand for the system.

Please answer and provide the following:

- a. Identify the community or development including the location.

Response: The reference to a “community near Charlestown” in Section 3 of the Preliminary Engineering Report was not intended to identify an existing incorporated or unincorporated community or development that currently is not connected to a public water supply. This statement was included to identify the opportunity of Petitioner to provide water utility services to a potential future growth area.

- b. Anticipated number of potential customers.

Response: For planning purposes, the potential future growth area was assumed to add 500 additional customer connections.

- c. Type of customer (single family residential, apartments, commercial).

Response: All potential future customers were assumed to be single-family residential connections.

- d. Assumed average daily water demand per customer.

Response: The average daily water demand assumed was 170 gallons per day for each future customer.

- e. Assumed total daily water demand.

Response: The total average daily water demand assumed for potential future customers was 87,501 gallons per day.

- f. Date when the community is expected to require service.

Response: It is assumed that the future growth area will require service by Petitioner within the next 3-5 years.

- g. Was the water demand for the community near Charlestown disbursed in the hydraulic model over Petitioner's entire distribution system or modeled as a localized demand to a limited area?

Response: In the model, the potential future water demand is identified as a localized node at a specific location within the existing distribution system.

Q-6-3: Please provide a copy of the drawing or map showing the revised route for the proposed 8-inch water main that will connect to Indiana-American's water main in the vicinity north of the Danbury Oaks subdivision rather than at the existing 2-inch master meter on Charlestown-Memphis Road. Please also indicate the total revised length of the new 8-inch water main between the new connection to Indiana-American's system and the intersection of Highway 160 and Opossum Trot Road.

Response: A drawing showing the revised route for the proposed 8-inch water main that will connect to Indiana-American's water main near Danbury Oaks is attached. The total length of the proposed new 8-inch water main between the new connection to Indiana-American's system and the intersection of Highway 160 and Opossum Trot Road is estimated to be approximately 24,136 LF.

Trot Roads from SR 3 to the intersection of Highway 160 and Opossum Trot Road.

Response: The above statement is confirmed as accurate.

Q-6-10: Reference Tables 3-6 and 3-7 in the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc., and the sentences on pages 3-10 and 3-12 indicating the above alternatives were modeled with water supply coming *primarily* from the Stucker Fork or *primarily* from the Charlestown Water Utility emergency connection. Emphasis added by the OUCC.

- a. Please confirm that hydraulic modeling for the alternatives were based on 100% supply from either Stucker Fork or Indiana-American's Charlestown system.

Response: Separate modeling simulations were completed based upon 100% system supply from Stucker Fork and 100% system supply from the Indiana-American Charlestown connection locations.

Q-6-11: Reference the population projections shown in Table 3-2 of the Preliminary Engineering Report prepared by Commonwealth Engineers, Inc. on page 3-5. Please provide support for the forecasted 2043 population including all data, assumptions, calculations, and sources relied on for the calculation.

Response: Indiana STATS provides population projections for Indiana counties through the year 2050. However, this information excludes unincorporated communities within the same counties. Nominal growth has been observed within both Scott (0.84%) and Clark (9.85%) Counties since 2010. The potential future growth and development of 500 single-family residential connections near Charlestown was previously noted. The Preliminary Engineering Report assumed continued nominal growth throughout the remaining existing service area (8 additional customer connections) for a combined future growth of 508 connections through the end of the planning period. Using 2.56 people per connection (current population divided by current connections less commercial / public authority connections), the overall service area population is projected to increase by approximately 1,300 throughout the duration of the planning period.

Q-6-12: Please provide all board minutes for November and December 2023.

Response: Copies of the requested board minutes are attached. The December 2023 board minutes will not be approved until the Board's