Exhibit No. 107

DATA INFORMATION REQUEST Missouri-American Water Company WA-2021-0376/SA-2021-0377 Eureka Acquisition

Requested From: Nikki Pacific

Date Requested: 10/19/2021

Information Requested:

Please provide all communications between Missouri-American Water Company and Flinn Engineering, including all communication to and from persons identified in MAWC's responses to Staff DRs 0055 and 0056.

Requested By: Mark Johnson

Information Provided:

Please see MoPSC 0060 Attachment 1.

Responsible witness: Brian LaGrand

From: Kelly Simpson

To: Mary Beth Hercules

Cc: Nikki Pacific S Pacific

Subject: Eureka Appendices

Date: Friday, June 25, 2021 3:40:37 PM

Attachments: <u>image001.png</u>

<u>Eureka Appendices-January Report.pdf</u> <u>Eureka Appendices-March Report.pdf</u>

EXTERNAL EMAIL: The Actual Sender of this email is ksimpson@flinnengineering.com "Think before you click!".

Mary Beth,

The appendices for each version of the Eureka report are attached. As we discussed, the only appendix that changed was Appendix D. The explanation for the 2 different reports was sent to Jeff Kaiser this afternoon. As I was preparing this, Nikki also asked for this so she is copied.

Please let me know if you have any questions.



From: Kelly Simpson
To: Nikki Pacific S Pacific

Cc: Joe Batis

Subject: MDNR Public Records Center

Date: Friday, January 15, 2021 10:00:22 AM

Attachments: <u>image001.png</u>

EXTERNAL EMAIL: The Actual Sender of this email is ksimpson@flinnengineering.com "Think before you click!".

Nikki,

MDNR has a Public Records Center at this link.

 $https://missouridnr.mycusthelp.com/WEBAPP/_rs/(S(z2pzhrnnnaw41pmc4dtpyngb))/SupportHome. \\ aspx$

I have used this when a project allows the time. It takes about 6 weeks for MDNR to respond and there is a charge. The last one I did was a year ago and they provided a link to 4 documents including plans and reports. My invoice was about \$10.

Requesting information through this portal early will provide information that the cities sometimes do not have or can't find. If you have a list of potential acquisition for 2021, I would be happy to submit a request to MDNR for public records. Or if you can't provide a list, can you have someone at MO-Am request the public records from MDNR?



From: Kelly Simpson
To: Jeffrey T Kaiser

Subject: Eureka January and March Reports **Date:** Friday, June 25, 2021 1:36:20 PM

Attachments: image002.png image003.png

image003.png Eureka Parcel Data.xlsx

EXTERNAL EMAIL: The Actual Sender of this email is ksimpson@flinnengineering.com "Think before you click!".

Jeff,

If you look at Table 9 in the 2 versions of the report, the original estimated installation cost is the same. The only thing that changed from the January Report to the March report is the assumption used to estimate the age of the assets, specifically the water distribution and sewer collection assets. In the report, this is reflected in Tables 4, 7, and 9; the description of the assumption of age under Water Distribution System and Sewer Collection System; and Appendix D. Nothing else changed from the January report to the March report. The age of the assets directly impacts the depreciation and estimated book value of the assets.

The assumption in the January report was purely an assumption that 70% of buried assets were installed when the system was placed in service (water 1959 and sewer 1950), and that 5% was installed with the installation of each well (water distribution) and lift station (sewer). As described in the March report, "We assumed the distribution system was expanded with the addition of each well. The quantity of distribution assets was prorated based on the approximate amount of new buildings in the period between well installations. The St. Louis County GIS parcel data includes the year each building was built. The data was queried for buildings within the municipality of Eureka. The data included 3,925 parcels, which is consistent with the number of customers (3,947). The estimated percent of distribution assets per period is shown in **Table 4**." And "We assumed the sewer system was expanded with the installation of lift stations. The percentage of assets per period were assumed to be similar to the calculation described above for the water distribution assets."

I attached the spreadsheet with the output from the St. Louis County GIS parcel data. I highlighted the portion of the data that was used in my calculation. Using the GIS data is a significantly more accurate and appropriate method of estimating the age of assets. While completing the January report, I was not aware that the GIS data was available and had no other alternative except to make a pure assumption about the age of the assets.

I believe all other supporting documentation is included in the appendices of each report. Please let me know if you need anything else.



From: Jeffrey T Kaiser < Jeffrey.Kaiser@amwater.com>

Sent: Friday, June 25, 2021 12:48 PM

To: Kelly Simpson <ksimpson@flinnengineering.com>

Subject: RE: can you give me a call regarding the Eureka report?

Below is the DR I need to talk with you about.

JTK

PSC 0035

DATA INFORMATION REQUEST Missouri-American Water Company WA-2021-0376/SA-2021-0377 Eureka Acquisition

Requested From: Nikki Pacific **Date Requested**: 06/25/2021

Information Requested:

In the Eureka Valuation Report, Appendix A page 2 of the application, the authors acknowledge that the Flinn Engineering Report was relied upon in completing their analysis of the subject property system. However, two different versions of the Flinn Engineering Report were filed in this case. The first version, dated March 16, 2020, is specified in the Valuation Report. A second version of the Flinn Engineering Report, dated January 18, 2020, was later filed in response to DR 0015, and that version reports much lower values for both the water and the sewer systems.

- 1. Please provide all supporting information from Flinn Engineering that was used in generating these two different report versions including Appendices A through E for both of the Flinn Engineering Report versions.
- 2. Please explain why two final versions of the Flinn Engineering Report were generated.
- 3. Please provide any other appraisals or valuation reports associated with the preparation of the sale of the Eureka water and wastewater systems to MAWC.

Requested By: Mark Johnson

Information Provided:

Responsible witness: Brian Eisenloeffel

Jeffrey. T. Kaiser, P.E.
Vice President of Operations
Missouri American Water Company
727 Craig Road
Creve Coeur, MO 63141

Phone: 314-996-2319 Mobile: 618-975-6593



From: Kelly Simpson < ksimpson@flinnengineering.com >

Sent: Friday, June 25, 2021 10:22 AM

To: Jeffrey T Kaiser < <u>Jeffrey.Kaiser@amwater.com</u>>

Subject: Re: can you give me a call regarding the Eureka report?

EXTERNAL EMAIL: The Actual Sender of this email is ksimpson@flinnengineering.com "Think before you click!".

I'm on grandma duty until after lunch. Can it wait until this afternoon? Or if it's quick I can do it now.

On Jun 25, 2021, at 10:18 AM, Jeffrey T Kaiser < Jeffrey.Kaiser@amwater.com> wrote:

Jeffrey. T. Kaiser, P.E. Vice President of Operations Missouri American Water Company 727 Craig Road Creve Coeur, MO 63141

Phone: 314-996-2319 Mobile: 618-975-6593

<image001.png>

WA-2021-0376 MoPSC 0060 Attachment 1 Page 6 of 31

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American Water Works Company Inc., 1 Water Street, Camden, NJ 08102 www.amwater.com

From: Kelly Simpson
To: Jeffrey T Kaiser

Subject: Eureka March Report Corrected App D **Date:** Friday, June 25, 2021 4:44:18 PM

Attachments: image001.png

App D-Depreciation Calc.pdf

EXTERNAL EMAIL: The Actual Sender of this email is ksimpson@flinnengineering.com "Think before you click!".

Jeff,

I added the 2 pages of depreciated values from the insurance list to Appendix D. Let me know if you need anything else.



From: Jeffrey T Kaiser
To: Kelly Simpson

Subject: RE: can you give me a call regarding the Eureka report?

Date: Friday, June 25, 2021 12:47:34 PM

Attachments: <u>image001.png</u>

Below is the DR I need to talk with you about.

JTK

PSC 0035

DATA INFORMATION REQUEST Missouri-American Water Company WA-2021-0376/SA-2021-0377 Eureka Acquisition

Requested From: Nikki Pacific **Date Requested**: 06/25/2021

Information Requested:

In the Eureka Valuation Report, Appendix A page 2 of the application, the authors acknowledge that the Flinn Engineering Report was relied upon in completing their analysis of the subject property system. However, two different versions of the Flinn Engineering Report were filed in this case. The first version, dated March 16, 2020, is specified in the Valuation Report. A second version of the Flinn Engineering Report, dated January 18, 2020, was later filed in response to DR 0015, and that version reports much lower values for both the water and the sewer systems.

- 1. Please provide all supporting information from Flinn Engineering that was used in generating these two different report versions including Appendices A through E for both of the Flinn Engineering Report versions.
- 2. Please explain why two final versions of the Flinn Engineering Report were generated.
- 3. Please provide any other appraisals or valuation reports associated with the preparation of the sale of the Eureka water and wastewater systems to MAWC.

Requested By: Mark Johnson

Information Provided:

Responsible witness: Brian Eisenloeffel

Jeffrey. T. Kaiser, P.E. Vice President of Operations Missouri American Water Company 727 Craig Road

Creve Coeur, MO 63141 Phone: 314-996-2319 Mobile: 618-975-6593



From: Kelly Simpson <ksimpson@flinnengineering.com>

Sent: Friday, June 25, 2021 10:22 AM

To: Jeffrey T Kaiser < Jeffrey. Kaiser@amwater.com>

Subject: Re: can you give me a call regarding the Eureka report?

EXTERNAL EMAIL: The Actual Sender of this email is ksimpson@flinnengineering.com "Think before you click!".

I'm on grandma duty until after lunch. Can it wait until this afternoon? Or if it's quick I can do it now.

On Jun 25, 2021, at 10:18 AM, Jeffrey T Kaiser < Jeffrey.Kaiser@amwater.com> wrote:

Jeffrey. T. Kaiser, P.E.
Vice President of Operations
Missouri American Water Company
727 Craig Road
Creve Coeur, MO 63141

Phone: 314-996-2319 Mobile: 618-975-6593

<image001.png>

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From: Kelly Simpson
To: Jeffrey T Kaiser
Subject: RE: Eureka DR

Date: Thursday, September 30, 2021 7:46:36 AM

Attachments: <u>image001.png</u>

EXTERNAL EMAIL: The Actual Sender of this email is ksimpson@flinnengineering.com "Think before you click!".

Jeff,

Regarding the condition of assets, I state in my report that the high-level review of the condition is based on data provided by the City and photos taken by others during their site visit. I purposely use the terms "appear" and "assume" to be clear that I am not making a bold statement about the condition of the assets.

The value placed on the WWTP is based on the insurance asset list provided by the City. The WWTP includes 14 lines near the bottom of the list included in Appendix A (the asset list as provided by the City) and Appendix D (the depreciation calculation). The 2019 value from the insurance list is \$1,973,110. I used depreciation rates approved by the MO PSC to get an estimated depreciated book value of \$943,428.

Please let me know if you need anything else.

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



From: Jeffrey T Kaiser < Jeffrey.Kaiser@amwater.com> **Sent:** Wednesday, September 29, 2021 6:06 PM **To:** Kelly Simpson < ksimpson@flinnengineering.com>

Subject: Fwd: Eureka DR

Kelly can you give me a call in the morning so we can address these questions?

JTK
Jeffrey T. Kaiser, PE
Vice President of Operations
Missouri American Water Company
Office:314-996-2319

Eureka, MO Asset Value Report

Depreciated Value-Water Distribution and Sewer Collection Systems

Asset Description	Year Installed	Estimated Installation Cost 2019	Age (2019)	Depreciation Period ¹	D	epreciation ²		Depreciated Value ³
Water Main	1959		60			2,043,534.60	\$	value
Water Main	1939	\$ 1,702,943.30	42	50	_	2,860,948.44	\$	544,942.56
Water Main	1977	\$ 3,403,691.00	29	50	_	987,708.39	\$	715,237.11
Water Main	1990	\$ 1,702,945.50 \$ 1,702,945.50	29	50		783,354.93	\$	919,590.57
Water Main	2003	\$ 1,702,945.50 \$ 5,108,836.50	16	50		1,634,827.68	\$	3,474,008.82
Water Main	2003		13	50		442,765.83	\$	1,260,179.67
Water Main	2006	\$ 1,702,945.50 \$ 1,702,945.50	2	50		68,117.82	\$	1,634,827.68
	1959		60			336,000.00	<u> </u>	
Fire Hydrants Fire Hydrants	1959	\$ 224,000.00 \$ 451,500.00	42	40		474.075.00	\$	-
,	1977		29	40	_		\$	61,600.00
Fire Hydrants	1990					162,400.00	_	
Fire Hydrants		,	23	40		128,800.00	\$	95,200.00
Fire Hydrants	2003	\$ 675,500.00	16	40		270,200.00	\$	405,300.00
Fire Hydrants	2006	\$ 224,000.00	13	40		72,800.00	\$	151,200.00
Fire Hydrants	2017	\$ 224,000.00	2	40		11,200.00	\$	212,800.00
Water Services and Meters	1959	\$ 592,500.00	60	35	_	1,015,714.29	\$	-
Water Services and Meters	1977	\$ 1,183,500.00	42	35	_	1,420,200.00	\$	-
Water Services and Meters	1990		29	35	_	490,928.57	\$	101,571.43
Water Services and Meters	1996		23	35	_	389,357.14	\$	203,142.86
Water Services and Meters	2003	\$ 1,774,500.00	16	35		811,200.00	\$	963,300.00
Water Services and Meters	2006	\$ 592,500.00	13	35		220,071.43	\$	372,428.57
Water Services and Meters	2017	\$ 592,500.00	2	35	\$	33,857.14	\$	558,642.86
Total Water Assets		\$ 25,196,955.00					\$	11,673,972.12
							ļ.,	
Sewer	1950		69	50		2,656,722.18	\$	-
Sewer	1976		43	50		3,311,276.92	\$	539,045.08
Sewer	1987	\$ 1,925,161.00	32	50	-	1,232,103.04	\$	693,057.96
Sewer	1995	\$ 1,925,161.00	24	50		924,077.28	\$	1,001,083.72
Sewer	2000	\$ 5,775,483.00	19			2,194,683.54	\$	3,580,799.46
Sewer	2005	\$ 1,925,161.00	14	50	_	539,045.08	\$	1,386,115.92
Sewer	2018	\$ 1,925,161.00	1	50	_	38,503.22	\$	1,886,657.78
Manholes	1950	\$ 507,500.00	69	50		700,350.00	\$	-
Manholes	1976		43	50		875,910.00	\$	142,590.00
Manholes	1987	\$ 507,500.00	32	50	_	324,800.00	\$	182,700.00
Manholes	1995	\$ 507,500.00	24	50	_	243,600.00	\$	263,900.00
Manholes	2000	\$ 1,526,000.00	19	50	\$	579,880.00	\$	946,120.00
Manholes	2005	\$ 507,500.00	14	50	\$	142,100.00	\$	365,400.00
Manholes	2018		1	50	\$	10,150.00	\$	497,350.00
Service Laterals	1950	\$ 116,700.00	69	50	\$	161,046.00	\$	-
Service Laterals	1976		43	50	\$	200,466.00	\$	32,634.00
Service Laterals	1987	\$ 116,700.00	32	50	\$	74,688.00	\$	42,012.00
Service Laterals	1995	\$ 116,700.00	24	50	\$	56,016.00	\$	60,684.00
Service Laterals	2000	\$ 349,800.00	19	50	\$	132,924.00	\$	216,876.00
Service Laterals	2005	\$ 116,700.00	14	50	\$	32,676.00	\$	84,024.00
Service Laterals	2018	\$ 116,700.00	1	50	\$	2,334.00	\$	114,366.00
Total Wastewater Assets		\$ 25,500,010.00					\$	12,035,415.92

Note 1 - Based on Missouri PSC Rate Case Dockets WR-2015-0138 Village Greens Water Company; WR-2016-0169 Woodland Manor Water Company; WR-2015-0104 Spokane Highlands Water Company; SR-2014-0105 Terre Du Lac Utility Company; SR-2014-0068 P.C.B., Inc.; and SR-2013-0435 Rogue Creek Sewer.

Note 2 - Depreciation = Age/Depreciation Period X Estimated Installation Cost

Note 3 - Depreciated Value = Estimated Installation Cost - Depreciation

Eureka, MO Asset Value Report Depreciated Value-Assets in Insurance List

APPRAISAL REFERENCE	CITY REFERENCE	DESCRIPTION	BUILDING 2019-20 VALUES	CONTENTS 2019-20 VALUES	TOTAL VALUE	APPROX YEAR INSTALLED	Age (2019)	Depreciation Period ¹	Depreciation ²	Depreciated Value ³
W-1	NIEHOTT TANK AND BOOSTER	TANK#1	\$126,270		\$126,270	2007	12	42	\$ 36,077.14	\$ 90,192.86
W-1		BOOSTER BUILDING, PUMPS, ELECTRICAL	\$274,666		\$274,666	2007	12	44	\$ 74,908.91	
W-1	NIEHOIT TANK AND BOOSTEK	TANK .5MG #7	\$477,939		\$477,939	2007	12	42	\$ 136,554.00	
W-10		BOOSTER BUILDING PUMPS	\$50,508		\$50,508	1996	23	44	\$ 26,401.91 \$ 150.866.86	
W-10	ENIER IED I ORESI	ELECTRICAL	\$45,916		\$45,916	1996	23	7	\$ 150,866.86 \$ 18,001.16	
W-10 W-10		GENERATOR	\$34.437 \$45.916		\$34,437 \$45,916	1996 1996	23	15	\$ 70,404.53	
W-10 W-2	BROCK TANK AND PALISADES BOOSTER	TANK #3	\$376,200		\$376,200	2003	16	42.	\$ 143,314.29	
	BROCK TANK AND PALISADES BOOSTER	PALISADES BOOSTER STA. BLDG	\$57,396		\$57,396	2003	16	44	\$ 20.871.27	
	BROCK TANK AND PALISADES BOOSTER BROCK TANK AND PALISADES BOOSTER	PLIMPS	\$68.874		\$68,874	2003	16	7	\$ 157,426.29	
	BROCK TANK AND PALISADES BOOSTER	ELECTRICAL	\$80,354		\$80,354	2003	16	44	\$ 29,219.64	\$ 51,134.36
	BROCK TANK AND PALISADES BOOSTER	GENERATOR	\$68.874		\$68,874	2003	16	15	\$ 73,465.60	
	WELL #5	WELL 5 BLDG	\$74,614		\$74,614	1990	29	44	\$ 49,177.41	\$ 25,436.59
W-3	WELL #5	PUMP	\$73,467		\$73,467	1990	29	12	\$ 177,545.25	\$ -
W-3	WELL#5	CASING/HOLE	\$80,354		\$80,354	1990	29	55	\$ 42,368.47	\$ 37,985.53
W-3	WELL#5	GENERATOR	\$45,916		\$45,916	1990	29	15	\$ 88,770.93	\$ -
	WELL #5	ELECTRICAL	\$45.916		\$45,916	1990	29	44	\$ 30,262.82	\$ 15,653.18
	WELL#5	DISINFECTION	\$44,768		\$44,768	1990	29	35	\$ 37,093.49	\$ 7,674.51
	WELE IIS	WATER SOFTENING EQUIPMENT	\$306,000		\$306,000	2012	7	35	\$ 61,200.00	
	LEGENDS TANK AND WELL #0 AND LEGENDS BOOSTER	WELL 6 BLDG. #1	\$74.614		\$74.614	1996	23	44	\$ 39,002.77	
	LEGENDS TANK AND WELL #0 AND LEGENDS BOOSTER	PUMP	\$73,467		\$73,467	1996	23	12	\$ 140,811.75	
W-4		CASING/HOLE	\$80,354		\$80,354	1996	23	55	\$ 33,602.58	
W-4	LEGENDS TANK AND WELL #6 AND LEGENDS BOOSTER	GENERATOR	\$103,312		\$103,312	1996	23	15	\$ 158,411.73	
W-4		ELECTRICAL	\$45,916		\$45,916	1996	23	44	\$ 24,001.55 \$ 29,418.97	
		DISINFECTION	\$44,768		\$44,768	1996	23	35	\$ 29,418.97 \$ 36,002.32	
		LEGENDS BOOSTER BLDG.	\$68.874		\$68,874	1996	23	44	\$ 282,877.00	
W-4 W-4		PUMPS ELECTRICAL	\$86,093		\$86,093	1996	23	44	\$ 282,877.00	
W-4 W-4		TANK .5 MG #5	\$68,874		\$68,874	1996 1996	23	44	\$ 206,014.29	\$ 170,185,71
W-4 W-4	LEGENDS TANK AND WELL #6 AND LEGENDS BOOSTER LEGENDS TANK AND WELL #6 AND LEGENDS BOOSTER	WELL 6 BLDG, #2	\$376,200 \$83,640	_	\$376,200 \$83,640	1996	23	42	\$ 43,720,91	
	LEGENDS TANK AND WELL#6 AND LEGENDS BOOSTER LEGENDS TANK AND WELL#6 AND LEGENDS BOOSTER	WATER SOFTENING EQUIPMENT	\$306,000		\$306,000	2012	7	35	\$ 61,200.00	
	WELL #10	WELL 10 BLDG	\$97,517		\$97,517	2006	13	44	\$ 28,811.84	
	WELL #10	PUMP	\$43,507		\$43,507	2006	13	12	\$ 47,132,58	
		CASING/HOLE	\$59,903		\$59,903	2006	13	55	\$ 14,158.89	
		GENERATOR	\$51,437		\$51,437	2006	13	15	\$ 44,578.73	\$ 6,858.27
		ELECTRICAL	\$54,652		\$54,652	2006	13	44	\$ 16,147.18	\$ 38,504.82
		DISINFECTION	\$39,650		\$39,650	2006	13	35	\$ 14,727.14	\$ 24,922.86
W-5	WELL#10	WATER SOFTENING EQUIPMENT	\$306,000		\$306,000	2012	7	35	\$ 61,200.00	\$ 244,800.00
W-6		WELL 1 BLDG	\$74,614		\$74,614	1977	42	44	\$ 71,222.45	
	WELL #1	PUMP	\$73,467		\$73,467	1977	42	12	\$ 257,134.50	
	WELL#1	CASING/HOLE	\$80,354		\$80,354	1977	42	55	\$ 61,361.24	
	WELL #1	GENERATOR	\$45,916		\$45.916	1977	42	15	\$ 128,564.80	
	WELL III	ELECTRICAL	\$45,916		\$45,916	1977	42	44	\$ 43,828.91	
	WELL#1	DISINFECTION WATER SOFTENING EQUIPMENT	\$44,768		\$44,768	1977	42	35	\$ 53,721.60	
	WELL #1		\$306,000		\$306,000	2012	1 /	35	\$ 61,200.00 \$ 7,272.73	
		WELL - Arbors of Rockwood 500,000 GALLON WATER STORAGE TANK	\$160,000 \$606,000		\$160,000	2017 2017	1 2	44 42	\$ 28,857.14	
		BUILDING INCLUDING WATER	\$2,308,000		\$606,000 \$2,308,000	2017	1 2	42	\$ 104,909.09	\$ 2,203,090.91
	WELL#9 AND THE ARBORS TANKD AND THE ARBORS BOOSTER WELL#8 AND VIOLA LANE TANKS	WELL 8 BLDG	\$2,308,000 \$74,614		\$2,308,000	2017	16	44	\$ 27,132.36	
	WELL#8 AND VIOLA LANE TANKS WELL#8 AND VIOLA LANE TANKS	WATER SOFTENING EQUIPMENT	\$306,000		\$306,000	2003	7	35	\$ 61,200,00	
	WELL#8 AND VIOLA LANE TANKS	PUMP	\$73,467		\$73,467	2003	16	12	\$ 97,956.00	
	WELL #8 AND VIOLA LANE TANKS WELL #8 AND VIOLA LANE TANKS	CASING/HOLE	\$80,354		\$80,354	2003	16	55	\$ 23,375.71	\$ 56,978.29
	WELL #8 AND VIOLA LANE TANKS	GENERATOR	\$103,312		\$103,312	2003	16	15	\$ 110,199.47	\$ -
		ELECTRICAL	\$45,916		\$45,916	2003	16	44	\$ 16,696.73	
	WELL #8 AND VIOLA LANE TANKS	DISINFECTION	\$44,768		\$44,768	2003	16	35	\$ 20,465.37	
W-8	WELL #8 AND VIOLA LANE TANKS	HUNTERS BOOSTER BLDG	\$57,396		\$57,396	2003	16	44	\$ 20,871.27	
	WELL#8 AND VIOLA LANE TANKS	PUMPS	\$51,656		\$51,656	2003	16	7	\$ 118,070.86	
		ELECTRICAL	\$68,874		\$68,874	2003	16	44	\$ 25,045.09	
W-8	WELL #8 AND VIOLA LANE TANKS	HILLTOP BOOSTER BLDG	\$57.396		\$57,396	2003	16	44	\$ 20,871.27	
	WELL #8 AND VIOLA LANE TANKS	PUMPS	\$45,916		\$45,916	2003	16	7	\$ 104,950.86	
	WELE TO THE VIOLET ETHE THING	ELECTRICAL	\$57,396		\$57,396	2003	16	44	\$ 20,871.27 \$ 376,200.00	
	WELL #8 AND VIOLA LANE TANKS	TANK .5MG #4	\$376,200	-	\$376,200	1977	42	42		
	WEED NOTHED VIOLATED THINKS	TANK .2MG #2 TANK .5MG #6	\$286,978		\$286,978	1966	53 14	42	\$ 362,138.90 \$ 125,400.00	
		BOOSTER STATION	\$376,200		\$376,200	2005	14	42	\$ 125,400.00 \$ 35,119.64	
W-9	FORBY ROAD TANK AND BOOSTER FORBY ROAD TANK AND BOOSTER	GENERATOR STATION	\$110,376 \$44,150		\$110,376 \$44,150	2005	14	44 15	\$ 41,206.67	\$ 2,943.33
W-9										

Eureka, MO Asset Value Report Depreciated Value-Assets in Insurance List

APPRAISAL REFERENCE	CITY REFERENCE	DESCRIPTION	BUILDING 2019-20 VALUES	CONTENTS 2019-20 VALUES	TOTAL VALUE	APPROX YEAR INSTALLED	Age (2019)	Depreciation Period ¹	Depreciation ²	Depreciated Value ³
WW-1	WWTP	INFLUENT PUMP STATION	\$109.052		\$109.052	2005	14	44	\$ 34,698.36	\$ 74,353.64
	WWTP	PUMPS	\$76,336		\$76,336	2005	14	10	\$ 106,870.40	\$ -
WW-1	WWTP	SCREENING BUILDING	\$113,506		\$113,506	2005	14	44	\$ 36,115.55	\$ 77,390.45
WW-1	WWTP	SCREEN/WASHER	\$87.815		\$87.815	2005	14	22	\$ 55,882.27	\$ 31,932.73
WW-1	WWTP	ULTRA VIOLET STRUCTURE	\$212,363		\$212,363	2005	14	44	\$ 67,570.05	\$ 144,792.95
WW-1	WWTP	ELECTRICAL	\$153,246		\$153,246	2005	14	44	\$ 48,760.09	\$ 104,485.91
WW-1	WWTP	EFFLUENT PUMP STATION	\$109,052		\$109,052	2005	14	44	\$ 34,698.36	
WW-1	WWTP	PUMPS	\$53,033		\$53,033	2005	14	10	\$ 74,246.20	
WW-1	WWTP	BLOWER BLDG.	\$40,177		\$40,177	2005	14	44	\$ 12,783.59	
WW-1	WWTP	BLOWERS	\$124,307		\$124,307	2005	14	22	\$ 79,104.45	
WW-1	WWTP	ELECTRICAL	\$86,093		\$86,093	2005	14	44	\$ 27,393.23	
WW-1	WWTP	GENERATOR	\$103,312		\$103,312	2005	14	15	\$ 96,424.53	
WW-1	WWTP	LABORATORY BUILDING	\$107,904	\$22,959	\$130,863	2005	14	44	\$ 41,638.23	
WW-1	WWTP	AERATION/BAFFLES/AQUAMATS	\$573,955		\$573,955	2005	14	22	\$ 365,244.09	
WW-10	KOA CAMPGROUND LIFT STATION	S. FOX CREEK LIFT STATION/GEN BLDG.	\$179,142	\$44,150	\$223,292	1989	30	10	\$ 669,876.00	
WW-11	CAHOON LIFT STATION	LIFT STATION & BUILDING	\$2,928	\$45,916	\$48,844	1950	69	10	\$ 337,023.60	\$ -
WW-2	RANERI LIFT STATION	SEWAGE LIFT STATION	\$29,857		\$29,857	2000	19	10	\$ 56,728.30	
WW-3	STONEBRIDGE LIFT STATION	LIFT STATION	\$149,229		\$149,229	1950	69	10	\$ 1,029,680.10	\$ -
WW-4	HWY 109 LIFT STATION	LIFT STATION & GENERATOR BLDG	\$11,709	\$206,623	\$218,332	1986	33	10	\$ 720,495.60	\$ -
WW-5	NORTH STREET #1 LIFT STATION	LIFT STATION	\$25,254		\$25,254	1995	24	10	\$ 60,609.60	
WW-6	NORTH STREET #2 LIFT STATION	LIFT STATION	\$16,071		\$16,071	1995	24	10	\$ 38,570.40	
WW-7	ENDERBUSH LIFT STATION	LIFT STATION	\$34,437		\$34,437	2004	15	10	\$ 51,655.50	
WW-8	HILLTOP LIFT STATION	LIFT STATION & GENERATOR BLDG	\$5,854	\$160,707	\$166,561	1976	43	10	\$ 716,212.30	\$ -
WW-9	THE ARBORS LIFT STATION		\$350,000		\$350,000	2018	1	10	\$ 35,000.00	\$ 315,000.00
		Wastewater Subtotal	\$2.754.632	\$480.355	\$3,234,987					\$1,258,428

Note 1 - Based on Missouri PSC Rate Case Dockets WR-2015-0138 Village Greens Water Company; WR-2016-0169 Woodland Manor Water Company; WR-2015-0104 Spokane Highlands Water Company; SR-2014-0105 Terre Du Lac Utility Company; SR-2014-0068 P.C.B., Inc.; and SR-2013-0435 Rogue Creek Sewer.

Note 2 - Depreciation = Age/Depreciation Period X Estimated Installation Cost

Note 3 - Depreciated Value = Estimated Installation Cost - Depreciation

City of Eureka Parcel Data

Year Built	No. of Parcels	
0-1959	309	
1960-1969	329	
1970-1979	513	
1980-1989	279	
1990-1999	1201	
2000-2009	944	
2010-2019	350	
		Percent of Total
		Parcels
Total Number of Parcels	3925	
Total Parcels Prior to 1960	309	7.87%
Total Number of Parcels		
Prior to 1980	1151	29.32%
Total Number of Parcels		
1980 to Present	2774	70.68%

Note: Parcels with year built 0 = 940

Note: Parcels with year built from 1850-1959 = 250

Note: Parcels NOT Vacant/Agriculture w/ Year Built of 0 = 59

Parcel Year Built		Percent by Year	Rounded	Use in Calc.
Up To 1959	309	7.87%	8	10
Between 1960-1977	698	17.78%	18	20
Between 1978-1990	463	11.80%	12	10
Between 1991-1996	389	9.91%	10	10
Between 1997-2003	1261	32.13%	32	30
Between 2004-2006	279	7.11%	7	10
After 2006	526	13.40%	13	10
			100	100
	3925			

From:

Derek R Linam

Sent:

Wednesday, February 26, 2020 11:15 AM

To:

Kelly Simpson (ksimpson@flinnengineering.com)

Subject:

Eureka Parcel Analysis

Attachments:

Eureka Parcel Data.xlsx

Derek Linam, P.E.
Engineering Manager
Missouri American Water Company
derek.linam@amwater.com

P: 314-996-2456 C: 314-486-0508

City of Eureka Parcel Data

Year Built	No. of Parcels	
0-1959	309	
1960-1969	329	
1970-1979	513	
1980-1989	279	
1990-1999	1201	
2000-2009	944	
2010-2019	350	
		Percent of Total
		Parcels
Total Number of Parcels	3925	
Total Number of Parcels Total Parcels Prior to 1960	3925 309	
		Parcels
Total Parcels Prior to 1960		Parcels
Total Parcels Prior to 1960 Total Number of Parcels	309	Parcels 7.87%
Total Parcels Prior to 1960 Total Number of Parcels Prior to 1980	309	Parcels 7.87%

Note: Parcels with year built 0 = 940

Note: Parcels with year built from 1850-1959 = 250

Note: Parcels NOT Vacant/Agriculture w/ Year Built of 0 = 59

Parcel Year Built	Per	cent by Year
Up To 1959	309	7.87%
Between 1960-1977	698	17.78%
Between 1978-1990	463	11.80%
Between 1991-1996	389	9.91%
Between 1997-2003	1261	32.13%
Between 2004-2006	279	7.11%
After 2006	526	13.40%

3925

From:

Kelly Simpson <ksimpson@flinnengineering.com>

Sent:

Monday, February 10, 2020 10:13 AM

To:

Derek R Linam

Subject:

RE: Meeting Today

Attachments:

Eureka Asset Cost Estimate.xlsx

EXTERNAL EMAIL - "Think before you click!"

Derek,

I'll take a look before we meet. I attached my spreadsheet if you want to try some different percentages. They are on the "Water Main" tab and the "Sewer Tab". They both feed directly to the "Depreciation" tab so don't change any numbers on that one.

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



From: Derek R Linam < Derek.Linam@amwater.com>

Sent: Monday, February 10, 2020 10:07 AM

To: Kelly Simpson <ksimpson@flinnengineering.com>

Subject: RE: Meeting Today

Kelly,

Here is a "crude" spreadsheet I put together of parcel data, year built, that we can discuss. Thought I would send it to you to look at before our discussion. Again, just wondering how a "newer" system assumption will impact depreciated value for the water and waste water distribution and collection systems.

Thanks Derek

From: Kelly Simpson < ksimpson@flinnengineering.com >

Sent: Monday, February 10, 2020 6:59 AM

To: Derek R Linam < Derek.Linam@amwater.com>

Subject: Meeting Today

EXTERNAL EMAIL - "Think before you click!"

WA-2021-0376 MoPSC 0060 Attachment 1 Page 18 of 31

Derek,

Can we plan on discussing Eureka over the phone? I've been fighting some sinus issues and today is the worst. I'm still working all day. I would rather not be out and around people just in case it's something more than just sinus issues.

Can you create a Teams meeting or Skype or whatever you guys use? Then I could share my screen if you want to see my spreadsheet.

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



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City of Eureka Parcel Data

	Year Built	No. of Parcels	
	0-1959	309	
)	1960-1969	329	
	1970-1979	513	
	1980-1989	279	
	1990-1999	1201	
	2000-2009	944	
	2010-2019	350	
			Percent of Total
			Parcels
	Total Number of Parcels	3925	
	Total Parcels Prior to 1960	309	7.87%
	Total Number of Parcels		
	Prior to 1980	1151	29.32%
	Total Number of Parcels		
	1980 to Present	2774	70.68%

Note: Parcels with year built 0 = 940

Note: Parcels with year built from 1850-1959 = 250

Note: Parcels NOT Vacant/Agriculture w/ Year Built of 0 = 59

From:

Derek R Linam

Sent:

Monday, February 10, 2020 8:28 AM

To:

'Kelly Simpson'

Subject:

RE: Meeting Today

Kelly,

Sure, we can meet by phone. I'll try to setup a skype meeting.

Derek

From: Kelly Simpson <ksimpson@flinnengineering.com>

Sent: Monday, February 10, 2020 6:59 AM

To: Derek R Linam < Derek.Linam@amwater.com>

Subject: Meeting Today

EXTERNAL EMAIL - "Think before you click!"

Derek,

Can we plan on discussing Eureka over the phone? I've been fighting some sinus issues and today is the worst. I'm still working all day. I would rather not be out and around people just in case it's something more than just sinus issues.

Can you create a Teams meeting or Skype or whatever you guys use? Then I could share my screen if you want to see my spreadsheet.



From:

Derek R Linam

Sent:

Friday, February 7, 2020 1:53 PM

To: Subject:

'Kelly Simpson' RE: Eureka Report

Sounds good. Thanks.

From: Kelly Simpson <ksimpson@flinnengineering.com>

Sent: Friday, February 7, 2020 1:52 PM

To: Derek R Linam < Derek.Linam@amwater.com>

Subject: RE: Eureka Report

EXTERNAL EMAIL - "Think before you click!"

I'll come to your office and bring everything on my laptop. We can test various assumptions live on the spreadsheet and see what it does.

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



From: Derek R Linam < Derek.Linam@amwater.com>

Sent: Friday, February 7, 2020 12:22 PM

To: Kelly Simpson < ksimpson@flinnengineering.com>

Subject: RE: Eureka Report

Kelly,

We can probably discuss on the phone. I wanted to review the assumption that the system was 70% built by the 1950's. I pulled some statistics from parcels out of GIS and wondered how it might change the depreciated value if we use some different assumptions. I'm available at 1:30 p.m. if that works for you and we can chat via phone or if you'd like to meet in person we can do that too.

Derek

From: Kelly Simpson < ksimpson@flinnengineering.com>

Sent: Friday, February 7, 2020 11:05 AM

To: Derek R Linam < Derek.Linam@amwater.com >

Subject: Fwd: Eureka Report

From:

Derek R Linam

Sent:

Friday, February 7, 2020 1:59 PM

To:

'Kelly Simpson'

Subject:

RE: Eureka Report

Sounds good, see you then. Derek

From: Kelly Simpson <ksimpson@flinnengineering.com>

Sent: Friday, February 7, 2020 1:59 PM

To: Derek R Linam < Derek.Linam@amwater.com>

Subject: RE: Eureka Report

EXTERNAL EMAIL - "Think before you click!"

1pm works for me

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



From: Derek R Linam < Derek.Linam@amwater.com>

Sent: Friday, February 7, 2020 1:57 PM

To: Kelly Simpson < ksimpson@flinnengineering.com>

Subject: RE: Eureka Report

Also, can we meet at 1pm? IF not 1:30pm is still fine.

Derek

From: Kelly Simpson < ksimpson@flinnengineering.com>

Sent: Friday, February 7, 2020 1:52 PM

To: Derek R Linam < Derek.Linam@amwater.com>

Subject: RE: Eureka Report

EXTERNAL EMAIL - "Think before you click!"

I'll come to your office and bring everything on my laptop. We can test various assumptions live on the spreadsheet and see what it does.

Kelly Flinn-Simpson, PE, LEED® AP

Owner 618-550-8427



From: Derek R Linam < Derek.Linam@amwater.com >

Sent: Friday, February 7, 2020 12:22 PM

To: Kelly Simpson < ksimpson@flinnengineering.com >

Subject: RE: Eureka Report

Kelly,

We can probably discuss on the phone. I wanted to review the assumption that the system was 70% built by the 1950's. I pulled some statistics from parcels out of GIS and wondered how it might change the depreciated value if we use some different assumptions. I'm available at 1:30 p.m. if that works for you and we can chat via phone or if you'd like to meet in person we can do that too.

Derek

From: Kelly Simpson <ksimpson@flinnengineering.com>

Sent: Friday, February 7, 2020 11:05 AM

To: Derek R Linam < Derek.Linam@amwater.com >

Subject: Fwd: Eureka Report

EXTERNAL EMAIL - "Think before you click!"

Derek,

My lunch meeting Monday is canceled. I'm available any time Monday.

Begin forwarded message:

From: Kelly Simpson <ksimpson@flinnengineering.com>

Date: February 6, 2020 at 4:06:00 PM CST

To: Derek R Linam < Derek.Linam@amwater.com>

Subject: RE: Eureka Report

Derek,

I am available by phone Monday all morning. I'll be gone from 11:15 to 1:00, then available all afternoon. Tuesday I have a conference call from 10:00-11:00 then leaving at 2:30 for an appointment and available other than that.

If you want to meet in person, I could do that too. My availability would be a little different though. I could ditch the lunch meeting on Monday. It's just a contractor wanting to pick my brain about IL-Am.

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Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427 <image001.png>

From: Derek R Linam < Derek.Linam@amwater.com>

Sent: Thursday, February 6, 2020 3:59 PM

To: Kelly Simpson < ksimpson@flinnengineering.com >

Subject: Eureka Report

Kelly,

Do you have time to meet next Monday or Tuesday to discuss the Eureka Engineering Report?

Thanks Derek

Derek Linam, P.E.
Engineering Manager
Missouri American Water Company
derek.linam@amwater.com

P: 314-996-2456 C: 314-486-0508

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Melisha N Billups

From: Kelly Simpson <ksimpson@flinnengineering.com>

Sent: Tuesday, December 10, 2019 9:39 AM **To:** Joe Batis; Edward Dinan; Melisha N Billups

Subject: RE: Eureka

EXTERNAL EMAIL - "Think before you click!"

Joe,

This is tough to squeeze in an entire day at this time of year. The only day that I can do this is next Tuesday, December 17. I could possibly do it Monday, December 16 but I would need to be done and on the road by 1:00 pm.

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



From: Joe Batis <joe@batisappraisals.com> Sent: Tuesday, December 10, 2019 9:35 AM

To: Edward Dinan <edinan@dinanreal.com>; Kelly Simpson <ksimpson@flinnengineering.com>; Melisha N Billups

<Melisha.Billups@amwater.com>

Subject: Eureka

Hello Ed and Kelly,

I would like to set a date with Craig Sabo for The two of you to inspect the Eureka facilities. It seems like all of their information is in place and in order now so things should go smoothly. Please provide me a list of the dates that you are available over the next 7 to 10 days so I can check with Craig and get this scheduled and keep it moving forward. A prompt reply would be helpful.

Thank you again,

Joe

EDWARD J. BATIS & ASSOCIATES, INC.

Real Estate Appraisers and Consultants

Joseph E. Batis, MAI, R/W-AC

State General Certified in Illinois, Iowa, Missouri, Virginia, Tennessee, South Carolina, North Carolina

313 N. Chicago Street Joliet, Illinois 60432

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Phone (815) 726-1455 Cell (815) 545-7197 Fax (815) 846-3810

Melisha N Billups

From: Kelly Simpson <ksimpson@flinnengineering.com>

Sent: Wednesday, November 20, 2019 3:33 PM

To: Melisha N Billups; Joe Batis; Edward Dinan; Elizabeth Goodman Schneider; Jordan Leiner

Subject: RE: Eureka

EXTERNAL EMAIL - "Think before you click!"

Melisha,

You requested the asset depreciation list. They probably don't have one.

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



From: Melisha N Billups < Melisha. Billups@amwater.com>

Sent: Friday, November 15, 2019 10:36 AM

To: Kelly Simpson <ksimpson@flinnengineering.com>; Joe Batis <joe@batisappraisals.com>; Edward Dinan <edinan@dinanreal.com>; Elizabeth Goodman Schneider <goodmanappraisal@gmail.com>; Jordan Leiner

<jleiner@dinanreal.com>
Subject: RE: Eureka

Hi Kelly,

To my knowledge, this is all of the information that they have. I initially sent them the attached list. Is there anything else that you would like for me to request?

Thanks, Melisha Billups

o: 314.996.2245 | i: 7.400.2245

c: 314.896.4080

From: Kelly Simpson < ksimpson@flinnengineering.com >

Sent: Friday, November 15, 2019 9:59 AM

To: Joe Batis < joe@batisappraisals.com >; Edward Dinan < edinan@dinanreal.com >; Elizabeth Goodman Schneider

<goodmanappraisal@gmail.com>; Jordan Leiner <jleiner@dinanreal.com>

Cc: Melisha N Billups < Melisha. Billups@amwater.com >

Subject: RE: Eureka

EXTERNAL EMAIL - "Think before you click!"

That's a lot of info to sift through. I didn't see an asset/depreciation list. I saw an insurance asset list which is a start.

I am available for another site visit on the following days

11/21, 11/22, 11/25, 12/2, 12/4, 12/5, 12/6

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



From: Joe Batis < joe@batisappraisals.com > Sent: Wednesday, November 13, 2019 1:51 PM

To: Edward Dinan <edinan@dinanreal.com>; Elizabeth Goodman AQUA <goodmanappraisal@gmail.com>; Jordan

Leiner <<u>ileiner@dinanreal.com</u>>; Kelly Simpson <<u>ksimpson@flinnengineering.com</u>>

Cc: Melisha N Billups < Melisha.Billups@amwater.com >

Subject: Re: Eureka

Hello just checking in with everyone to see if you had a chance to review any of the documents yet and if you can send me an email about your availability to reinspect Eureka so we can get this report finished in the next few weeks for The client. Elizabeth – I recall that you are fine with your inspections and you do not need to come back for a second trip.

On Tue, Nov 5, 2019 at 10:03 AM Joe Batis < joe@batisappraisals.com> wrote:

Good Morning,

I've invited you all (by email/link) to a Google Drive folder that includes all of the files provided by Eureka. Please review -- we need to set a schedule with the client for getting back on this project and providing an estimated delivery date.

Thank you,

Joe

EDWARD J. BATIS & ASSOCIATES, INC.

Real Estate Appraisers and Consultants

Joseph E. Batis, MAI, R/W-AC

State General Certified in Illinois, Iowa, Missouri, Virginia, Tennessee, South Carolina, North Carolina

313 N. Chicago Street Joliet, Illinois 60432 Phone (815) 726-1455 Cell (815) 545-7197 Fax (815) 846-3810

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Brian W LaGrand

From: Derek R Linam

Sent: Wednesday, May 5, 2021 1:25 PM

To: Brian W LaGrand

Subject: FW: Eureka Revised Report

Attachments: Eureka Report.pdf; App E - PSC Depreciation Rate Schedules.pdf; App A-Insurance Asset List.pdf; App

B-MDNR 2019-census.pdf; App C-MDNR WWTP Op Permit.pdf; App D-Depreciation Calc.pdf

Brian,

Here are the .pdf files from Flinn Engineering. Not sure that you need the Appendix docs to go with it, but she sent everything. The report was dated March 16 as the header indicated.

Derek

From: Kelly Simpson <ksimpson@flinnengineering.com>

Sent: Wednesday, May 5, 2021 12:44 PM

To: Derek R Linam < Derek.Linam@amwater.com>

Subject: FW: Eureka Revised Report

EXTERNAL EMAIL: The Actual Sender of this email is ksimpson@flinnengineering.com "Think before you click!".

Kelly Flinn-Simpson, PE, LEED® AP Owner 618-550-8427



From: Kelly Simpson

Sent: Monday, March 16, 2020 2:41 PM **To:** Joe Batis < <u>joe@batisappraisals.com</u>>

Subject: Eureka Revised Report

Joe,

The revised report for Eureka is attached. The summary I sent to you 2 weeks ago was incorrect. I didn't update the age of the hydrants, services, manholes, and laterals. Here is a summary of what changed.

The estimated depreciation value of the buried infrastructure (water distribution and sewer collection systems) was based on an assumption of the age of the assets. I was able to get GIS data from the St. Louis County GIS parcel data which shows the date buildings were built. This significantly increased the estimated depreciation value of the assets.

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In the report, I changed:

- Tables 4, 7, and 9
- The description of the assumption of age under Water Distribution System and Sewer Collection System
- Appendix D

If you ask MO-Am for an amendment to revise the report, I have \$550 in extra time revising my part. If you don't want to ask for an amendment, I'm ok with that too. Please let me know if you have any questions.

