

**AGENDA**  
**WYOMING CITY COUNCIL MEETING**  
**CITY COUNCIL CHAMBERS**  
**MONDAY, MARCH 19, 2018, 7:00 P.M.**

**1) Call to Order**

**2) Invocation** – Pastor Chris Hall, Elevation Church

*If you wish and are able, please stand for the invocation. The Pledge of Allegiance will immediately follow the invocation.*

**3) Pledge of Allegiance**

**4) Roll Call**

**5) Student Recognition**

**6) Approval of Minutes**

From the March 5, 2018 Regular Meeting and the March 12, 2018 Work Session

**7) Approval of Agenda**

**8) Public Hearings**

*If you wish to speak to an item during a public hearing you are welcome to do so. It is important to note this is not an opportunity for dialog or debate; this is an opportunity to provide comment to the City Council. Comments made during a public hearing may become part of the meeting's permanent record. Upon approaching the podium, please begin by providing your name and address. There is a 3 minute limit per person.*

**7:01 p.m.** To Confirm Special Assessment Roll 18-801 for 56<sup>th</sup> Street Improvements from Byron Center Avenue to Ivanrest Avenue

**7:02 p.m.** To Determine the Necessity of Providing an Aerial Insecticide Spray for a Gypsy Moth Suppression Program, Special Assessment Roll 18-802

**7:03 p.m.** To Determine the Necessity of Providing an Aerial Insecticide Spray for a Gypsy Moth Suppression Program, Special Assessment Roll 18-803

**9) Public Comment on Agenda Items**

*This public comment period is reserved for comment on agenda items only. If you wish to speak about an item that is not on the agenda, please hold your comments until the acknowledgement of visitors at the end of the meeting. It is important to note this is not an opportunity for dialog or debate; this is an opportunity to provide comment to the City Council. Upon approaching the podium, please begin by providing your name and address. There is a 3 minute limit per person.*

**10) Presentations and Proclamations**

a) Presentations

1. Citizen Recognition by Department of Public Safety
2. Birgit Klohs, The Right Place, Inc.

b) Proclamations

**11) Petitions and Communications**

a) Petitions

b) Communications

1. Letter of Opposition to Special Assessment 18-801 from Brian and Abigail Matzke

**12) Reports from City Officers**

- a) From City Council
- b) From City Manager
  - 18-02 Acceptance of a Warranty Deed and Temporary Permit for Construction for 289 – 54<sup>th</sup> Street, SW (Aldi Inc. - Michigan)

**13) Budget Amendments**

**14) Consent Agenda**

*All items under this section are considered to be routine and will be enacted by one motion with no discussion. If discussion is desired by a Councilmember, that member may request removal from the Consent Agenda.*

- a) To Set a Time and Place for a Public Hearing to Confirm the Necessity of Providing an Aerial Insecticide Spray for a Gypsy Moth Suppression Program, Special Assessment Roll 18-802 (April 2, 2018 at 7:02 p.m.)
- b) To Set a Time and Place for a Public Hearing to Confirm the Necessity of Providing an Aerial Insecticide Spray for a Gypsy Moth Suppression Program, Special Assessment Roll 18-803 (April 2, 2018 at 7:03 p.m.)

**15) Resolutions**

- c) To Confirm the Special Assessment Roll for the 56<sup>th</sup> Street Improvements from Byron Center Avenue to Ivanrest Avenue, Special Assessment Roll 18-801
- d) To Authorize the Mayor and City Clerk to Execute a Restrictive Covenant with DO-BE, LLC, for the Property Located at 2531 – 56<sup>th</sup> Street, SW
- e) To Authorize the Mayor and City Clerk to Execute a Restrictive Covenant with the Elizabeth A. Mingerink Trust for the Property Located at 2541 – 56<sup>th</sup> Street, SW
- f) To Declare the Necessity of Establishing a Special Assessment District for the Purpose of Providing Aerial Insecticide Spray for a Gypsy Moth Suppression Program, Special Assessment Roll 18-802
- g) To Declare the Necessity of Establishing a Special Assessment District for the Purpose of Providing Aerial Insecticide Spray for a Gypsy Moth Suppression Program, Special Assessment Roll 18-803
- h) To Approve Amendment 40 in the Articles of Incorporation of Grand Valley Metropolitan Council
- i) To Approve the Attached Application for Waiver and Plan as Shown on Michigan Department of Treasury Form 5584

**16) Award of Bids, Contracts, Purchases, and Renewal of Bids and Contracts**

- j) To Accept a Proposal for Aerial Insecticide Spraying Services and to Authorize the Mayor and City Clerk to Execute an Agreement for Gypsy Moth Suppression Services
- k) To Authorize the Mayor and City Clerk to Execute an Amendment to the Streetlighting Contract with Consumers Energy Company
- l) To Accept Amendment Number One from Donohue & Associates, Inc. for Aeration Basin Improvements and to Authorize the Mayor and City Clerk to Execute the Amendment
- m) To Accept a Proposal from Fishbeck, Thompson, Carr and Huber, Inc. for an HVAC Systems Study and to Authorize the Mayor and City Clerk to Execute the Agreement
- n) To Accept an Agreement for MSDS Online Cloud Based SDS Service (Budget Amendment No. 55)

- o) To Accept a Quote for the Purchase of Cisco Network Switches
- p) To Authorize the Purchase of Cisco Meraki Network Infrastructure Equipment
- q) To Renew Software/Hardware Maintenance Agreements
- r) To Authorize the Purchase of Five Watchguard Firewalls
- s) For Award of Bids
  - 1. Brass Water Service & Meter Installation Materials & Meter Mountings
  - 2. Hach DR6000 Spectrophotometer
  - 3. Flow Injection Atomic Absorption Mercury Analyzer
  - 4. Shredded Bark

**17) Ordinances**

- 2-18 To Amend Section 10-179(4)(g) and to Add Section 10-179(4)(h) to the Code of the City of Wyoming (Rental Inspection Fees) (Final Reading)
- 6-18 To Add Section 90-331 to the Code of the City of Wyoming Entitled “Short Term Rentals” (First Reading)

**18) Informational Material**

**19) Acknowledgment of Visitors**

*This public comment period is an opportunity to share concerns or present topics to the City Council that were not part of this meeting’s agenda. This is not an opportunity for dialog with Council, but Council may make referrals or request staff to follow up. Please provide your name and address when approaching the podium. There is a 3 minute limit per person.*

**20) Closed Session** (as necessary)

**21) Adjournment**

**Results From: Department Contact/Comment Form**

<b>Submitted By:</b>	Unauthenticated User IP: [REDACTED]
<b>First Name:</b>	Brian and Abigail
<b>Last Name:</b>	Matzke
<b>Department or Service:</b>	City Clerk

**Comments:**

Kelli, Here is the letter that we are sending in protest and in lieu of us being able to attend the meeting. Can you please confirm receipt of this email? Thanks, Dear Kelli, We are writing to you as the City Clerk as just yesterday, we received notice of the Special Assessment Hearing that is to take place in just six days on March 5. As active community members that have gone to four different hearings on this project, we were expecting a notice, but were hoping to have more time to adjust our schedules. Since both our kids have events on Monday, March 5 that begin at 7 PM, it is very unlikely that we will be able to make this meeting. Thus we share this note that we wish to be entered into the record in our absence. As previously mentioned, we have been to all the meetings regarding the expansion of 56th street and have gotten to know the city engineer and Mr. Dooley a little as we have learned and asked many questions about the project. We do understand the need as articulated to make the road three lanes with a center turn lane in order to eventually get a stop light at the corner of Ivanrest and 56th Street. As landowners that purchased a corner lot, much because we love to see green, we were very, very disappointed to see that there was going to be a very redundant sidewalk put in on the south side of 56th street. Our family walks a ton, and never have we seen the need for a sidewalk on the south side of the street. There is a back side walk that connects Bayberry Farms and the senior center to commerce about 7-10 houses down that the neighborhood uses. We have often walked this sidewalk to go to the senior center for Halloween Parties, to CVS, to McDonalds, Chubby's, Pizza Hut, Huntington, etc. It would be expected that the neighborhood would continue to use this path as there are only a handful of houses that are closer to 56th street than to this walkway. We can also say as the corner house of 56th and Bayberry Farms, that we do not see the sidewalk on the north end of the street as being very crowded. This, plus the fact that we do not notice people cutting threw our side yard, nor footprint indicating that they have done so in the winter time, leads us to think that this south sidewalk is highly redundant. As a sustainability guru in my work life, we often talk about unnecessary concrete. Tearing up the grass in our side yard to put in a redundant sidewalk, that may aesthetically please a few because it will parallel the north side isn't something we can get behind. Furthermore, we are double whammied to find out that we supposed to help pay for this- something that will cut into property that we use, bringing people closer to our serine backyard. We do not see this as a "special benefit" to the property, but rather something we are fully against and continue to actively protest. A few years back, we planted some maturing trees along the side of the road, close to where the proposed sidewalk would be. We got a call from a neighbor while we were on vacation over the 4th of July that these four trees had been snapped by vandals. This cost us over \$800 and we lost shade that we were looking forward to in our yard. Putting a sidewalk in only gives potential for more traffic to our yard and for more vandalism to

occur to our trees and fence line. We would ask the City to take this into consideration before giving us the double whammy should the project go forward as designed (which, again, we are on record as being against the south sidewalk). We thank you for taking the time to consider the negative impact of this sidewalk and look forward to hearing back. Sincerely, Brian and Abigail Matzke 5612 Bayberry Farms Dr. Wyoming, MI 49418

# City of **Wyoming** Michigan

**City Manager** | 1155 28th St SW, Wyoming, MI 49509  
616.530.7272 | Fax 616.261.7103 | wyomingmi.gov

March 19, 2018

Wyoming City Council  
Wyoming, Michigan

City Manager's Report No. 18-02

**Subject:** Acceptance of a Warranty Deed and Temporary Permit for Construction for  
289 – 54<sup>th</sup> Street, SW (Aldi Inc. – Michigan)

Councilmembers:

Aldi Inc. (Michigan), owner of 289 – 54<sup>th</sup> Street, SW, has submitted the following described Warranty Deed and Temporary Permit. The Warranty Deed conveys property to the City of Wyoming for the additional street width required to widen 54<sup>th</sup> Street to six lanes. The Temporary Permit will allow additional access for construction and grading purposes. The Warranty Deed and Temporary Permit areas are shown on the attached Estimate of Just Compensation drawing. Both acquisitions are necessary as part of the construction of a third westbound lane on 54<sup>th</sup> Street from Haughey Avenue to US-131. Project to be completed in 2019.

Grantor:	Aldi Inc. (Michigan)
Parent Parcel:	41-17-36-201-032
Right-of-way Size	1,341 sf – Warranty Deed 1,742 sf – Temporary Permit
Consideration:	\$9,849

It is recommended that the City Council accept the attached Warranty Deed and the Temporary Permit which have been approved as to form by the City Attorney.

Respectfully submitted,



Curtis L. Holt  
City Manager

Attachments: Warranty Deed  
Temporary Permit  
Estimate of Just Compensation



CITY COUNCIL

Bill VerHulst   Dan Burrill   Kent Vanderwood   Marissa Postler   Robert Postema   Sam Bolt

**Jack A. Poll, Mayor**

WARRANTY DEED

The Grantor, Aldi Inc. (Michigan), a Michigan corporation, whose address is 2625 N. Stockbridge Road, Webberville, MI 48892

DOES HEREBY CONVEY AND WARRANT TO

City of Wyoming, a Michigan Municipal Corporation whose address is 1155 28th Street SW, Wyoming, Michigan 49509, the real property located in the City of Wyoming, County of Kent, and State of Michigan, known and described as follows:

See Exhibit "A" attached hereto for Warranty Deed Area and Warranty Deed Legal Description (A Portion of Parcel No. 41-17-36-201-032)

for the full consideration of Eight Thousand Seven Hundred Seventeen Dollars and No Cents (\$8,717.00)

This Warranty Deed is given to convey land for Public Right-of-Way, and is subject to easements and restrictions of record.

This property may be located within the vicinity of farmland or a farm operation. Generally accepted agricultural and management practices which may generate noise, dust, odors, and other associated conditions may be used and are protected by the Michigan Right to Farm Act.

The Grantor grants to the City of Wyoming the right to make zero (0) divisions under Section 108 of the Land Division Act, Act No. 288, of the Public Acts of 1967.

DATED: 3/7/18

Approved as a form:

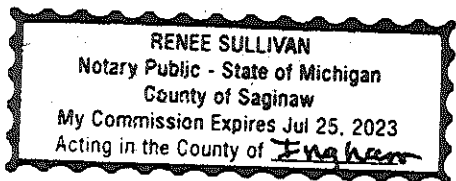
[Signature]
Attorney for the City of Wyoming

GRANTOR:
Aldi Inc. (Michigan), a Michigan corporation

[Signature]
By: Ryan Fritsch
Its: v.p.

STATE OF MICHIGAN )
SS
COUNTY OF Ingham )

The foregoing instrument was acknowledged before me in Ingham County, Michigan on this 19th day of February, 2018, by Ryan Fritsch, the Vice President of Aldi Inc. (Michigan), a Michigan corporation.



[Signature]
Notary Public
Saginaw County, Michigan
Acting in Ingham County, Michigan
My Commission Expires: 7-25-23

Prepared by and after recording return to:
Deborah S. Poeder
Land Matters, LLC
O-11230 Tallmadge Woods Drive
Grand Rapids, Michigan 49534

Legal Description prepared by:
Michael Manning, P.S.
Meyers, Bueche & Nies, Inc.
1638 Leonard Street, NW
Grand Rapids, Michigan 49504

S87°42'06"E  
690.07'

EXHIBIT A

DATE: 11-17-17

PROJECT NO: 17006 ALDI

N. 1/4 COR  
SEC. 36,  
T6N, R12W

N. LINE, NE 1/4 SEC. 36

**WARRANTY DEED DESCRIPTION:** THAT PART OF THE NORTHEAST 1/4 OF SECTION 36, TOWN 6 NORTH, RANGE 12 WEST, CITY OF WYOMING, KENT COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH 1/4 CORNER OF SECTION 36; THENCE S87°42'06"E 690.07 FEET ALONG THE NORTH LINE OF SAID NORTHEAST 1/4; THENCE S00°34'23"E 1272.34 FEET TO THE POINT OF BEGINNING; THENCE S87°52'39"E 268.25 FEET; THENCE S00°34'23"E 5.00 FEET TO THE NORTH RIGHT OF WAY LINE OF 54TH STREET; THENCE N87°52'39"W 268.25 FEET ALONG SAID NORTH RIGHT OF WAY LINE; THENCE N00°34'23"W 5.00 FEET TO THE POINT OF BEGINNING.

← SHARED DRIVEWAY EASEMENT  
PER LIBER 5177, PAGE 665

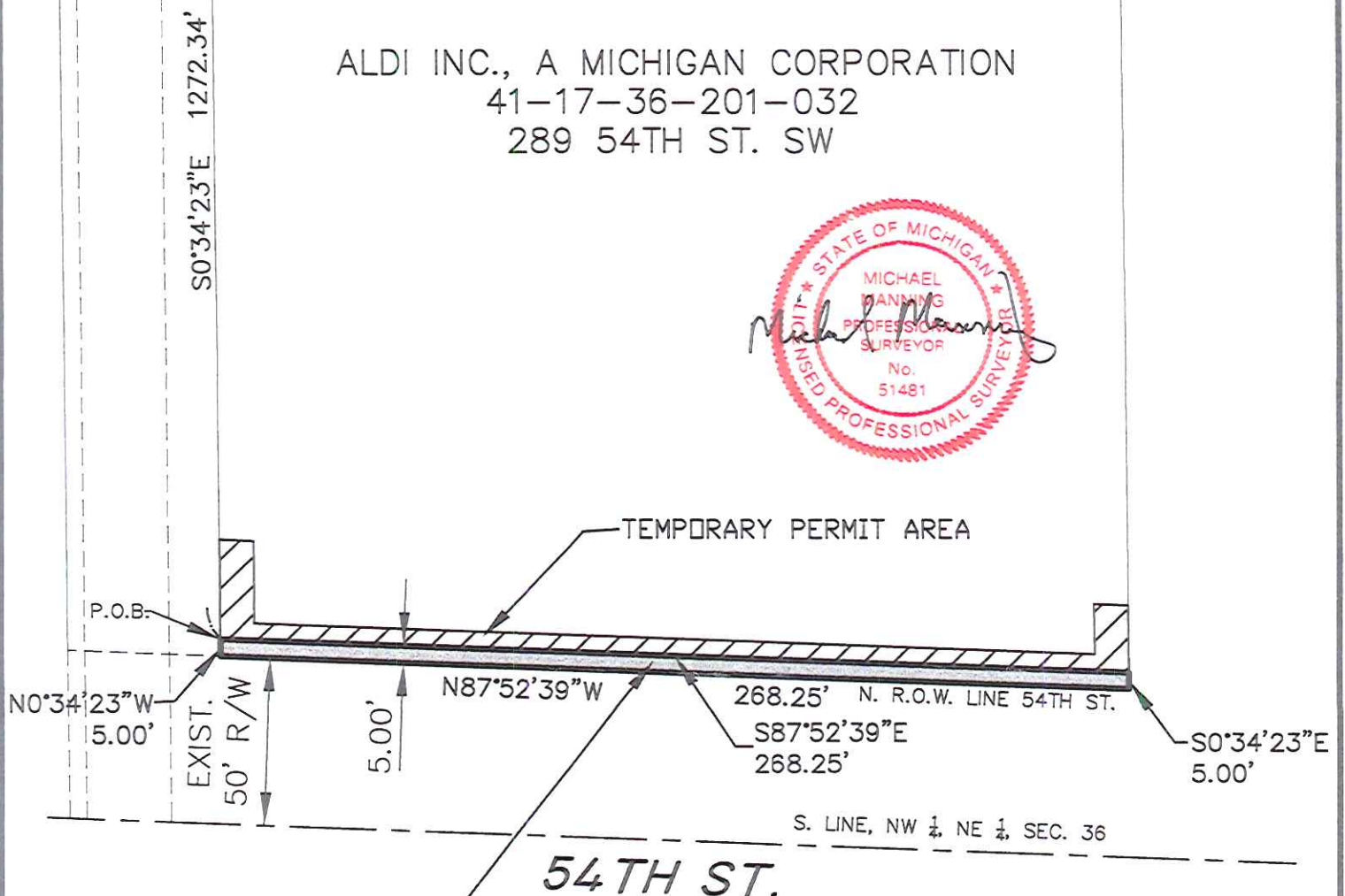
← 30' EASEMENT  
PER LIBER 1881, PAGE 249

← 5' WIDE CITY OF WYOMING  
EASEMENT FOR CONSTRUCTION  
AND MAINTENANCE OF WATERMAINS  
LIBER 2000, PAGE 299



SCALE: 1"=50'

ALDI INC., A MICHIGAN CORPORATION  
41-17-36-201-032  
289 54TH ST. SW



WARRANTY DEED  
AREA  
1341 SQUARE FEET

NOTE: CANNOT READ DIMENSIONS OR WORDS ON COPY OF LIBER 5234, PAGE 173, EXHIBIT A-1 WHICH SHOWS THE OUT PARCEL EASEMENT AREA. SPECIFIC LOCATION CANNOT BE DETERMINED FROM LEGIBLE INFORMATION.

**mbn**

meyers, bueche & nies, inc.  
civil engineers/surveyors  
1638 leonard st nw  
grand rapids, mi 49504  
616-457-5030  
fax 616-457-8244

LEGEND

- WOOD STAKE (SET)
- IRON STAKE (SET)
- IRON STAKE (FOUND)
- FENCE
- M = MEASURED
- P = PLATTED

**CITY OF WYOMING  
TEMPORARY PERMIT  
Parcel No. 41-17-36-201-032**

The Grantor, **Aldi Inc., (Michigan)**, a Michigan corporation, whose address is 2625 N. Stockbridge Road, Webberville, MI 48892

**DOES HEREBY GRANT AND CONVEY TO:**

**CITY OF WYOMING**, a Michigan Municipal corporation, whose address is 1155 28<sup>th</sup> Street, SW, Wyoming, Michigan 49509 a Temporary Permit to change existing land contours, to remove and/or install trees and vegetation, and to construct and/or reconstruct side-slopes, service walks, sidewalks, driveways, parking lots, curb and gutter, public and private utilities, drainage facilities, lighting facilities, and other facilities as required for the 54<sup>th</sup> Street Improvement Project from Haughey Avenue to US-131 Ramp. All areas disturbed by the work in the Temporary Permit area will be properly restored. The Temporary Permit area is located on property in the City of Wyoming, County of Kent, State of Michigan, as follows:

**See Exhibit A attached hereto for the Temporary Permit Area  
and Temporary Permit Legal Description (A Portion of Parcel No. 41-17-36-201-032)**


The Temporary Permit as referenced herein is granted and conveyed for the full consideration of **One Thousand One Hundred Thirty Two Dollars and No Cents (\$1,132.00)**.

The Temporary Permit, including all rights granted or inferred, shall terminate upon completion of the 54<sup>th</sup> Street Improvement Project from Haughey Avenue to US-131 Ramp, including restoration of the Temporary Permit Area.

**IN WITNESS, WHEREOF**, the undersigned have hereunto set their hand this day and year as referenced herein.

DATED: 3/7/18


Approved as a form:

  
\_\_\_\_\_  
Attorney for the City of Wyoming

GRANTOR:

**Aldi Inc., (Michigan),  
a Michigan corporation**

  
Dir. of Real Estate

  
\_\_\_\_\_  
By: **Ryan Fritsch**  
Its: **VP**

Prepared by and return to:  
Deborah S. Poeder  
Land Matters, LLC  
O-11230 Tallmadge Woods Drive  
Grand Rapids, Michigan 49534

Legal Description prepared by:  
Michael Manning, P.S.  
Meyers, Bueche & Nies, Inc.  
1638 Leonard Street, NW  
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S87°42'06"E  
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EXHIBIT A

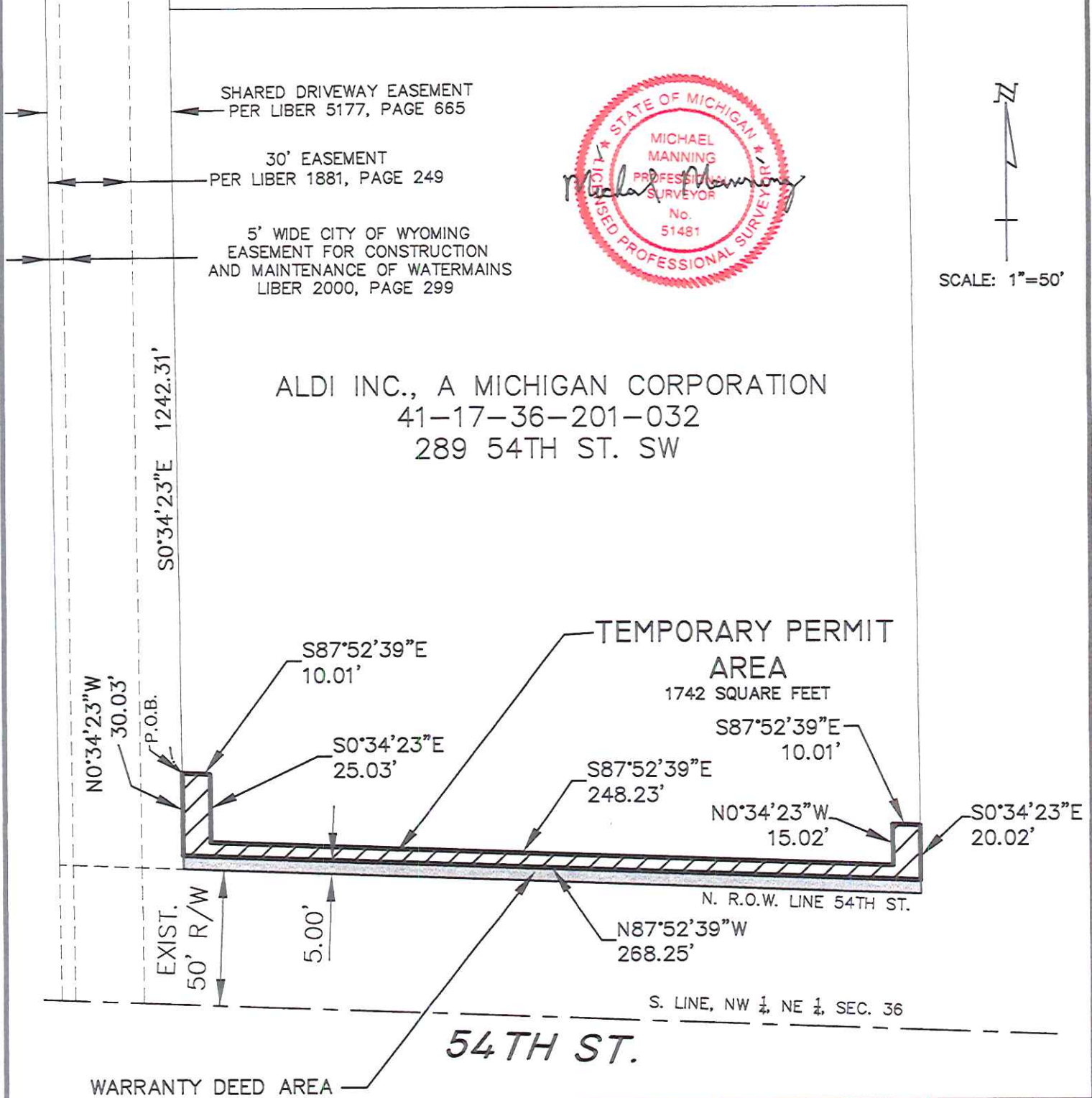
DATE: 11-17-17

PROJECT NO: 17006 ALDI

N. 1/4 COR  
SEC. 36,  
T6N, R12W

N. LINE, NE 1/4, SEC. 36

**TEMPORARY PERMIT AREA DESCRIPTION:** THAT PART OF THE NORTHEAST 1/4 OF SECTION 36, TOWN 6 NORTH, RANGE 12 WEST, CITY OF WYOMING, KENT COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH 1/4 CORNER OF SECTION 36; THENCE S87°42'06"E 690.07 FEET ALONG THE NORTH LINE OF SAID NORTHEAST 1/4; THENCE S00°34'23"E 1242.31 FEET TO THE POINT OF BEGINNING; THENCE S87°52'39"E 10.01 FEET; THENCE S00°34'23"E 25.03 FEET; THENCE S87°52'39"E 248.23 FEET; THENCE N00°34'23"W 15.02 FEET; THENCE S87°52'39"E 10.01 FEET; THENCE S00°34'23"E 20.02 FEET; THENCE N87°52'39"W 268.25 FEET; THENCE N00°34'23"W 30.03 FEET TO THE POINT OF BEGINNING.



ALDI INC., A MICHIGAN CORPORATION  
41-17-36-201-032  
289 54TH ST. SW

**mbn**  
meyers, bueche & nies, inc.  
civil engineers/surveyors  
1638 leonard st nw  
grand rapids, mi 49504  
616-457-5030  
fax 616-457-8244

LEGEND	
□	WOOD STAKE (SET)
○	IRON STAKE (SET)
●	IRON STAKE (FOUND)
—+—	FENCE
M	= MEASURED
P	= PLATTED

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# CITY OF WYOMING ESTIMATE OF JUST COMPENSATION

**PROJECT:** 54<sup>th</sup> Street Improvements, from Haughey Avenue to US-131 Ramp

<b>SITE DATA:</b>	Permanent Parcel No.: 41-17-36-201-032
Parcel: Aldi Inc. (Michigan)	Land Use: Commercial      Size: 1.970 Ac (total)
Address: 289 54 <sup>th</sup> Street SW	Zoning: 201

<p><b>ACQUISITION DESCRIPTION:</b></p> <p>Square foot values based on a limited land value study.</p> <p>Summary of Costs:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><u>Warranty Deed:</u> A rectangular piece of property located adjacent to 54<sup>th</sup> Street as shown on sketch.</p> <p style="text-align: center;">Area: 1,341 s.f.</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><u>Temporary Permit:</u> An irregular piece of property located adjacent to the Warranty Deed as shown on sketch.</p> <p style="text-align: center;">Area: 1,742 s.f.</p> </div>	<p><b>SKETCH:</b></p> <p style="text-align: right;">North ↑</p>
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<b>COMPUTATION OF VALUE:</b>			
LAND ACQUISITION, WARRANTY DEED			
1341 s.f. (Area) X \$ 6.50 / s.f.	= \$8,717.00		<b>\$ 8,717.00</b>
LAND ACQUISITION, TEMPORARY PERMIT			
1742 s.f. (Area) X \$ 6.50 / s.f. x 10% = \$1,132.00			<b>\$ 1,132.00</b>

REMARKS:

Signed: \_\_\_\_\_  
Land Matters, llc  
Deborah S. Poeder

For information call 616.791.9805

**\$ 9,849.00**

Agreed to by: \_\_\_\_\_  
Aldi Inc. (Michigan)  
By: *David Kapusansky*  
Its: *Director of Real Estate*

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO SET A TIME AND PLACE FOR A PUBLIC HEARING TO CONFIRM  
THE NECESSITY OF PROVIDING AN AERIAL INSECTICIDE SPRAY FOR A GYPSY  
MOTH SUPPRESSION PROGRAM, SPECIAL ASSESSMENT ROLL 18-802

WHEREAS:

1. The Assessor has prepared a special assessment roll for the purpose of specially assessing the cost of providing an aerial insecticide spray for a Gypsy Moth Suppression Program upon those properties specifically benefitting from this program.

NOW, THEREFORE, BE IT RESOLVED:

1. The special assessment roll shall be filed in the office of the City Clerk for public examination.
2. The City Council shall meet at Wyoming City Hall, 1155-28<sup>th</sup> Street SW, Wyoming, Michigan, on April 2, 2018, at 7:02 p.m., for the purpose of hearing all persons to be affected by the proposed public improvement (see attached list).
3. The City Clerk is directed to provide notice of the time and place of the hearing as follows:
  - a. Published once in the Grand Rapids Press, an official newspaper of the City of Wyoming, not less than five (5) days prior to the date of the hearing; and
  - b. Sent by first class mail to each owner of property subject to assessment, as shown on the general tax rolls of the City, at least ten (10) days before the time of the hearing.
4. The notice of the hearing to be published and mailed, shall be in substantially the following form:

NOTICE OF HEARING TO REVIEW AND CONFIRM  
SPECIAL ASSESSMENT ROLL 18-802  
TO THE OWNERS OF THE LOTS AND PARCELS OF LAND INCLUDED FOR  
AERIAL INSECTICIDE SPRAY FOR A GYPSY MOTH SUPPRESSION PROGRAM

The City Council intends to provide Aerial Insecticide Spray for a Gypsy Moth Suppression Program, Special Assessment 18-802. The City Council intends to defray all of the costs of the above described public improvement by special assessment of \$26.00 per parcel against the described property.

The City Council has caused plans and specifications and an estimate of the cost of the above described public improvement, together with certain recommendations, to be prepared and made by the City Manager and the same is on file with the City Clerk and available for public examination.

The City Council will meet at Wyoming City Hall, 1155-28<sup>th</sup> Street SW, Wyoming, Michigan, on April 2, 2018, at 7:02 p.m., for the purpose of hearing all persons to be affected by the proposed public improvement.

Property owners may appeal the assessment to the Michigan Tax Tribunal within 30 days after confirmation of the assessment roll. Appearance and protest at the local hearing is required in order to appeal the amount of the special assessment to the Michigan Tax Tribunal. An owner or party in interest, or his agent, may appear in person at the hearing, or may file his appearance or protest by letter and his personal appearance shall not be required.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

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Kelli A. VandenBerg, Wyoming City Clerk

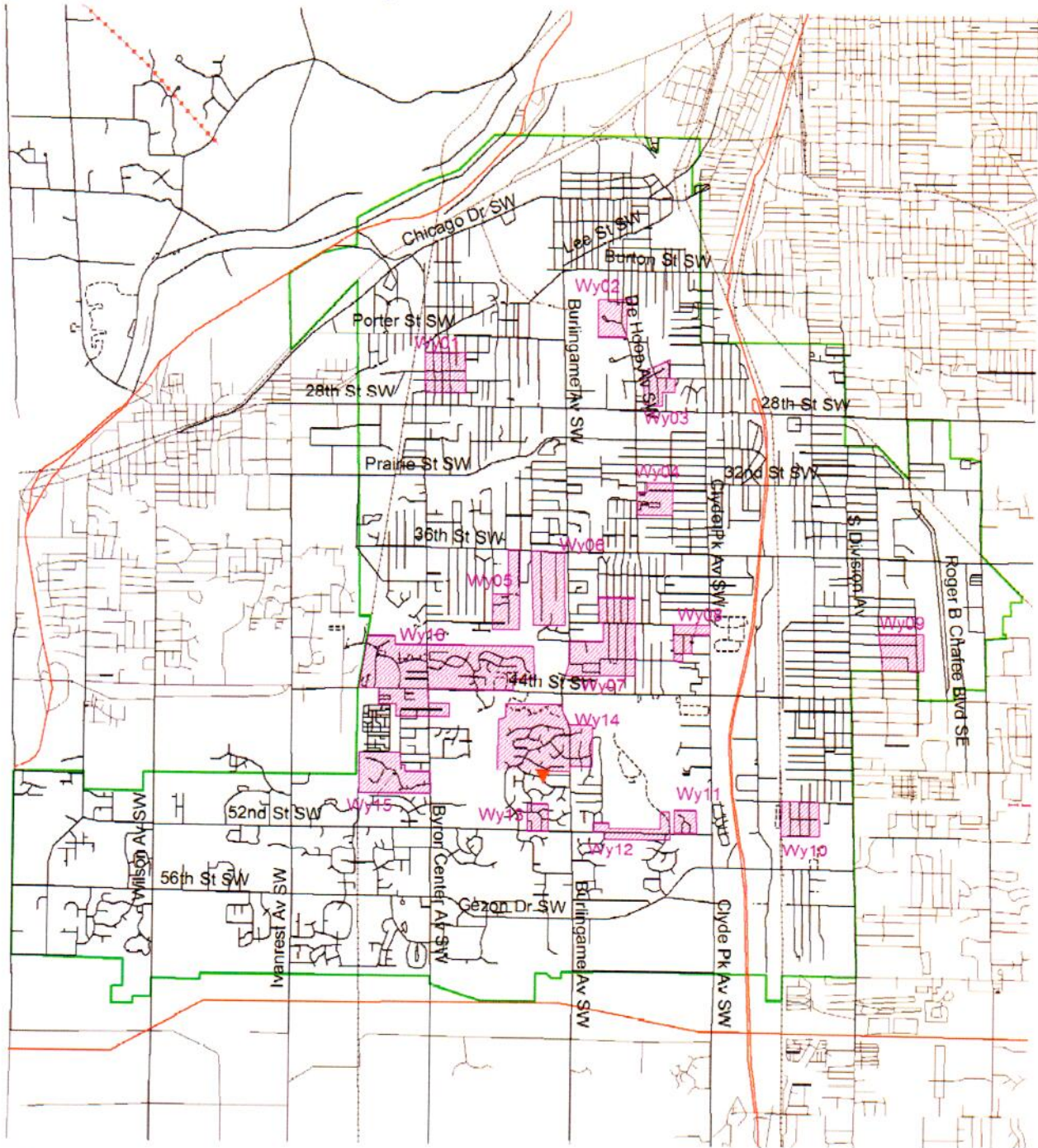
ATTACHMENTS:

Aerial Spray Map

Parcel List

Resolution No. \_\_\_\_\_

# City of Wyoming Gypsy Moth Survey Report for 2018 Season



**Shaded Areas are Recommended  
for Aerial Spray in Spring 2018**



**— City Border**  
2017 Aquatic Consulting Services

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-802

41-17-10-302-004	41-17-10-306-035	41-17-10-327-017
41-17-10-302-011	41-17-10-306-036	41-17-10-327-018
41-17-10-303-010	41-17-10-306-037	41-17-10-327-020
41-17-10-303-017	41-17-10-306-038	41-17-10-327-021
41-17-10-304-001	41-17-10-306-039	41-17-10-351-001
41-17-10-304-003	41-17-10-306-040	41-17-10-351-002
41-17-10-304-004	41-17-10-306-041	41-17-10-351-003
41-17-10-304-005	41-17-10-306-042	41-17-10-351-005
41-17-10-304-006	41-17-10-306-043	41-17-10-351-006
41-17-10-304-007	41-17-10-306-045	41-17-10-351-007
41-17-10-304-008	41-17-10-306-047	41-17-10-351-008
41-17-10-304-009	41-17-10-306-053	41-17-10-351-010
41-17-10-304-010	41-17-10-308-001	41-17-10-351-011
41-17-10-304-011	41-17-10-308-002	41-17-10-351-012
41-17-10-304-011	41-17-10-308-003	41-17-10-351-013
41-17-10-304-012	41-17-10-308-004	41-17-10-352-001
41-17-10-304-013	41-17-10-308-005	41-17-10-352-002
41-17-10-304-014	41-17-10-308-006	41-17-10-352-003
41-17-10-304-015	41-17-10-308-007	41-17-10-352-004
41-17-10-305-001	41-17-10-308-008	41-17-10-352-005
41-17-10-305-002	41-17-10-308-010	41-17-10-352-006
41-17-10-305-003	41-17-10-308-011	41-17-10-352-007
41-17-10-305-003	41-17-10-308-011	41-17-10-352-008
41-17-10-305-004	41-17-10-308-012	41-17-10-352-009
41-17-10-305-005	41-17-10-308-013	41-17-10-352-010
41-17-10-305-006	41-17-10-308-014	41-17-10-352-011
41-17-10-305-008	41-17-10-308-016	41-17-10-353-001
41-17-10-305-009	41-17-10-308-017	41-17-10-353-002
41-17-10-305-012	41-17-10-308-018	41-17-10-353-003
41-17-10-305-013	41-17-10-308-019	41-17-10-353-003
41-17-10-305-014	41-17-10-327-001	41-17-10-353-004
41-17-10-305-015	41-17-10-327-002	41-17-10-353-005
41-17-10-305-016	41-17-10-327-003	41-17-10-353-006
41-17-10-305-017	41-17-10-327-004	41-17-10-353-008
41-17-10-305-018	41-17-10-327-005	41-17-10-353-009
41-17-10-306-015	41-17-10-327-006	41-17-10-353-010
41-17-10-306-016	41-17-10-327-007	41-17-10-353-011
41-17-10-306-017	41-17-10-327-009	41-17-10-353-012
41-17-10-306-018	41-17-10-327-010	41-17-10-354-001
41-17-10-306-019	41-17-10-327-011	41-17-10-354-002
41-17-10-306-022	41-17-10-327-012	41-17-10-354-003
41-17-10-306-023	41-17-10-327-013	41-17-10-354-006
41-17-10-306-024	41-17-10-327-016	41-17-10-354-007

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41-17-10-354-008	41-17-10-358-003	41-17-11-403-021
41-17-10-354-009	41-17-10-358-004	41-17-11-403-022
41-17-10-354-010	41-17-10-358-005	41-17-11-404-001
41-17-10-354-011	41-17-10-358-006	41-17-11-404-002
41-17-10-354-012	41-17-10-358-007	41-17-11-404-003
41-17-10-354-013	41-17-10-358-008	41-17-11-404-004
41-17-10-354-014	41-17-10-358-009	41-17-11-404-005
41-17-10-355-001	41-17-10-358-010	41-17-11-404-006
41-17-10-355-002	41-17-10-358-011	41-17-11-404-007
41-17-10-355-003	41-17-10-358-012	41-17-11-404-008
41-17-10-355-004	41-17-10-358-013	41-17-11-404-009
41-17-10-355-005	41-17-10-358-014	41-17-11-404-010
41-17-10-355-006	41-17-10-358-015	41-17-11-404-011
41-17-10-355-007	41-17-10-358-016	41-17-11-451-005
41-17-10-355-008	41-17-10-358-017	41-17-11-451-009
41-17-10-355-009	41-17-10-376-001	41-17-11-451-010
41-17-10-355-010	41-17-10-376-002	41-17-11-451-011
41-17-10-355-011	41-17-10-376-003	41-17-11-451-012
41-17-10-356-001	41-17-10-376-004	41-17-11-451-013
41-17-10-356-002	41-17-10-376-005	41-17-11-451-014
41-17-10-356-003	41-17-11-127-040	41-17-11-451-015
41-17-10-356-004	41-17-11-128-022	41-17-11-451-016
41-17-10-356-005	41-17-11-128-051	41-17-11-451-017
41-17-10-356-006	41-17-11-129-039	41-17-11-451-018
41-17-10-356-007	41-17-11-129-046	41-17-11-451-027
41-17-10-356-008	41-17-11-129-048	41-17-11-452-001
41-17-10-356-009	41-17-11-131-006	41-17-11-452-002
41-17-10-356-010	41-17-11-132-007	41-17-11-452-003
41-17-10-356-011	41-17-11-402-039	41-17-11-452-004
41-17-10-357-001	41-17-11-402-041	41-17-11-452-005
41-17-10-357-002	41-17-11-402-042	41-17-11-452-006
41-17-10-357-003	41-17-11-402-043	41-17-11-452-007
41-17-10-357-005	41-17-11-402-044	41-17-11-452-008
41-17-10-357-006	41-17-11-402-045	41-17-11-452-009
41-17-10-357-007	41-17-11-403-014	41-17-11-452-010
41-17-10-357-010	41-17-11-403-015	41-17-11-452-011
41-17-10-357-011	41-17-11-403-016	41-17-11-452-011
41-17-10-357-012	41-17-11-403-017	41-17-11-452-012
41-17-10-357-013	41-17-11-403-018	41-17-11-452-013
41-17-10-357-014	41-17-11-403-019	41-17-11-452-014
41-17-10-358-001	41-17-11-403-019	41-17-11-452-016
41-17-10-358-002	41-17-11-403-020	41-17-11-452-018
		41-17-11-452-019

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41-17-11-452-020	41-17-14-401-005	41-17-14-403-002
41-17-11-452-021	41-17-14-401-009	41-17-14-403-003
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41-17-11-452-023	41-17-14-401-011	41-17-14-404-018
41-17-11-452-024	41-17-14-401-012	41-17-21-451-029
41-17-11-452-025	41-17-14-401-013	41-17-21-451-037
41-17-11-452-026	41-17-14-401-014	41-17-21-476-001
41-17-11-452-027	41-17-14-401-015	41-17-21-476-002
41-17-11-452-028	41-17-14-401-016	41-17-21-476-003
41-17-11-452-029	41-17-14-401-017	41-17-21-476-004
41-17-11-452-030	41-17-14-401-018	41-17-21-476-005
41-17-11-452-031	41-17-14-401-019	41-17-21-476-006
41-17-11-452-032	41-17-14-401-020	41-17-21-476-007
41-17-11-452-033	41-17-14-401-021	41-17-21-476-008
41-17-11-452-034	41-17-14-401-022	41-17-21-476-009
41-17-11-453-002	41-17-14-401-023	41-17-21-476-010
41-17-11-453-003	41-17-14-401-024	41-17-21-476-011
41-17-11-453-003	41-17-14-401-025	41-17-21-477-001
41-17-11-453-004	41-17-14-401-026	41-17-21-477-002
41-17-11-453-005	41-17-14-401-029	41-17-21-477-003
41-17-11-453-006	41-17-14-401-030	41-17-21-477-003
41-17-11-453-007	41-17-14-401-031	41-17-21-477-004
41-17-11-453-009	41-17-14-401-036	41-17-21-477-005
41-17-11-453-010	41-17-14-401-037	41-17-21-477-006
41-17-11-453-011	41-17-14-402-002	41-17-21-477-007
41-17-11-453-012	41-17-14-402-005	41-17-21-477-009
41-17-11-453-013	41-17-14-402-006	41-17-21-477-010
41-17-11-453-014	41-17-14-402-008	41-17-21-477-011
41-17-11-453-035	41-17-14-402-011	41-17-21-477-012
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41-17-11-476-002	41-17-14-402-014	41-17-21-477-014
41-17-11-476-011	41-17-14-402-016	41-17-21-477-015
41-17-11-476-012	41-17-14-402-017	41-17-21-477-016
41-17-11-476-013	41-17-14-402-025	41-17-21-477-017
41-17-11-476-014	41-17-14-402-027	41-17-21-477-018
41-17-11-476-016	41-17-14-402-027	41-17-21-477-019
41-17-11-476-019	41-17-14-402-028	41-17-21-477-020
41-17-11-476-041	41-17-14-402-029	41-17-21-477-021
41-17-11-476-042	41-17-14-402-032	41-17-21-477-022
41-17-14-401-001	41-17-14-402-035	41-17-21-477-023
41-17-14-401-002	41-17-14-402-036	41-17-21-478-001
41-17-14-401-003	41-17-14-402-037	41-17-21-478-002
41-17-14-401-004	41-17-14-403-001	41-17-21-478-003

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41-17-21-478-004	41-17-22-201-048	41-17-22-202-035
41-17-21-478-005	41-17-22-201-049	41-17-22-202-036
41-17-21-478-006	41-17-22-201-058	41-17-22-202-037
41-17-21-478-007	41-17-22-201-060	41-17-22-202-038
41-17-21-478-008	41-17-22-201-061	41-17-22-202-039
41-17-21-478-009	41-17-22-201-062	41-17-22-202-040
41-17-21-478-010	41-17-22-201-063	41-17-22-202-041
41-17-21-478-011	41-17-22-201-067	41-17-22-202-042
41-17-21-478-012	41-17-22-201-068	41-17-22-202-043
41-17-21-478-013	41-17-22-201-073	41-17-22-202-044
41-17-21-478-014	41-17-22-201-075	41-17-22-202-045
41-17-21-478-015	41-17-22-202-001	41-17-22-202-046
41-17-21-478-016	41-17-22-202-002	41-17-22-202-047
41-17-21-478-017	41-17-22-202-003	41-17-22-202-049
41-17-21-478-018	41-17-22-202-004	41-17-22-202-059
41-17-21-478-019	41-17-22-202-005	41-17-22-202-060
41-17-21-478-020	41-17-22-202-006	41-17-22-226-003
41-17-21-478-024	41-17-22-202-008	41-17-22-226-004
41-17-21-478-026	41-17-22-202-009	41-17-22-226-005
41-17-21-478-027	41-17-22-202-011	41-17-22-226-006
41-17-22-132-014	41-17-22-202-012	41-17-22-226-009
41-17-22-132-016	41-17-22-202-013	41-17-22-226-017
41-17-22-132-017	41-17-22-202-014	41-17-22-226-029
41-17-22-132-018	41-17-22-202-015	41-17-22-226-030
41-17-22-132-019	41-17-22-202-016	41-17-22-226-035
41-17-22-132-020	41-17-22-202-017	41-17-22-226-037
41-17-22-132-021	41-17-22-202-018	41-17-22-226-038
41-17-22-132-022	41-17-22-202-019	41-17-22-226-039
41-17-22-132-024	41-17-22-202-020	41-17-22-226-040
41-17-22-132-025	41-17-22-202-021	41-17-22-226-041
41-17-22-132-027	41-17-22-202-022	41-17-22-226-042
41-17-22-132-028	41-17-22-202-023	41-17-22-226-043
41-17-22-177-004	41-17-22-202-024	41-17-22-226-044
41-17-22-177-005	41-17-22-202-025	41-17-22-226-045
41-17-22-177-007	41-17-22-202-026	41-17-22-226-046
41-17-22-201-030	41-17-22-202-027	41-17-22-226-050
41-17-22-201-031	41-17-22-202-027	41-17-22-226-052
41-17-22-201-035	41-17-22-202-028	41-17-22-226-053
41-17-22-201-035	41-17-22-202-029	41-17-22-226-054
41-17-22-201-038	41-17-22-202-030	41-17-22-226-055
41-17-22-201-039	41-17-22-202-032	41-17-22-226-056
41-17-22-201-041	41-17-22-202-033	41-17-22-226-057
41-17-22-201-047	41-17-22-202-034	41-17-22-226-058

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41-17-22-226-059	41-17-22-227-096	41-17-22-276-005
41-17-22-226-059	41-17-22-227-099	41-17-22-276-006
41-17-22-226-060	41-17-22-227-102	41-17-22-276-007
41-17-22-227-004	41-17-22-227-999	41-17-22-276-008
41-17-22-227-005	41-17-22-228-003	41-17-22-276-009
41-17-22-227-019	41-17-22-228-010	41-17-22-276-010
41-17-22-227-020	41-17-22-228-011	41-17-22-276-011
41-17-22-227-021	41-17-22-228-011	41-17-22-276-011
41-17-22-227-026	41-17-22-228-012	41-17-22-303-003
41-17-22-227-027	41-17-22-228-017	41-17-22-303-004
41-17-22-227-028	41-17-22-228-020	41-17-22-326-004
41-17-22-227-029	41-17-22-228-025	41-17-22-326-005
41-17-22-227-030	41-17-22-228-026	41-17-22-326-006
41-17-22-227-031	41-17-22-228-027	41-17-22-328-007
41-17-22-227-032	41-17-22-228-028	41-17-22-328-008
41-17-22-227-033	41-17-22-228-029	41-17-22-328-009
41-17-22-227-034	41-17-22-228-030	41-17-22-351-001
41-17-22-227-038	41-17-22-228-044	41-17-22-351-002
41-17-22-227-041	41-17-22-228-045	41-17-22-351-003
41-17-22-227-046	41-17-22-228-050	41-17-22-351-004
41-17-22-227-047	41-17-22-228-054	41-17-22-351-005
41-17-22-227-048	41-17-22-228-055	41-17-22-351-006
41-17-22-227-049	41-17-22-228-057	41-17-22-351-007
41-17-22-227-050	41-17-22-228-058	41-17-22-351-008
41-17-22-227-051	41-17-22-228-063	41-17-22-351-010
41-17-22-227-051	41-17-22-228-067	41-17-22-351-011
41-17-22-227-060	41-17-22-228-068	41-17-22-351-012
41-17-22-227-061	41-17-22-228-076	41-17-22-351-013
41-17-22-227-062	41-17-22-228-077	41-17-22-351-014
41-17-22-227-063	41-17-22-228-092	41-17-22-351-015
41-17-22-227-064	41-17-22-228-096	41-17-22-351-016
41-17-22-227-065	41-17-22-228-097	41-17-22-351-017
41-17-22-227-066	41-17-22-228-098	41-17-22-351-018
41-17-22-227-067	41-17-22-228-099	41-17-22-351-020
41-17-22-227-070	41-17-22-228-102	41-17-22-351-021
41-17-22-227-072	41-17-22-228-103	41-17-22-351-026
41-17-22-227-076	41-17-22-228-104	41-17-22-351-027
41-17-22-227-079	41-17-22-228-105	41-17-22-352-001
41-17-22-227-082	41-17-22-251-002	41-17-22-352-002
41-17-22-227-083	41-17-22-251-015	41-17-22-352-003
41-17-22-227-086	41-17-22-276-002	41-17-22-352-004
41-17-22-227-087	41-17-22-276-003	41-17-22-352-005
41-17-22-227-089	41-17-22-276-004	41-17-22-352-007

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41-17-22-352-008	41-17-22-354-058	41-17-22-376-033
41-17-22-352-009	41-17-22-354-065	41-17-22-376-035
41-17-22-352-010	41-17-22-354-067	41-17-22-377-001
41-17-22-352-011	41-17-22-374-002	41-17-22-377-004
41-17-22-352-011	41-17-22-374-003	41-17-22-377-005
41-17-22-352-012	41-17-22-374-004	41-17-22-377-006
41-17-22-352-014	41-17-22-374-005	41-17-22-377-008
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41-17-22-354-038	41-17-22-376-027	41-17-22-379-003
41-17-22-354-050	41-17-22-376-028	41-17-22-379-004
41-17-22-354-052	41-17-22-376-029	41-17-22-379-005
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41-17-22-354-057	41-17-22-376-032	41-17-22-379-013

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41-17-22-379-015	41-17-22-382-008	41-17-22-451-029
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41-17-22-379-017	41-17-22-382-010	41-17-22-451-032
41-17-22-379-019	41-17-22-382-011	41-17-22-451-033
41-17-22-379-019	41-17-22-382-012	41-17-22-451-035
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41-17-22-379-022	41-17-22-382-015	41-17-22-451-038
41-17-22-379-023	41-17-22-382-016	41-17-22-451-039
41-17-22-379-025	41-17-22-382-017	41-17-22-451-040
41-17-22-379-026	41-17-22-382-018	41-17-22-451-041
41-17-22-379-028	41-17-22-382-019	41-17-22-451-043
41-17-22-379-029	41-17-22-401-001	41-17-22-451-044
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41-17-22-380-010	41-17-22-402-008	41-17-22-452-003
41-17-22-380-011	41-17-22-403-009	41-17-22-452-004
41-17-22-380-011	41-17-22-404-002	41-17-22-452-007
41-17-22-380-014	41-17-22-404-003	41-17-22-452-008
41-17-22-380-019	41-17-22-404-004	41-17-22-452-010
41-17-22-380-020	41-17-22-428-003	41-17-22-452-011
41-17-22-381-001	41-17-22-428-004	41-17-22-452-011
41-17-22-381-002	41-17-22-428-005	41-17-22-452-014
41-17-22-381-003	41-17-22-428-010	41-17-22-452-016
41-17-22-381-003	41-17-22-428-011	41-17-22-456-002
41-17-22-381-005	41-17-22-429-001	41-17-22-456-003
41-17-22-381-007	41-17-22-429-002	41-17-22-456-004
41-17-22-381-009	41-17-22-429-003	41-17-22-456-005
41-17-22-381-010	41-17-22-429-003	41-17-22-456-006
41-17-22-381-011	41-17-22-429-004	41-17-22-456-007
41-17-22-381-012	41-17-22-429-005	41-17-22-456-012
41-17-22-381-013	41-17-22-429-006	41-17-22-456-013
41-17-22-381-999	41-17-22-451-002	41-17-22-456-014
41-17-22-382-001	41-17-22-451-003	41-17-22-456-017
41-17-22-382-002	41-17-22-451-004	41-17-22-456-020
41-17-22-382-003	41-17-22-451-005	41-17-22-456-021
41-17-22-382-004	41-17-22-451-015	41-17-23-105-026
41-17-22-382-005	41-17-22-451-016	41-17-23-154-001
41-17-22-382-006	41-17-22-451-017	41-17-23-154-002

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41-17-23-154-003	41-17-23-176-025	41-17-23-178-013
41-17-23-154-004	41-17-23-176-026	41-17-23-178-014
41-17-23-154-005	41-17-23-176-027	41-17-23-178-020
41-17-23-154-006	41-17-23-176-028	41-17-23-178-021
41-17-23-154-007	41-17-23-176-029	41-17-23-178-022
41-17-23-154-008	41-17-23-176-031	41-17-23-178-023
41-17-23-154-009	41-17-23-176-033	41-17-23-178-024
41-17-23-154-010	41-17-23-176-034	41-17-23-178-025
41-17-23-154-011	41-17-23-177-001	41-17-23-178-026
41-17-23-154-013	41-17-23-177-002	41-17-23-178-027
41-17-23-154-014	41-17-23-177-003	41-17-23-178-027
41-17-23-154-015	41-17-23-177-003	41-17-23-178-028
41-17-23-154-016	41-17-23-177-004	41-17-23-178-033
41-17-23-154-018	41-17-23-177-005	41-17-23-178-034
41-17-23-154-019	41-17-23-177-006	41-17-23-178-035
41-17-23-154-020	41-17-23-177-008	41-17-23-178-037
41-17-23-154-023	41-17-23-177-009	41-17-23-178-038
41-17-23-154-026	41-17-23-177-010	41-17-23-178-039
41-17-23-154-027	41-17-23-177-011	41-17-23-178-040
41-17-23-154-027	41-17-23-177-012	41-17-23-179-001
41-17-23-154-028	41-17-23-177-016	41-17-23-179-002
41-17-23-154-029	41-17-23-177-017	41-17-23-179-003
41-17-23-168-007	41-17-23-177-018	41-17-23-179-006
41-17-23-168-008	41-17-23-177-019	41-17-23-179-007
41-17-23-176-001	41-17-23-177-021	41-17-23-179-010
41-17-23-176-002	41-17-23-177-022	41-17-23-179-011
41-17-23-176-003	41-17-23-177-025	41-17-23-179-012
41-17-23-176-004	41-17-23-177-026	41-17-23-179-013
41-17-23-176-005	41-17-23-177-027	41-17-23-179-017
41-17-23-176-007	41-17-23-177-028	41-17-23-179-018
41-17-23-176-008	41-17-23-177-029	41-17-23-179-019
41-17-23-176-009	41-17-23-177-030	41-17-23-179-019
41-17-23-176-011	41-17-23-177-031	41-17-23-179-021
41-17-23-176-011	41-17-23-177-032	41-17-23-179-023
41-17-23-176-014	41-17-23-177-033	41-17-23-179-025
41-17-23-176-015	41-17-23-178-002	41-17-23-179-028
41-17-23-176-017	41-17-23-178-003	41-17-23-179-029
41-17-23-176-018	41-17-23-178-004	41-17-23-179-030
41-17-23-176-019	41-17-23-178-005	41-17-23-179-031
41-17-23-176-020	41-17-23-178-008	41-17-23-179-032
41-17-23-176-021	41-17-23-178-009	41-17-23-179-033
41-17-23-176-023	41-17-23-178-010	41-17-23-179-034
41-17-23-176-024	41-17-23-178-012	41-17-23-301-005

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41-17-23-302-018	41-17-23-327-003	41-17-23-328-008
41-17-23-302-019	41-17-23-327-004	41-17-23-328-009
41-17-23-303-004	41-17-23-327-005	41-17-23-328-010
41-17-23-303-005	41-17-23-327-006	41-17-23-328-011
41-17-23-303-006	41-17-23-327-007	41-17-23-328-011
41-17-23-303-007	41-17-23-327-008	41-17-23-328-012
41-17-23-303-008	41-17-23-327-009	41-17-23-328-013
41-17-23-303-013	41-17-23-327-010	41-17-23-328-014
41-17-23-303-014	41-17-23-327-011	41-17-23-328-015
41-17-23-303-020	41-17-23-327-012	41-17-23-328-017
41-17-23-303-021	41-17-23-327-013	41-17-23-328-018
41-17-23-303-025	41-17-23-327-014	41-17-23-328-020
41-17-23-303-026	41-17-23-327-015	41-17-23-328-021
41-17-23-303-027	41-17-23-327-016	41-17-23-328-022
41-17-23-303-028	41-17-23-327-017	41-17-23-328-023
41-17-23-303-029	41-17-23-327-018	41-17-23-328-024
41-17-23-303-030	41-17-23-327-019	41-17-23-328-025
41-17-23-303-031	41-17-23-327-019	41-17-23-328-026
41-17-23-303-032	41-17-23-327-020	41-17-23-328-027
41-17-23-303-037	41-17-23-327-021	41-17-23-328-028
41-17-23-303-038	41-17-23-327-022	41-17-23-328-029
41-17-23-303-042	41-17-23-327-024	41-17-23-328-030
41-17-23-303-047	41-17-23-327-025	41-17-23-328-031
41-17-23-326-001	41-17-23-327-026	41-17-23-328-032
41-17-23-326-002	41-17-23-327-027	41-17-23-328-033
41-17-23-326-003	41-17-23-327-028	41-17-23-328-034
41-17-23-326-004	41-17-23-327-029	41-17-23-328-035
41-17-23-326-005	41-17-23-327-030	41-17-23-328-036
41-17-23-326-006	41-17-23-327-031	41-17-23-328-037
41-17-23-326-007	41-17-23-327-032	41-17-23-328-048
41-17-23-326-008	41-17-23-327-033	41-17-23-328-050
41-17-23-326-009	41-17-23-327-034	41-17-23-328-051
41-17-23-326-010	41-17-23-327-035	41-17-23-329-001
41-17-23-326-011	41-17-23-327-036	41-17-23-329-002
41-17-23-326-012	41-17-23-327-037	41-17-23-329-003
41-17-23-326-013	41-17-23-327-038	41-17-23-329-003
41-17-23-326-014	41-17-23-327-039	41-17-23-329-004
41-17-23-326-015	41-17-23-328-002	41-17-23-329-005
41-17-23-326-016	41-17-23-328-003	41-17-23-329-006
41-17-23-326-017	41-17-23-328-004	41-17-23-329-008
41-17-23-326-018	41-17-23-328-005	41-17-23-329-009
41-17-23-327-001	41-17-23-328-006	41-17-23-329-010
41-17-23-327-002	41-17-23-328-007	41-17-23-329-011

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41-17-23-329-012	41-17-23-352-005	41-17-23-354-041
41-17-23-329-013	41-17-23-352-006	41-17-23-354-042
41-17-23-329-014	41-17-23-352-007	41-17-23-377-004
41-17-23-329-015	41-17-23-352-008	41-17-23-377-005
41-17-23-329-016	41-17-23-352-009	41-17-23-377-006
41-17-23-329-017	41-17-23-352-010	41-17-23-377-008
41-17-23-329-018	41-17-23-352-011	41-17-23-377-009
41-17-23-329-019	41-17-23-352-011	41-17-23-377-010
41-17-23-329-020	41-17-23-352-012	41-17-23-377-011
41-17-23-329-022	41-17-23-352-013	41-17-23-377-012
41-17-23-329-023	41-17-23-352-014	41-17-23-377-013
41-17-23-329-024	41-17-23-352-015	41-17-23-377-014
41-17-23-329-025	41-17-23-352-017	41-17-23-378-001
41-17-23-329-026	41-17-23-352-018	41-17-23-378-002
41-17-23-329-027	41-17-23-353-001	41-17-23-378-003
41-17-23-329-028	41-17-23-353-002	41-17-23-378-004
41-17-23-329-029	41-17-23-353-003	41-17-23-378-005
41-17-23-329-030	41-17-23-353-003	41-17-23-378-006
41-17-23-329-031	41-17-23-353-004	41-17-23-378-007
41-17-23-329-032	41-17-23-353-005	41-17-23-378-008
41-17-23-329-033	41-17-23-353-006	41-17-23-378-009
41-17-23-329-034	41-17-23-353-010	41-17-23-378-010
41-17-23-329-035	41-17-23-353-011	41-17-23-378-022
41-17-23-351-002	41-17-23-353-012	41-17-23-378-023
41-17-23-351-003	41-17-23-354-003	41-17-23-378-024
41-17-23-351-004	41-17-23-354-006	41-17-23-378-025
41-17-23-351-005	41-17-23-354-007	41-17-23-378-026
41-17-23-351-006	41-17-23-354-008	41-17-23-378-027
41-17-23-351-007	41-17-23-354-009	41-17-23-378-027
41-17-23-351-008	41-17-23-354-010	41-17-23-378-028
41-17-23-351-009	41-17-23-354-011	41-17-23-378-029
41-17-23-351-010	41-17-23-354-012	41-17-23-378-030
41-17-23-351-011	41-17-23-354-013	41-17-23-404-013
41-17-23-351-012	41-17-23-354-014	41-17-23-426-001
41-17-23-351-013	41-17-23-354-015	41-17-23-426-002
41-17-23-351-015	41-17-23-354-016	41-17-23-426-003
41-17-23-351-016	41-17-23-354-017	41-17-23-426-004
41-17-23-351-017	41-17-23-354-018	41-17-23-426-005
41-17-23-351-018	41-17-23-354-019	41-17-23-426-006
41-17-23-352-001	41-17-23-354-034	41-17-23-426-007
41-17-23-352-002	41-17-23-354-037	41-17-23-426-008
41-17-23-352-003	41-17-23-354-039	41-17-23-426-009
41-17-23-352-004	41-17-23-354-040	41-17-23-426-010

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41-17-23-426-011	41-17-23-427-016	41-17-25-453-003
41-17-23-426-012	41-17-23-427-017	41-17-25-453-004
41-17-23-426-013	41-17-23-428-003	41-17-25-453-005
41-17-23-426-014	41-17-23-476-002	41-17-25-453-006
41-17-23-426-015	41-17-23-476-003	41-17-25-453-012
41-17-23-426-016	41-17-23-476-014	41-17-25-453-013
41-17-23-426-017	41-17-23-476-016	41-17-25-453-014
41-17-23-426-018	41-17-23-476-017	41-17-25-453-015
41-17-23-426-021	41-17-23-476-018	41-17-25-453-016
41-17-23-426-022	41-17-23-476-042	41-17-25-453-017
41-17-23-426-023	41-17-25-300-037	41-17-25-453-018
41-17-23-426-024	41-17-25-451-001	41-17-25-453-019
41-17-23-426-025	41-17-25-451-013	41-17-25-453-021
41-17-23-426-026	41-17-25-451-014	41-17-25-453-022
41-17-23-426-027	41-17-25-451-015	41-17-25-453-027
41-17-23-426-027	41-17-25-451-016	41-17-25-453-028
41-17-23-426-028	41-17-25-451-017	41-17-25-454-001
41-17-23-426-029	41-17-25-451-018	41-17-25-454-002
41-17-23-426-030	41-17-25-451-019	41-17-25-454-003
41-17-23-426-032	41-17-25-451-019	41-17-25-454-004
41-17-23-426-033	41-17-25-451-025	41-17-25-454-007
41-17-23-426-034	41-17-25-451-029	41-17-25-454-008
41-17-23-426-035	41-17-25-451-031	41-17-25-454-009
41-17-23-426-036	41-17-25-451-034	41-17-25-454-010
41-17-23-426-037	41-17-25-452-001	41-17-25-454-011
41-17-23-426-042	41-17-25-452-005	41-17-25-454-012
41-17-23-426-043	41-17-25-452-006	41-17-25-454-013
41-17-23-426-045	41-17-25-452-007	41-17-25-454-014
41-17-23-427-001	41-17-25-452-008	41-17-25-454-015
41-17-23-427-002	41-17-25-452-009	41-17-25-454-016
41-17-23-427-003	41-17-25-452-011	41-17-25-454-017
41-17-23-427-004	41-17-25-452-011	41-17-25-454-020
41-17-23-427-005	41-17-25-452-013	41-17-25-454-021
41-17-23-427-006	41-17-25-452-014	41-17-25-454-022
41-17-23-427-007	41-17-25-452-017	41-17-25-454-023
41-17-23-427-008	41-17-25-452-018	41-17-25-454-024
41-17-23-427-009	41-17-25-452-019	41-17-25-454-025
41-17-23-427-010	41-17-25-452-021	41-17-25-454-026
41-17-23-427-011	41-17-25-452-022	41-17-25-455-003
41-17-23-427-012	41-17-25-452-025	41-17-25-455-004
41-17-23-427-013	41-17-25-453-001	41-17-25-455-005
41-17-23-427-014	41-17-25-453-002	41-17-25-455-006
41-17-23-427-015	41-17-25-453-003	41-17-25-455-007

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41-17-25-455-008	41-17-26-151-018	41-17-26-370-032
41-17-25-455-009	41-17-26-151-019	41-17-26-370-033
41-17-25-455-010	41-17-26-151-021	41-17-26-370-034
41-17-25-455-012	41-17-26-152-001	41-17-26-370-035
41-17-25-455-015	41-17-26-152-002	41-17-26-370-036
41-17-25-455-016	41-17-26-152-003	41-17-26-370-037
41-17-25-455-017	41-17-26-152-004	41-17-26-370-038
41-17-25-455-019	41-17-26-152-005	41-17-26-370-039
41-17-25-455-020	41-17-26-152-006	41-17-26-476-011
41-17-25-455-021	41-17-26-152-007	41-17-27-101-019
41-17-25-455-024	41-17-26-152-008	41-17-27-101-022
41-17-25-455-025	41-17-26-152-009	41-17-27-101-023
41-17-25-455-026	41-17-26-152-010	41-17-27-101-027
41-17-25-455-027	41-17-26-153-001	41-17-27-110-001
41-17-25-455-028	41-17-26-153-002	41-17-27-110-002
41-17-25-455-029	41-17-26-153-003	41-17-27-110-003
41-17-25-476-007	41-17-26-154-003	41-17-27-110-004
41-17-25-476-009	41-17-26-154-004	41-17-27-110-005
41-17-25-476-010	41-17-26-154-005	41-17-27-110-006
41-17-25-476-011	41-17-26-154-008	41-17-27-110-007
41-17-25-476-019	41-17-26-154-009	41-17-27-110-008
41-17-25-476-021	41-17-26-154-010	41-17-27-110-009
41-17-25-476-022	41-17-26-154-017	41-17-27-110-010
41-17-25-476-023	41-17-26-154-018	41-17-27-110-011
41-17-25-476-026	41-17-26-154-022	41-17-27-110-012
41-17-26-101-036	41-17-26-154-023	41-17-27-110-013
41-17-26-101-038	41-17-26-154-024	41-17-27-110-014
41-17-26-101-040	41-17-26-154-025	41-17-27-110-015
41-17-26-101-041	41-17-26-154-026	41-17-27-110-016
41-17-26-101-042	41-17-26-154-027	41-17-27-110-017
41-17-26-101-043	41-17-26-155-001	41-17-27-110-018
41-17-26-101-044	41-17-26-155-002	41-17-27-226-016
41-17-26-101-045	41-17-26-155-005	41-17-27-249-001
41-17-26-101-046	41-17-26-301-001	41-17-27-249-002
41-17-26-101-047	41-17-26-301-007	41-17-27-249-003
41-17-26-101-078	41-17-26-301-009	41-17-27-249-003
41-17-26-151-006	41-17-26-301-022	41-17-27-249-004
41-17-26-151-006	41-17-26-301-023	41-17-27-249-005
41-17-26-151-013	41-17-26-301-028	41-17-27-249-006
41-17-26-151-014	41-17-26-301-029	41-17-27-249-008
41-17-26-151-015	41-17-26-301-030	41-17-27-249-009
41-17-26-151-016	41-17-26-370-013	41-17-27-249-010
41-17-26-151-017	41-17-26-370-014	41-17-27-249-011
	41-17-26-370-025	41-17-27-249-012
		41-17-27-249-013

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41-17-27-249-014	41-17-27-266-009	41-17-27-278-017
41-17-27-249-015	41-17-27-266-010	41-17-27-278-018
41-17-27-249-016	41-17-27-266-011	41-17-27-278-019
41-17-27-249-017	41-17-27-266-012	41-17-27-278-020
41-17-27-249-018	41-17-27-266-013	41-17-27-278-021
41-17-27-249-019	41-17-27-266-014	41-17-27-278-022
41-17-27-251-001	41-17-27-266-018	41-17-27-278-023
41-17-27-251-002	41-17-27-266-019	41-17-27-278-024
41-17-27-251-003	41-17-27-266-020	41-17-27-278-025
41-17-27-251-004	41-17-27-266-023	41-17-27-278-026
41-17-27-251-005	41-17-27-266-027	41-17-27-278-027
41-17-27-251-006	41-17-27-266-030	41-17-27-278-027
41-17-27-251-008	41-17-27-266-032	41-17-27-278-028
41-17-27-251-009	41-17-27-266-033	41-17-27-278-029
41-17-27-251-010	41-17-27-266-034	41-17-27-278-033
41-17-27-251-014	41-17-27-266-035	41-17-27-278-036
41-17-27-251-018	41-17-27-266-036	41-17-27-278-037
41-17-27-251-019	41-17-27-266-037	41-17-27-278-038
41-17-27-251-019	41-17-27-266-039	41-17-27-278-039
41-17-27-251-020	41-17-27-266-040	41-17-27-278-040
41-17-27-251-021	41-17-27-266-041	41-17-27-282-001
41-17-27-251-022	41-17-27-266-042	41-17-27-282-002
41-17-27-251-023	41-17-27-266-043	41-17-27-282-005
41-17-27-251-025	41-17-27-267-001	41-17-27-282-007
41-17-27-251-026	41-17-27-267-002	41-17-27-282-008
41-17-27-265-001	41-17-27-267-003	41-17-27-284-001
41-17-27-265-002	41-17-27-267-004	41-17-27-284-002
41-17-27-265-003	41-17-27-267-005	41-17-27-284-003
41-17-27-265-003	41-17-27-267-006	41-17-27-284-004
41-17-27-265-004	41-17-27-267-007	41-17-27-284-005
41-17-27-265-005	41-17-27-278-001	41-17-27-284-006
41-17-27-265-006	41-17-27-278-002	41-17-27-285-001
41-17-27-265-008	41-17-27-278-003	41-17-27-285-002
41-17-27-265-009	41-17-27-278-004	41-17-27-285-003
41-17-27-265-010	41-17-27-278-005	41-17-27-285-003
41-17-27-265-011	41-17-27-278-006	41-17-27-285-004
41-17-27-265-012	41-17-27-278-008	41-17-27-285-005
41-17-27-265-013	41-17-27-278-009	41-17-27-285-006
41-17-27-265-014	41-17-27-278-010	41-17-27-285-007
41-17-27-265-017	41-17-27-278-011	41-17-27-285-009
41-17-27-265-018	41-17-27-278-012	41-17-27-285-010
41-17-27-265-019	41-17-27-278-013	41-17-27-285-011
41-17-27-266-004	41-17-27-278-014	41-17-27-285-012
41-17-27-266-007	41-17-27-278-015	41-17-27-285-013
41-17-27-266-008	41-17-27-278-016	41-17-27-285-014

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-802

41-17-27-285-015	41-17-27-401-003	41-17-27-430-030
41-17-27-285-016	41-17-27-401-004	41-17-27-430-031
41-17-27-286-001	41-17-27-401-005	41-17-27-435-001
41-17-27-286-002	41-17-27-401-006	41-17-27-435-002
41-17-27-286-003	41-17-27-402-001	41-17-27-435-007
41-17-27-286-004	41-17-27-402-002	41-17-27-435-008
41-17-27-286-005	41-17-27-402-003	41-17-27-435-009
41-17-27-286-006	41-17-27-402-004	41-17-27-452-023
41-17-27-286-007	41-17-27-402-006	41-17-27-452-024
41-17-27-286-008	41-17-27-403-001	41-17-27-452-025
41-17-27-286-009	41-17-27-403-002	41-17-27-452-026
41-17-27-286-010	41-17-27-403-003	41-17-27-456-004
41-17-27-286-011	41-17-27-403-004	41-17-27-456-005
41-17-27-286-012	41-17-27-403-005	41-17-27-456-006
41-17-27-286-013	41-17-27-404-001	41-17-27-461-003
41-17-27-286-014	41-17-27-404-002	41-17-27-461-004
41-17-27-286-017	41-17-27-404-003	41-17-27-461-005
41-17-27-286-018	41-17-27-404-006	41-17-27-461-006
41-17-27-286-019	41-17-27-404-007	41-17-27-470-012
41-17-27-286-020	41-17-27-404-008	41-17-27-470-013
41-17-27-286-021	41-17-27-404-009	41-17-27-470-014
41-17-27-286-022	41-17-27-404-010	41-17-27-470-015
41-17-27-286-023	41-17-27-404-011	41-17-27-470-016
41-17-27-286-024	41-17-27-404-011	41-17-27-470-019
41-17-27-286-025	41-17-27-404-012	41-17-27-470-020
41-17-27-286-026	41-17-27-404-013	41-17-27-470-022
41-17-27-286-027	41-17-27-404-014	41-17-27-472-001
41-17-27-286-028	41-17-27-404-016	41-17-27-472-002
41-17-27-286-029	41-17-27-427-001	41-17-27-472-003
41-17-27-286-030	41-17-27-430-001	41-17-27-472-004
41-17-27-286-034	41-17-27-430-002	41-17-27-472-005
41-17-27-286-035	41-17-27-430-006	41-17-27-472-006
41-17-27-286-037	41-17-27-430-007	41-17-27-474-001
41-17-27-286-038	41-17-27-430-008	41-17-27-474-003
41-17-27-286-039	41-17-27-430-009	41-17-27-474-004
41-17-27-286-041	41-17-27-430-010	41-17-27-474-014
41-17-27-286-042	41-17-27-430-011	41-17-27-474-015
41-17-27-286-043	41-17-27-430-012	41-17-27-474-016
41-17-27-286-044	41-17-27-430-013	41-17-27-474-033
41-17-27-287-001	41-17-27-430-015	41-17-27-476-018
41-17-27-287-002	41-17-27-430-017	41-17-27-476-019
41-17-27-287-003	41-17-27-430-018	41-17-27-476-020
41-17-27-401-001	41-17-27-430-019	41-17-27-476-021
41-17-27-401-002	41-17-27-430-020	41-17-27-476-022
41-17-27-401-003	41-17-27-430-023	41-17-28-226-002

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-802

41-17-28-226-003	41-17-28-244-007	41-17-28-425-003
41-17-28-226-004	41-17-28-244-008	41-17-28-425-003
41-17-28-226-005	41-17-28-244-009	41-17-28-425-004
41-17-28-226-006	41-17-28-244-010	41-17-28-425-005
41-17-28-226-007	41-17-28-244-011	41-17-28-425-006
41-17-28-226-008	41-17-28-244-011	41-17-28-425-008
41-17-28-226-009	41-17-28-244-012	41-17-28-425-009
41-17-28-226-010	41-17-28-244-013	41-17-28-425-010
41-17-28-226-012	41-17-28-244-014	41-17-28-425-011
41-17-28-227-001	41-17-28-244-016	41-17-28-425-012
41-17-28-227-002	41-17-28-244-017	41-17-28-425-013
41-17-28-227-003	41-17-28-244-018	41-17-28-425-014
41-17-28-227-004	41-17-28-244-019	41-17-28-425-015
41-17-28-227-005	41-17-28-244-020	41-17-28-425-016
41-17-28-227-006	41-17-28-244-021	41-17-28-425-017
41-17-28-227-007	41-17-28-245-001	41-17-28-425-018
41-17-28-227-008	41-17-28-245-002	41-17-28-425-019
41-17-28-227-009	41-17-28-245-003	41-17-28-425-020
41-17-28-227-010	41-17-28-245-003	41-17-28-425-023
41-17-28-227-011	41-17-28-245-004	41-17-28-425-024
41-17-28-227-012	41-17-28-245-005	41-17-28-427-020
41-17-28-227-013	41-17-28-245-006	41-17-28-428-009
41-17-28-227-014	41-17-28-245-007	41-17-28-428-021
41-17-28-227-015	41-17-28-245-009	41-17-28-452-001
41-17-28-227-016	41-17-28-245-010	41-17-28-452-002
41-17-28-227-017	41-17-28-245-011	41-17-28-452-003
41-17-28-227-018	41-17-28-245-012	41-17-28-452-004
41-17-28-227-019	41-17-28-245-013	41-17-28-476-004
41-17-28-227-019	41-17-28-245-014	41-17-28-476-005
41-17-28-227-020	41-17-28-245-015	41-17-28-476-016
41-17-28-227-021	41-17-28-245-016	41-17-28-476-017
41-17-28-227-022	41-17-28-245-017	41-17-35-126-001
41-17-28-227-023	41-17-28-245-018	41-17-35-126-002
41-17-28-227-025	41-17-28-245-019	41-17-35-176-006
41-17-28-227-026	41-17-28-245-020	41-17-35-201-006
41-17-28-227-027	41-17-28-246-014	41-17-35-201-009
41-17-28-227-028	41-17-28-246-015	41-17-35-201-019
41-17-28-227-039	41-17-28-246-016	41-17-35-201-023
41-17-28-227-042	41-17-28-246-019	41-17-35-201-026
41-17-28-244-001	41-17-28-246-020	41-17-35-201-028
41-17-28-244-002	41-17-28-246-026	41-17-35-201-059
41-17-28-244-003	41-17-28-276-021	41-17-35-201-060
41-17-28-244-004	41-17-28-284-008	41-17-35-201-061
41-17-28-244-005	41-17-28-284-009	41-17-35-201-067
41-17-28-244-006	41-17-28-284-010	41-17-35-201-068

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-802

41-17-35-201-070	41-18-19-327-060	41-18-19-328-067
41-17-35-202-001	41-18-19-327-061	41-18-19-328-070
41-17-35-202-002	41-18-19-327-062	41-18-19-328-071
41-17-35-202-003	41-18-19-327-063	41-18-19-328-072
41-17-36-201-037	41-18-19-327-064	41-18-19-328-074
41-18-19-302-046	41-18-19-327-065	41-18-19-328-075
41-18-19-327-003	41-18-19-327-066	41-18-19-328-076
41-18-19-327-007	41-18-19-328-001	41-18-19-328-077
41-18-19-327-008	41-18-19-328-002	41-18-19-328-078
41-18-19-327-011	41-18-19-328-003	41-18-19-328-079
41-18-19-327-012	41-18-19-328-004	41-18-19-328-082
41-18-19-327-013	41-18-19-328-005	41-18-19-328-083
41-18-19-327-014	41-18-19-328-008	41-18-19-329-001
41-18-19-327-015	41-18-19-328-009	41-18-19-329-002
41-18-19-327-016	41-18-19-328-012	41-18-19-329-003
41-18-19-327-017	41-18-19-328-013	41-18-19-329-009
41-18-19-327-018	41-18-19-328-014	41-18-19-329-011
41-18-19-327-020	41-18-19-328-015	41-18-19-329-012
41-18-19-327-021	41-18-19-328-017	41-18-19-329-013
41-18-19-327-027	41-18-19-328-018	41-18-19-329-014
41-18-19-327-028	41-18-19-328-019	41-18-19-329-015
41-18-19-327-033	41-18-19-328-020	41-18-19-401-003
41-18-19-327-034	41-18-19-328-021	41-18-19-401-004
41-18-19-327-035	41-18-19-328-022	41-18-19-401-009
41-18-19-327-036	41-18-19-328-023	41-18-19-401-010
41-18-19-327-037	41-18-19-328-024	41-18-19-402-002
41-18-19-327-038	41-18-19-328-025	41-18-19-402-012
41-18-19-327-039	41-18-19-328-026	41-18-19-402-013
41-18-19-327-042	41-18-19-328-029	41-18-19-402-014
41-18-19-327-043	41-18-19-328-030	41-18-19-402-017
41-18-19-327-044	41-18-19-328-033	41-18-19-402-018
41-18-19-327-045	41-18-19-328-034	41-18-19-402-020
41-18-19-327-046	41-18-19-328-036	41-18-19-402-021
41-18-19-327-047	41-18-19-328-039	41-18-19-402-022
41-18-19-327-048	41-18-19-328-040	41-18-19-402-023
41-18-19-327-049	41-18-19-328-042	41-18-19-402-024
41-18-19-327-050	41-18-19-328-043	41-18-19-402-025
41-18-19-327-051	41-18-19-328-043	41-18-19-402-026
41-18-19-327-051	41-18-19-328-045	41-18-19-402-027
41-18-19-327-052	41-18-19-328-050	41-18-19-402-027
41-18-19-327-053	41-18-19-328-051	41-18-19-402-028
41-18-19-327-054	41-18-19-328-052	41-18-19-402-029
41-18-19-327-057	41-18-19-328-064	41-18-19-402-030
41-18-19-327-058	41-18-19-328-065	41-18-19-403-009
41-18-19-327-059	41-18-19-328-066	41-18-19-403-017

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO SET A TIME AND PLACE FOR A PUBLIC HEARING TO CONFIRM  
THE NECESSITY OF PROVIDING AN AERIAL INSECTICIDE SPRAY FOR A GYPSY  
MOTH SUPPRESSION PROGRAM, SPECIAL ASSESSMENT ROLL 18-803

WHEREAS:

1. The Assessor has prepared a special assessment roll for the purpose of specially assessing the cost of providing an aerial insecticide spray for a Gypsy Moth Suppression Program upon those properties specifically benefitting from this program.

NOW, THEREFORE, BE IT RESOLVED:

1. The special assessment roll shall be filed in the office of the City Clerk for public examination.
2. The City Council shall meet at Wyoming City Hall, 1155-28<sup>th</sup> Street SW, Wyoming, Michigan, on April 2, 2018, at 7:03 p.m., for the purpose of hearing all persons to be affected by the proposed public improvement (see attached list).
3. The City Clerk is directed to provide notice of the time and place of the hearing as follows:
  - a. Published once in the Grand Rapids Press, an official newspaper of the City of Wyoming, not less than five (5) days prior to the date of the hearing; and
  - b. Sent by first class mail to each owner of property subject to assessment, as shown on the general tax rolls of the City, at least ten (10) days before the time of the hearing.
4. The notice of the hearing to be published and mailed, shall be in substantially the following form:

NOTICE OF HEARING TO REVIEW AND CONFIRM  
SPECIAL ASSESSMENT ROLL 18-803  
TO THE OWNERS OF THE LOTS AND PARCELS OF LAND INCLUDED FOR  
AERIAL INSECTICIDE SPRAY FOR A GYPSY MOTH SUPPRESSION PROGRAM

The City Council intends to provide Aerial Insecticide Spray for a Gypsy Moth Suppression Program, Special Assessment 18-803. The City Council intends to defray all of the costs of the above described public improvement by special assessment of \$75.00 per treated acre against the described property.

The City Council has caused plans and specifications and an estimate of the cost of the above described public improvement, together with certain recommendations, to be prepared and made by the City Manager and the same is on file with the City Clerk and available for public examination.

The City Council will meet at Wyoming City Hall, 1155-28<sup>th</sup> Street SW, Wyoming, Michigan, on April 2, 2018, at 7:03 p.m., for the purpose of hearing all persons to be affected by the proposed public improvement.

Property owners may appeal the assessment to the Michigan Tax Tribunal within 30 days after confirmation of the assessment roll. Appearance and protest at the local hearing is required in order to appeal the amount of the special assessment to the Michigan Tax Tribunal. An owner or party in interest, or his agent, may appear in person at the hearing, or may file his appearance or protest by letter and his personal appearance shall not be required.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried        Yes  
                                     No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

---

Kelli A. VandenBerg, Wyoming City Clerk

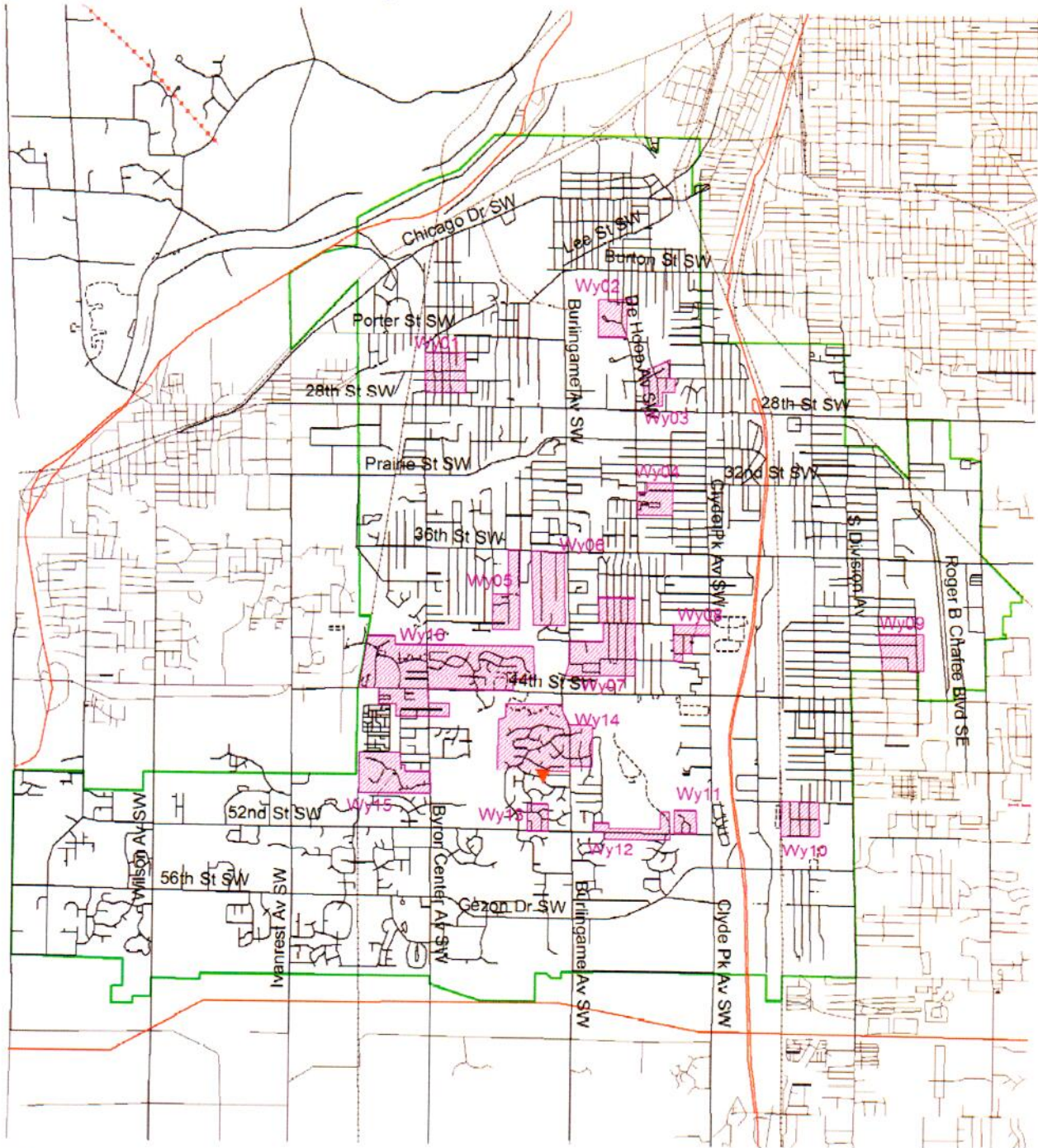
ATTACHMENTS:

Aerial Spray Map

Parcel List

Resolution No. \_\_\_\_\_

# City of Wyoming Gypsy Moth Survey Report for 2018 Season



**Shaded Areas are Recommended  
for Aerial Spray in Spring 2018**



**— City Border**  
2017 Aquatic Consulting Services

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-803

41-17-10-327-008	41-17-22-202-057	41-17-22-378-007
41-17-11-101-012	41-17-22-202-058	41-17-22-383-001
41-17-11-126-028	41-17-22-202-059	41-17-22-402-004
41-17-11-131-016	41-17-22-202-061	41-17-22-402-014
41-17-11-131-018	41-17-22-226-011	41-17-22-403-005
41-17-11-131-019	41-17-22-226-015	41-17-22-403-006
41-17-11-176-005	41-17-22-226-018	41-17-22-403-007
41-17-11-176-005	41-17-22-226-021	41-17-22-403-008
41-17-11-176-005	41-17-22-226-022	41-17-22-404-005
41-17-11-402-046	41-17-22-226-023	41-17-22-455-014
41-17-11-402-046	41-17-22-226-025	41-17-22-455-016
41-17-11-453-026	41-17-22-226-026	41-17-22-456-011
41-17-11-453-035	41-17-22-226-032	41-17-22-456-018
41-17-11-476-034	41-17-22-226-033	41-17-23-303-019
41-17-14-402-007	41-17-22-227-002	41-17-23-303-022
41-17-14-402-012	41-17-22-227-003	41-17-23-303-033
41-17-14-402-015	41-17-22-227-006	41-17-23-303-035
41-17-14-402-018	41-17-22-227-008	41-17-23-303-036
41-17-14-402-027	41-17-22-227-009	41-17-23-303-039
41-17-14-402-028	41-17-22-227-013	41-17-23-303-042
41-17-14-402-034	41-17-22-227-014	41-17-23-303-043
41-17-14-402-038	41-17-22-227-085	41-17-23-303-044
41-17-14-404-001	41-17-22-227-091	41-17-23-303-045
41-17-21-426-008	41-17-22-227-094	41-17-23-303-046
41-17-21-451-016	41-17-22-227-095	41-17-23-326-001
41-17-21-451-017	41-17-22-227-097	41-17-23-328-019
41-17-21-451-022	41-17-22-227-098	41-17-23-329-035
41-17-21-451-026	41-17-22-227-100	41-17-23-329-035
41-17-21-451-034	41-17-22-227-101	41-17-23-354-043
41-17-21-451-037	41-17-22-228-031	41-17-23-376-001
41-17-21-451-038	41-17-22-228-064	41-17-23-426-046
41-17-21-451-038	41-17-22-228-069	41-17-23-428-002
41-17-21-451-038	41-17-22-228-100	41-17-25-100-008
41-17-21-451-038	41-17-22-228-108	41-17-25-451-012
41-17-22-201-044	41-17-22-228-109	41-17-25-451-033
41-17-22-201-051	41-17-22-228-110	41-17-25-451-036
41-17-22-201-072	41-17-22-303-001	41-17-25-452-020
41-17-22-202-010	41-17-22-303-002	41-17-25-453-023
41-17-22-202-050	41-17-22-351-028	41-17-25-476-002
41-17-22-202-051	41-17-22-354-029	41-17-25-476-006
41-17-22-202-054	41-17-22-354-050	41-17-25-476-011
41-17-22-202-055	41-17-22-354-061	41-17-25-476-017
41-17-22-202-056	41-17-22-354-068	41-17-25-476-020
	41-17-22-374-012	41-17-25-476-027
		41-17-25-476-028

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-803

41-17-25-476-030	41-17-27-470-005
41-17-25-503-002	41-17-27-470-021
41-17-26-101-079	41-17-27-474-002
41-17-26-151-007	41-17-27-477-001
41-17-26-151-010	41-17-28-201-015
41-17-26-151-011	41-17-28-201-029
41-17-26-151-021	41-17-28-201-032
41-17-26-154-002	41-17-28-201-033
41-17-26-154-028	41-17-28-201-035
41-17-26-301-001	41-17-28-226-012
41-17-26-401-001	41-17-28-227-039
41-17-26-476-001	41-17-28-227-040
41-17-26-476-011	41-17-28-227-041
41-17-26-477-001	41-17-28-227-042
41-17-27-101-019	41-17-28-276-020
41-17-27-101-022	41-17-28-326-002
41-17-27-126-012	41-17-28-401-008
41-17-27-176-001	41-17-28-401-011
41-17-27-201-016	41-17-35-126-001
41-17-27-201-022	41-17-35-126-002
41-17-27-201-023	41-17-35-126-003
41-17-27-201-030	41-17-35-126-004
41-17-27-202-001	41-17-35-126-005
41-17-27-226-015	41-17-35-176-006
41-17-27-251-007	41-18-19-328-031
41-17-27-251-011	41-18-19-328-032
41-17-27-251-012	41-18-19-328-044
41-17-27-251-013	41-18-19-328-063
41-17-27-251-015	41-18-19-329-008
41-17-27-251-016	41-18-19-329-010
41-17-27-251-017	41-18-19-329-035
41-17-27-266-001	41-18-19-403-004
41-17-27-266-002	41-18-19-403-013
41-17-27-266-003	41-18-19-403-015
41-17-27-266-015	41-18-19-403-016
41-17-27-266-024	
41-17-27-266-026	
41-17-27-266-038	
41-17-27-278-041	
41-17-27-286-033	
41-17-27-300-037	
41-17-27-402-005	
41-17-27-404-017	
41-17-27-430-014	
41-17-27-430-016	

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO CONFIRM THE SPECIAL ASSESSMENT ROLL  
FOR THE 56<sup>TH</sup> STREET IMPROVEMENTS FROM BYRON CENTER AVENUE TO  
IVANREST AVENUE, SPECIAL ASSESSMENT ROLL 18-801

WHEREAS:

1. The City Council has reviewed the special assessment roll prepared for the purpose of defraying the special assessment district's share of the following described public improvements: 56<sup>th</sup> Street Improvements, from Byron Center Avenue to Ivanrest Avenue, Special Assessment Roll 18-801.
2. Following a public hearing, the Council deems the special assessment roll to be appropriate, and that the assessments in the special assessment roll are in accordance with the benefits to the parcels of land assessed.

NOW, THEREFORE, BE IT RESOLVED:

1. The special assessment roll, as prepared by the City Assessor, in the amount of **\$46,976.56** is hereby confirmed as Special Assessment Roll No. 18-801.
2. The special assessment roll shall be divided into fifteen (15) equal annual installments, the first installment to be due and payable on **October 1, 2018**, and the balance of the installments to be due and payable on the first day of October each and every year thereafter.
3. Interest shall be charged on the unpaid balance of special assessment at a rate not to exceed **Three (3.00%)** percent per annum on the installments of said special assessment and shall be payable without interest through September 30, 2018.
4. The City Clerk shall endorse the date of confirmation with said special assessment roll, and the City Treasurer shall issue an initial statement on the first day of September 2018, which statement shall include the total assessment and shall advise the property owner that they may pay in a single installment or multiple installments without interest prior to September 30, 2018. The statement shall be mailed by First Class mail to each property owner in the special assessment district as shown on the current tax assessment rolls of the City, to the address shown on the current tax assessment rolls.
5. All resolutions and parts of resolutions, insofar as they conflict with the provisions of this resolution are hereby rescinded.
6. Property owners may appeal the assessment to the Michigan Tax Tribunal within 30 days after confirmation of the assessment roll. Appearance and protest at the local hearing is required in order to appeal the amount of the special assessment to the Michigan Tax Tribunal. An owner or party in interest, or their agent, may appear in person at the hearing, or may file their appearance or protest by letter and his personal appearance shall not be required.

Moved by Councilmember:  
Seconded by Councilmember:  
Motion Carried      Yes  
                                    No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

---

Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENTS:  
Special Assessment Table

Resolution No. \_\_\_\_\_

**56<sup>th</sup> Street Improvements, from Byron Center Ave  
to Ivanrest Avenue  
Special Assessment No. 18-801**

**Parcels Numbers (Parent Parcel Number)**

41 - 17 - 33 - 301 - 024  
41 - 17 - 33 - 301 - 019  
41 - 17 - 33 - 301 - 020  
41 - 17 - 33 - 181 - 022  
41 - 17 - 33 - 181 - 023  
41 - 17 - 33 - 252 - 022  
41 - 17 - 33 - 401 - 011  
41 - 17 - 33 - 401 - 010  
41 - 17 - 33 - 402 - 001  
41 - 17 - 33 - 402 - 002  
41 - 17 - 33 - 426 - 001  
41 - 17 - 33 - 251 - 044  
41 - 17 - 33 - 276 - 039  
41 - 17 - 33 - 276 - 037  
41 - 17 - 33 - 276 - 038  
41 - 17 - 33 - 427 - 014

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO AUTHORIZE THE MAYOR AND CITY CLERK TO EXECUTE  
A RESTRICTIVE COVENANT WITH DO-BE, LLC, FOR THE PROPERTY  
LOCATED AT 2531 – 56<sup>TH</sup> STREET, SW

WHEREAS:

1. The City is in the process of improving 56<sup>th</sup> Street from Byron Center Avenue to Ivanrest Avenue.
2. DO-BE, LLC, owner of property located at 2531 – 56<sup>th</sup> Street, SW, is willing to refrain from connecting to the watermain and sanitary sewer in 56<sup>th</sup> Street for a period of 10 years in exchange for the City to not construct water services and sanitary laterals to said property.
3. It is in the best interest of the City to execute the attached Restrictive Covenant for the deletion of one water service and one sanitary lateral.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council hereby authorizes the Major and City Clerk to execute the attached Restrictive Covenant with DO-BE, LLC.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried      Yes  
                                    No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENT:  
Restrictive Covenant

**RESTRICTIVE COVENANT**

THIS COVENANT made this \_\_\_\_\_ day of \_\_\_\_\_ by and between **DO-BE, LLC** whose address is 2541 56<sup>th</sup> Street SW, Wyoming MI, 49519, hereinafter referred to as "Owner," and the **City of Wyoming**, a Michigan Municipal Corporation of 1155-28th Street SW, Wyoming, Michigan 49509 hereinafter referred to as the "City."

WHEREAS, the City is contemplating the improvements in 56<sup>th</sup> Street from Byron Center Avenue to Ivanrest Avenue, and

WHEREAS, the Owner has fee title to the property described as follows:

S 264 FT OF E 165 FT OF W 578 FT OF SE 1/4 NE 1/4 EX S 40 FT \* SEC 33 T6N R12W 0.85 A.; and


WHEREAS, the Owner has requested that one 6" sanitary lateral and one 1" water service be deleted from the Special Assessment Roll SA 18-801; now, therefore,

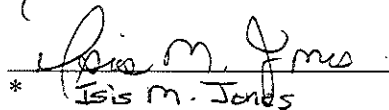
The parties agree to the following:

1. The City will delete one 6" sanitary lateral and one 1" water service from the 56<sup>th</sup> Street Special Assessment Roll SA 18-801.
2. It is understood and agreed that no additional water service connections to the water main and no additional sanitary sewer connections to the sanitary sewer main will be allowed along 56<sup>th</sup> Street to service the above described property.
3. This Covenant shall be in effect for 10 years from the above date and shall be binding on the Owner, their heirs, successors and assigns. After said 10 years, the Owner, their heirs, successors and assigns shall be responsible for all costs for making additional connections to the water main and sanitary sewer in 56<sup>th</sup> Street.

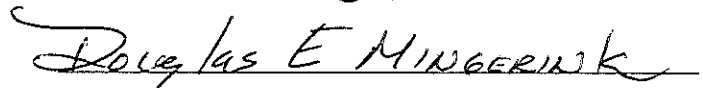
WITNESSES FOR OWNER:

OWNER DO-BE, LLC

  
\* Nicole Crandell

  
\* Isis M. Jones

  
Douglas E. Mingerink, Member



\* Print or type name beneath signature line.

WITNESSES FOR CITY:

CITY OF WYOMING

\_\_\_\_\_  
\*

By \_\_\_\_\_  
Jack A. Poll, its Mayor

\_\_\_\_\_  
\*

By \_\_\_\_\_  
Kelli, A. VandenBerg, its City Clerk

STATE OF MICHIGAN

COUNTY OF KENT

On March 12, 2018 before me, a Notary Public, in and for said County, personally appeared, Douglas E. Mingerink, authorized member of DO-BE, LLC, a Michigan Limited Liability Company to me known to be the same person described in and who executed the within instrument, who acknowledged the same to be the free act and deed of said company.

Nicole Crandell  
\* Nicole Crandell Notary Public,  
Kent County, Michigan

Commission expires: 5/7/2022

\* Print or type name beneath signature line.

STATE OF MICHIGAN

COUNTY OF KENT

On \_\_\_\_\_ before me, a Notary Public, in and for said County, personally appeared by **Jack A. Poll** and **Kelli A. VandenBerg** to me personally known, as the **Mayor** and **City Clerk** of the **City of Wyoming**, a Michigan corporation, on behalf of the corporation by authority of its City Council.

\_\_\_\_\_  
\* \_\_\_\_\_ Notary Public,  
\_\_\_\_\_ County, Michigan

Commission expires: \_\_\_\_\_

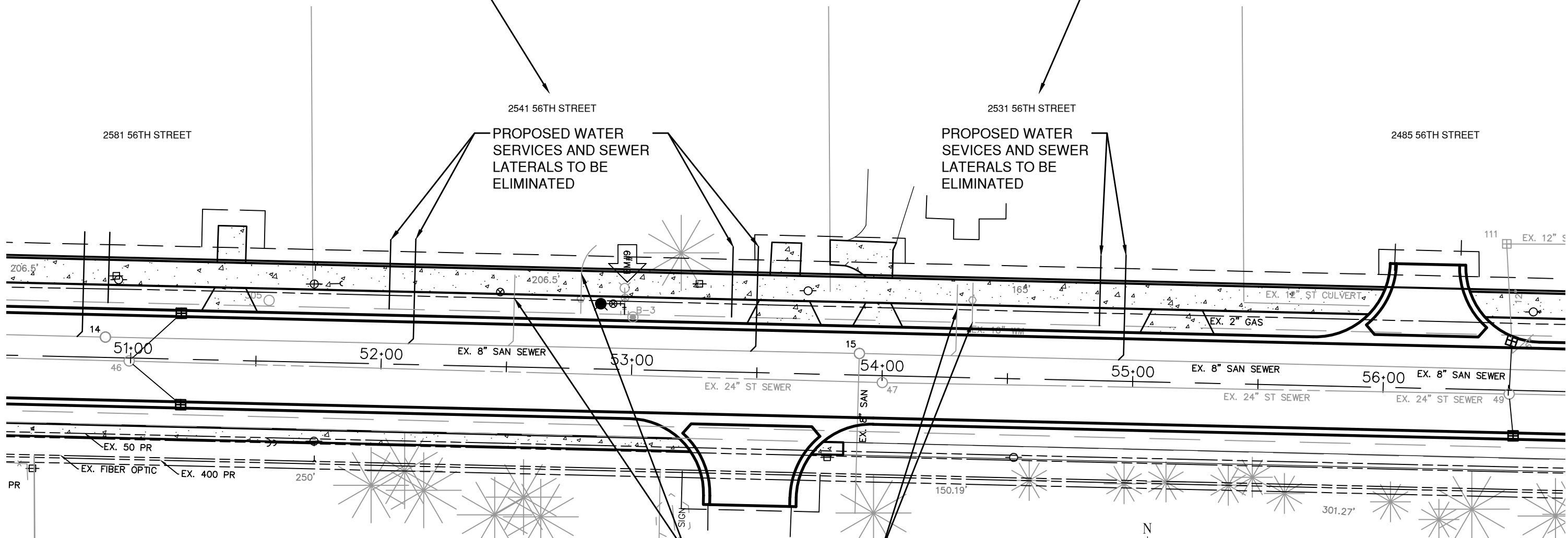
Approved as to Form:  
[Signature]  
Attorney for the City of Wyoming

<p>This Instrument Drafted By:</p> <p>Jeffrey Oonk City of Wyoming 2660 Burlingame Ave. SW Wyoming, MI 49509</p>	<p>After Recording return to:</p> <p>Kelli A. VandenBerg Wyoming City Clerk City of Wyoming 1155 28<sup>th</sup> Street Wyoming, MI 49509</p>
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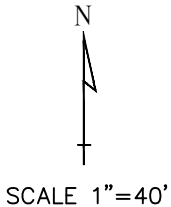


2541 56TH STREET  
ELIZABETH A.  
MINGERINK TRUST

2531 56TH STREET  
DO-BE, LLC



**RESTRICTIVE COVENANTS**  
**56TH STREET**  
**IMPROVEMENTS**



RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO AUTHORIZE THE MAYOR AND CITY CLERK TO EXECUTE  
A RESTRICTIVE COVENANT WITH THE ELIZABETH A. MINGERINK TRUST  
FOR THE PROPERTY LOCATED AT 2541 – 56<sup>TH</sup> STREET, SW

WHEREAS:

1. The City is in the process of improving 56<sup>th</sup> Street from Byron Center Avenue to Ivanrest Avenue.
2. The Elizabeth A. Mingerink Trust, owner of property located at 2541 – 56<sup>th</sup> Street, SW, is willing to refrain from connecting to the watermain and sanitary sewer in 56<sup>th</sup> Street for a period of 10 years in exchange for the City to not construct water services and sanitary laterals to said property.
3. It is in the best interest of the City to execute the attached Restrictive Covenant for the deletion of two water services and two sanitary laterals.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council hereby authorizes the Major and City Clerk to execute the attached Restrictive Covenant with the Elizabeth A. Mingerink Trust.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried      Yes  
                                    No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENT:  
Restrictive Covenant

**RESTRICTIVE COVENANT**

THIS COVENANT made this \_\_\_\_\_ day of \_\_\_\_\_ by and between **Elizabeth A. Mingerink Trust** whose address is 2541 56<sup>th</sup> Street, Wyoming, MI 49519, hereinafter referred to as "Owner," and the **City of Wyoming**, a Michigan Municipal Corporation of 1155-28th Street SW, Wyoming, Michigan 49509 hereinafter referred to as the "City."

WHEREAS, the City is contemplating the improvements in 56<sup>th</sup> Street from Byron Center Avenue to Ivanrest Avenue, and

WHEREAS, the Owner has fee title to the property described as follows:

PART OF NE 1/4 COM 206.50 FT S 88D 19M 30S E ALONG E&W 1/4 LINE & 40.0 FT N 0D 00M 00S PAR WITH E 1/8 LINE FROM SW COR OF E 1/2 NE 1/4 TH N 0D 00M 00S PAR WITH E 1/8 LINE 224.0 FT TH N 34D 15M 00S E 220.62 FT TH S 88D 28M 30S E 291.48 FT TO W LINE OF E 701.25 FT OF NE 1/4 TH S 0D 00M 30S E ALONG SD W LINE 186.78 FT TO N LINE OF S 264 FT OF NE 1/4 TH N 88D 19M 30S W ALONG SD N LINE 209.25 FT TO E LINE OF W 413 FT OF E 1/2 NE 1/4 TH S 0D 00M 00S ALONG SD E LINE 224.0 FT TO N LINE OF 56TH ST TH W ALONG SD N LINE 206.50 FT TO BEG \* SEC 30 T6N R12W 2.57 A., and


WHEREAS, the Owner has requested that two 6" sanitary laterals and two 1" water services be deleted from the Special Assessment Roll SA 18-801; now, therefore,

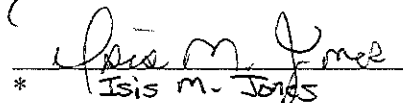
The parties agree to the following:

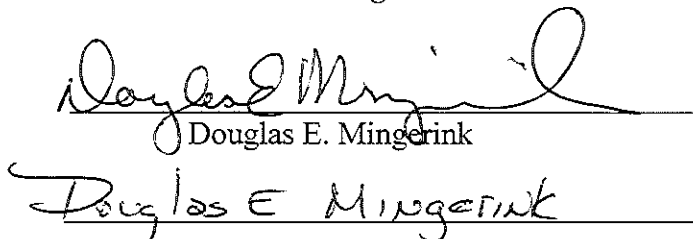
1. The City will delete two 6" sanitary laterals and two 1" water services from the 56<sup>th</sup> Street Special Assessment Roll SA 18-801.
2. It is understood and agreed that no additional water service connections to the water main and no additional sanitary sewer connections to the sanitary sewer main will be allowed along 56<sup>th</sup> Street to service the above described property.
3. This Covenant shall be in effect for 10 years from the above date and shall be binding on the Owner, their heirs, successors and assigns. After said 10 years, the Owner, their heirs, successors and assigns shall be responsible for all costs for making additional connections to the water main and sanitary sewer in 56<sup>th</sup> Street.

WITNESSES FOR OWNER:

OWNER **Elizabeth A. Mingerink Trust**

  
\* Nicole Crandell

  
\* Isis M. Jones

  
Douglas E. Mingerink

\* Print or type name beneath signature line.

WITNESSES FOR CITY:

CITY OF WYOMING

\_\_\_\_\_  
\*

By \_\_\_\_\_  
Jack A. Poll, its Mayor

\_\_\_\_\_  
\*

By \_\_\_\_\_  
Kelli A. VandenBerg, its City Clerk

STATE OF MICHIGAN

COUNTY OF KENT

On March 12, 2018 before me, a Notary Public, in and for said County, personally appeared **Douglas E. Mingerink** to me known to be the same persons described in and who executed the within instrument, who acknowledged the same to be the free act and deed of said person.

Nicole Crandell  
\* Nicole Crandell Notary Public,  
Kent County, Michigan

Commission expires: 5/7/2022

\* Print or type name beneath signature line.

STATE OF MICHIGAN

COUNTY OF KENT

On \_\_\_\_\_ before me, a Notary Public, in and for said County, personally appeared by **Jack A. Poll** and **Kelli A. VandenBerg** to me personally known, as the **Mayor** and **City Clerk** of the **City of Wyoming**, a Michigan corporation, on behalf of the corporation by authority of its City Council.

\_\_\_\_\_  
\* Notary Public,  
County, Michigan

Commission expires: \_\_\_\_\_

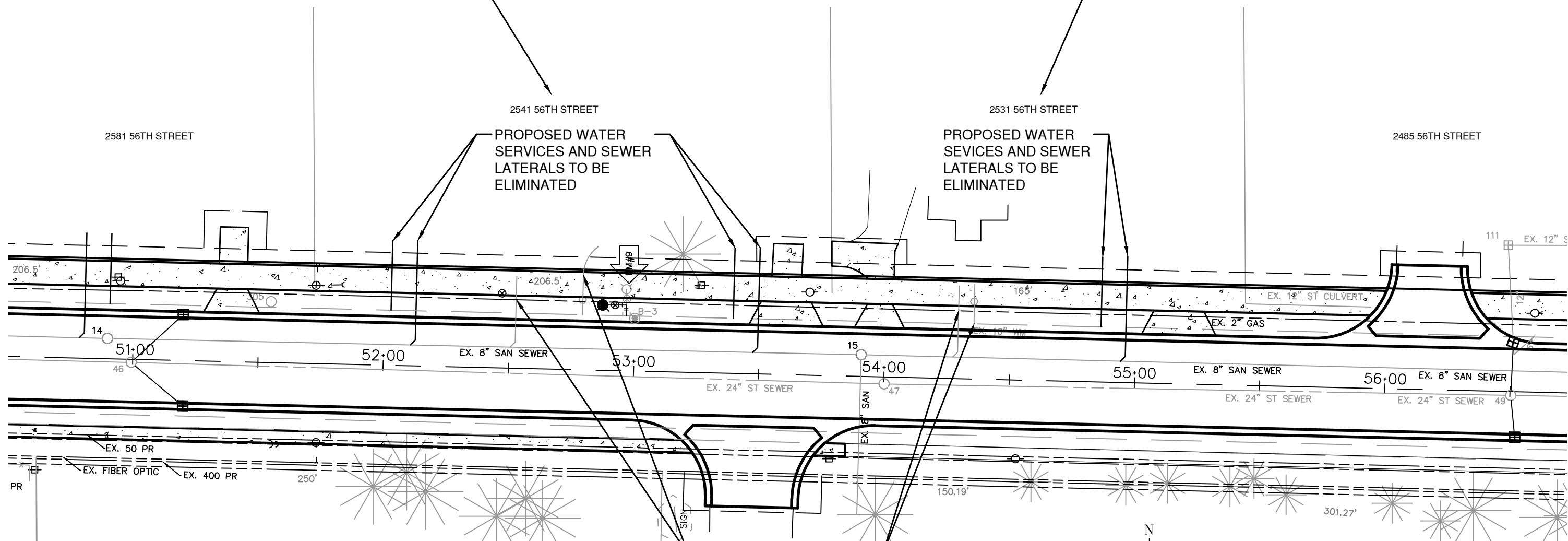
Approved as to Form:  
Mark W. Jensen  
Attorney for the City of Wyoming

<p>This Instrument Drafted By:</p> <p>Jeffrey Oonk City of Wyoming 2660 Burlingame Ave. SW Wyoming, MI 49509</p>	<p>After Recording return to:</p> <p>Kelli A. VandenBerg Wyoming City Clerk City of Wyoming 1155 28<sup>th</sup> Street Wyoming, MI 49509</p>
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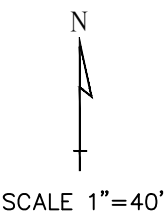


2541 56TH STREET  
ELIZABETH A.  
MINGERINK TRUST

2531 56TH STREET  
DO-BE, LLC



**RESTRICTIVE COVENANTS**  
**56TH STREET**  
**IMPROVEMENTS**



RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO DECLARE THE NECESSITY OF ESTABLISHING A SPECIAL  
ASSESSMENT DISTRICT FOR THE PURPOSE OF PROVIDING AERIAL INSECTICIDE  
SPRAY FOR A GYPSY MOTH SUPPRESSION PROGRAM,  
SPECIAL ASSESSMENT ROLL 18-802

WHEREAS:

1. The City Council, after due and legal notice, has met and heard all persons to be affected by the proposed public improvement, hereafter described as: Aerial Insecticide Spray for a Gypsy Moth Suppression Program – Special Assessment Roll 18-802.
2. Any objections offered by those persons owning property to be assessed for this improvement were not deemed by the Council to render the improvement inadvisable, unnecessary or improper.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council determines to make the following public improvement and to defray all costs by special assessment upon the property specifically benefitted: City of Wyoming Gypsy Moth Suppression Program 2018, Special Assessment Roll 18-802.
2. The City Council approves the plans and specifications for the aforesaid public improvement to be approximately \$88,000.00.
3. The City Council determines that of the total estimated cost, the sum of \$26.00 per parcel is to be paid through special assessment upon the property specifically benefitted, and that all additional related costs shall be the obligation of the City at large because of the benefit to each.
4. The City Council determines that the special assessment upon the property specifically benefitted shall remain active but deferred until the completion of the aerial spray. At the time of completion of the aerial spray, the special assessment shall be billed with the City tax bill in one (1) one-time installment and shall be due and payable on August 31, in the year after completion of the aerial spray. Interest on the unpaid balance will be added as provided in the City Charter in the same manner as interest on late payment of taxes
5. The City Council designates the following described property as the special assessment district upon which the special assessment shall be levied: (See Attached Parcel List)
6. The City Manager shall direct the City Assessor to prepare a Special Assessment Roll, including all lots and parcels of land within the special assessment district as designated, and the Assessor shall assess to each lot or parcel of land, the fee of \$26.00 to be levied against all lands in the special assessment district, as the benefit to such lot or parcel of land bears to the total benefits to all lands in such district.
7. When the Assessor has completed the assessment roll, he shall file the assessment roll with the City Clerk, as required by Section 66-9 of the Code of the City of Wyoming.
8. Property owners may appeal the assessment to the Michigan Tax Tribunal within 30 days after confirmation of the assessment roll. Appearance and protest at the local hearing is required in order to appeal the amount of the special assessment to the Michigan Tax Tribunal. An owner or party in interest, or his agent, may appear in person at the hearing, or may file his appearance or protest by letter and his personal appearance shall not be required.

Moved by Councilmember:  
Seconded by Councilmember:  
Motion Carried        Yes  
                                     No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

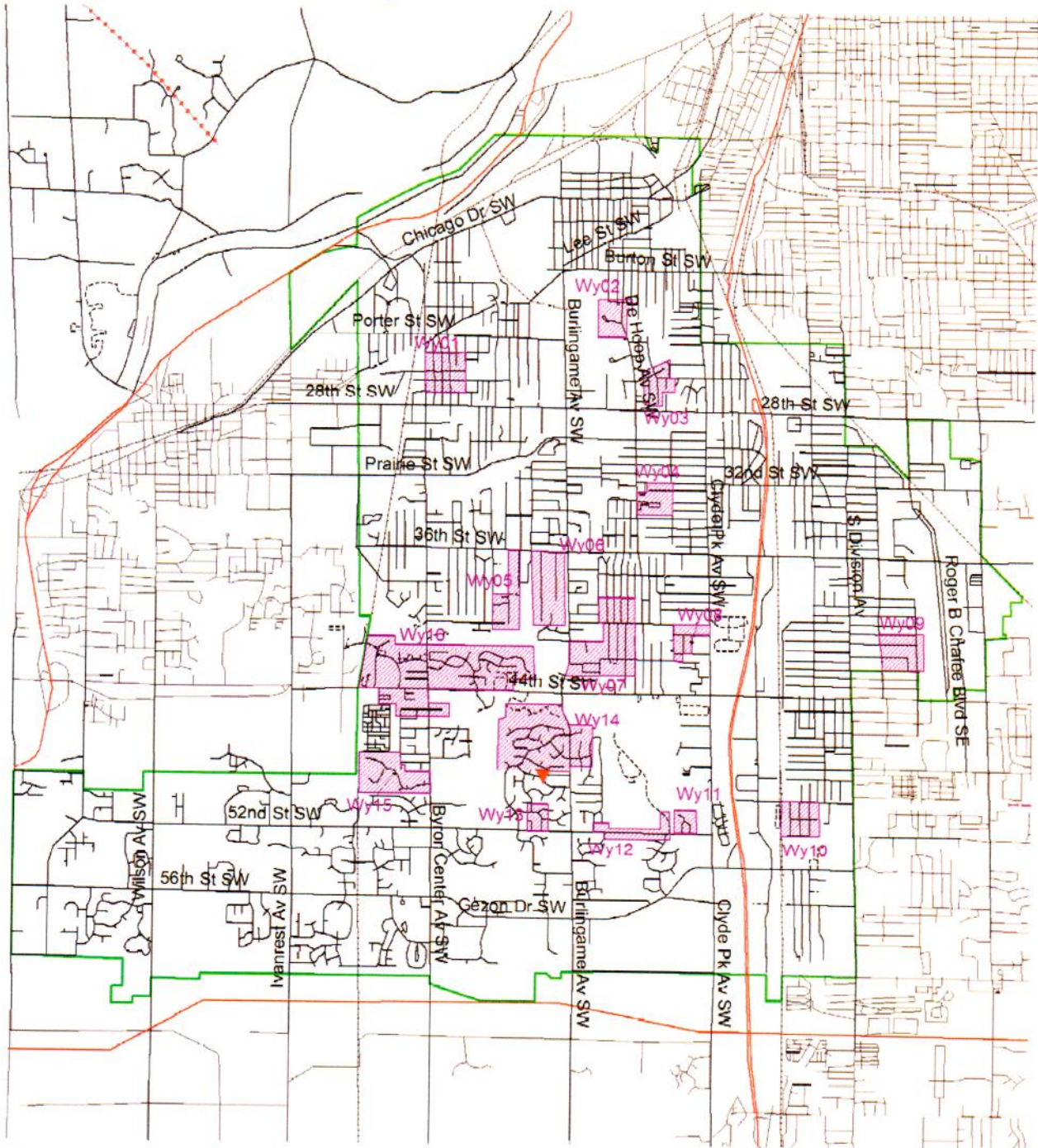
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Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENTS:  
Aerial Spray Map  
Parcel List

Resolution No. \_\_\_\_\_

# City of Wyoming Gypsy Moth Survey Report for 2018 Season



**Shaded Areas are Recommended  
for Aerial Spray in Spring 2018**



**— City Border**  
2017 Aquatic Consulting Services

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-802

41-17-10-302-004	41-17-10-306-035	41-17-10-327-017
41-17-10-302-011	41-17-10-306-036	41-17-10-327-018
41-17-10-303-010	41-17-10-306-037	41-17-10-327-020
41-17-10-303-017	41-17-10-306-038	41-17-10-327-021
41-17-10-304-001	41-17-10-306-039	41-17-10-351-001
41-17-10-304-003	41-17-10-306-040	41-17-10-351-002
41-17-10-304-004	41-17-10-306-041	41-17-10-351-003
41-17-10-304-005	41-17-10-306-042	41-17-10-351-005
41-17-10-304-006	41-17-10-306-043	41-17-10-351-006
41-17-10-304-007	41-17-10-306-045	41-17-10-351-007
41-17-10-304-008	41-17-10-306-047	41-17-10-351-008
41-17-10-304-009	41-17-10-306-053	41-17-10-351-010
41-17-10-304-010	41-17-10-308-001	41-17-10-351-011
41-17-10-304-011	41-17-10-308-002	41-17-10-351-012
41-17-10-304-011	41-17-10-308-003	41-17-10-351-013
41-17-10-304-012	41-17-10-308-004	41-17-10-352-001
41-17-10-304-013	41-17-10-308-005	41-17-10-352-002
41-17-10-304-014	41-17-10-308-006	41-17-10-352-003
41-17-10-304-015	41-17-10-308-007	41-17-10-352-004
41-17-10-305-001	41-17-10-308-008	41-17-10-352-005
41-17-10-305-002	41-17-10-308-010	41-17-10-352-006
41-17-10-305-003	41-17-10-308-011	41-17-10-352-007
41-17-10-305-003	41-17-10-308-011	41-17-10-352-008
41-17-10-305-004	41-17-10-308-012	41-17-10-352-009
41-17-10-305-005	41-17-10-308-013	41-17-10-352-010
41-17-10-305-006	41-17-10-308-014	41-17-10-352-011
41-17-10-305-008	41-17-10-308-016	41-17-10-353-001
41-17-10-305-009	41-17-10-308-017	41-17-10-353-002
41-17-10-305-012	41-17-10-308-018	41-17-10-353-003
41-17-10-305-013	41-17-10-308-019	41-17-10-353-003
41-17-10-305-014	41-17-10-327-001	41-17-10-353-004
41-17-10-305-015	41-17-10-327-002	41-17-10-353-005
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41-17-10-306-016	41-17-10-327-007	41-17-10-353-011
41-17-10-306-017	41-17-10-327-009	41-17-10-353-012
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41-17-10-306-022	41-17-10-327-012	41-17-10-354-003
41-17-10-306-023	41-17-10-327-013	41-17-10-354-006
41-17-10-306-024	41-17-10-327-016	41-17-10-354-007

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-802

41-17-10-354-008	41-17-10-358-003	41-17-11-403-021
41-17-10-354-009	41-17-10-358-004	41-17-11-403-022
41-17-10-354-010	41-17-10-358-005	41-17-11-404-001
41-17-10-354-011	41-17-10-358-006	41-17-11-404-002
41-17-10-354-012	41-17-10-358-007	41-17-11-404-003
41-17-10-354-013	41-17-10-358-008	41-17-11-404-004
41-17-10-354-014	41-17-10-358-009	41-17-11-404-005
41-17-10-355-001	41-17-10-358-010	41-17-11-404-006
41-17-10-355-002	41-17-10-358-011	41-17-11-404-007
41-17-10-355-003	41-17-10-358-012	41-17-11-404-008
41-17-10-355-004	41-17-10-358-013	41-17-11-404-009
41-17-10-355-005	41-17-10-358-014	41-17-11-404-010
41-17-10-355-006	41-17-10-358-015	41-17-11-404-011
41-17-10-355-007	41-17-10-358-016	41-17-11-451-005
41-17-10-355-008	41-17-10-358-017	41-17-11-451-009
41-17-10-355-009	41-17-10-376-001	41-17-11-451-010
41-17-10-355-010	41-17-10-376-002	41-17-11-451-011
41-17-10-355-011	41-17-10-376-003	41-17-11-451-012
41-17-10-356-001	41-17-10-376-004	41-17-11-451-013
41-17-10-356-002	41-17-10-376-005	41-17-11-451-014
41-17-10-356-003	41-17-11-127-040	41-17-11-451-015
41-17-10-356-004	41-17-11-128-022	41-17-11-451-016
41-17-10-356-005	41-17-11-128-051	41-17-11-451-017
41-17-10-356-006	41-17-11-129-039	41-17-11-451-018
41-17-10-356-007	41-17-11-129-046	41-17-11-451-027
41-17-10-356-008	41-17-11-129-048	41-17-11-452-001
41-17-10-356-009	41-17-11-131-006	41-17-11-452-002
41-17-10-356-010	41-17-11-132-007	41-17-11-452-003
41-17-10-356-011	41-17-11-402-039	41-17-11-452-004
41-17-10-357-001	41-17-11-402-041	41-17-11-452-005
41-17-10-357-002	41-17-11-402-042	41-17-11-452-006
41-17-10-357-003	41-17-11-402-043	41-17-11-452-007
41-17-10-357-005	41-17-11-402-044	41-17-11-452-008
41-17-10-357-006	41-17-11-402-045	41-17-11-452-009
41-17-10-357-007	41-17-11-403-014	41-17-11-452-010
41-17-10-357-010	41-17-11-403-015	41-17-11-452-011
41-17-10-357-011	41-17-11-403-016	41-17-11-452-011
41-17-10-357-012	41-17-11-403-017	41-17-11-452-012
41-17-10-357-013	41-17-11-403-018	41-17-11-452-013
41-17-10-357-014	41-17-11-403-019	41-17-11-452-014
41-17-10-358-001	41-17-11-403-019	41-17-11-452-016
41-17-10-358-002	41-17-11-403-020	41-17-11-452-018
		41-17-11-452-019

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41-17-11-452-020	41-17-14-401-005	41-17-14-403-002
41-17-11-452-021	41-17-14-401-009	41-17-14-403-003
41-17-11-452-022	41-17-14-401-010	41-17-14-404-017
41-17-11-452-023	41-17-14-401-011	41-17-14-404-018
41-17-11-452-024	41-17-14-401-012	41-17-21-451-029
41-17-11-452-025	41-17-14-401-013	41-17-21-451-037
41-17-11-452-026	41-17-14-401-014	41-17-21-476-001
41-17-11-452-027	41-17-14-401-015	41-17-21-476-002
41-17-11-452-028	41-17-14-401-016	41-17-21-476-003
41-17-11-452-029	41-17-14-401-017	41-17-21-476-004
41-17-11-452-030	41-17-14-401-018	41-17-21-476-005
41-17-11-452-031	41-17-14-401-019	41-17-21-476-006
41-17-11-452-032	41-17-14-401-020	41-17-21-476-007
41-17-11-452-033	41-17-14-401-021	41-17-21-476-008
41-17-11-452-034	41-17-14-401-022	41-17-21-476-009
41-17-11-453-002	41-17-14-401-023	41-17-21-476-010
41-17-11-453-003	41-17-14-401-024	41-17-21-476-011
41-17-11-453-003	41-17-14-401-025	41-17-21-477-001
41-17-11-453-004	41-17-14-401-026	41-17-21-477-002
41-17-11-453-005	41-17-14-401-029	41-17-21-477-003
41-17-11-453-006	41-17-14-401-030	41-17-21-477-003
41-17-11-453-007	41-17-14-401-031	41-17-21-477-004
41-17-11-453-009	41-17-14-401-036	41-17-21-477-005
41-17-11-453-010	41-17-14-401-037	41-17-21-477-006
41-17-11-453-011	41-17-14-402-002	41-17-21-477-007
41-17-11-453-012	41-17-14-402-005	41-17-21-477-009
41-17-11-453-013	41-17-14-402-006	41-17-21-477-010
41-17-11-453-014	41-17-14-402-008	41-17-21-477-011
41-17-11-453-035	41-17-14-402-011	41-17-21-477-012
41-17-11-476-001	41-17-14-402-013	41-17-21-477-013
41-17-11-476-002	41-17-14-402-014	41-17-21-477-014
41-17-11-476-011	41-17-14-402-016	41-17-21-477-015
41-17-11-476-012	41-17-14-402-017	41-17-21-477-016
41-17-11-476-013	41-17-14-402-025	41-17-21-477-017
41-17-11-476-014	41-17-14-402-027	41-17-21-477-018
41-17-11-476-016	41-17-14-402-027	41-17-21-477-019
41-17-11-476-019	41-17-14-402-028	41-17-21-477-020
41-17-11-476-041	41-17-14-402-029	41-17-21-477-021
41-17-11-476-042	41-17-14-402-032	41-17-21-477-022
41-17-14-401-001	41-17-14-402-035	41-17-21-477-023
41-17-14-401-002	41-17-14-402-036	41-17-21-478-001
41-17-14-401-003	41-17-14-402-037	41-17-21-478-002
41-17-14-401-004	41-17-14-403-001	41-17-21-478-003

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41-17-21-478-004	41-17-22-201-048	41-17-22-202-035
41-17-21-478-005	41-17-22-201-049	41-17-22-202-036
41-17-21-478-006	41-17-22-201-058	41-17-22-202-037
41-17-21-478-007	41-17-22-201-060	41-17-22-202-038
41-17-21-478-008	41-17-22-201-061	41-17-22-202-039
41-17-21-478-009	41-17-22-201-062	41-17-22-202-040
41-17-21-478-010	41-17-22-201-063	41-17-22-202-041
41-17-21-478-011	41-17-22-201-067	41-17-22-202-042
41-17-21-478-012	41-17-22-201-068	41-17-22-202-043
41-17-21-478-013	41-17-22-201-073	41-17-22-202-044
41-17-21-478-014	41-17-22-201-075	41-17-22-202-045
41-17-21-478-015	41-17-22-202-001	41-17-22-202-046
41-17-21-478-016	41-17-22-202-002	41-17-22-202-047
41-17-21-478-017	41-17-22-202-003	41-17-22-202-049
41-17-21-478-018	41-17-22-202-004	41-17-22-202-059
41-17-21-478-019	41-17-22-202-005	41-17-22-202-060
41-17-21-478-020	41-17-22-202-006	41-17-22-226-003
41-17-21-478-024	41-17-22-202-008	41-17-22-226-004
41-17-21-478-026	41-17-22-202-009	41-17-22-226-005
41-17-21-478-027	41-17-22-202-011	41-17-22-226-006
41-17-22-132-014	41-17-22-202-012	41-17-22-226-009
41-17-22-132-016	41-17-22-202-013	41-17-22-226-017
41-17-22-132-017	41-17-22-202-014	41-17-22-226-029
41-17-22-132-018	41-17-22-202-015	41-17-22-226-030
41-17-22-132-019	41-17-22-202-016	41-17-22-226-035
41-17-22-132-020	41-17-22-202-017	41-17-22-226-037
41-17-22-132-021	41-17-22-202-018	41-17-22-226-038
41-17-22-132-022	41-17-22-202-019	41-17-22-226-039
41-17-22-132-024	41-17-22-202-020	41-17-22-226-040
41-17-22-132-025	41-17-22-202-021	41-17-22-226-041
41-17-22-132-027	41-17-22-202-022	41-17-22-226-042
41-17-22-132-028	41-17-22-202-023	41-17-22-226-043
41-17-22-177-004	41-17-22-202-024	41-17-22-226-044
41-17-22-177-005	41-17-22-202-025	41-17-22-226-045
41-17-22-177-007	41-17-22-202-026	41-17-22-226-046
41-17-22-201-030	41-17-22-202-027	41-17-22-226-050
41-17-22-201-031	41-17-22-202-027	41-17-22-226-052
41-17-22-201-035	41-17-22-202-028	41-17-22-226-053
41-17-22-201-035	41-17-22-202-029	41-17-22-226-054
41-17-22-201-038	41-17-22-202-030	41-17-22-226-055
41-17-22-201-039	41-17-22-202-032	41-17-22-226-056
41-17-22-201-041	41-17-22-202-033	41-17-22-226-057
41-17-22-201-047	41-17-22-202-034	41-17-22-226-058

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41-17-22-226-059	41-17-22-227-096	41-17-22-276-005
41-17-22-226-059	41-17-22-227-099	41-17-22-276-006
41-17-22-226-060	41-17-22-227-102	41-17-22-276-007
41-17-22-227-004	41-17-22-227-999	41-17-22-276-008
41-17-22-227-005	41-17-22-228-003	41-17-22-276-009
41-17-22-227-019	41-17-22-228-010	41-17-22-276-010
41-17-22-227-020	41-17-22-228-011	41-17-22-276-011
41-17-22-227-021	41-17-22-228-011	41-17-22-276-011
41-17-22-227-026	41-17-22-228-012	41-17-22-303-003
41-17-22-227-027	41-17-22-228-017	41-17-22-303-004
41-17-22-227-028	41-17-22-228-020	41-17-22-326-004
41-17-22-227-029	41-17-22-228-025	41-17-22-326-005
41-17-22-227-030	41-17-22-228-026	41-17-22-326-006
41-17-22-227-031	41-17-22-228-027	41-17-22-328-007
41-17-22-227-032	41-17-22-228-028	41-17-22-328-008
41-17-22-227-033	41-17-22-228-029	41-17-22-328-009
41-17-22-227-034	41-17-22-228-030	41-17-22-351-001
41-17-22-227-038	41-17-22-228-044	41-17-22-351-002
41-17-22-227-041	41-17-22-228-045	41-17-22-351-003
41-17-22-227-046	41-17-22-228-050	41-17-22-351-004
41-17-22-227-047	41-17-22-228-054	41-17-22-351-005
41-17-22-227-048	41-17-22-228-055	41-17-22-351-006
41-17-22-227-049	41-17-22-228-057	41-17-22-351-007
41-17-22-227-050	41-17-22-228-058	41-17-22-351-008
41-17-22-227-051	41-17-22-228-063	41-17-22-351-010
41-17-22-227-051	41-17-22-228-067	41-17-22-351-011
41-17-22-227-060	41-17-22-228-068	41-17-22-351-012
41-17-22-227-061	41-17-22-228-076	41-17-22-351-013
41-17-22-227-062	41-17-22-228-077	41-17-22-351-014
41-17-22-227-063	41-17-22-228-092	41-17-22-351-015
41-17-22-227-064	41-17-22-228-096	41-17-22-351-016
41-17-22-227-065	41-17-22-228-097	41-17-22-351-017
41-17-22-227-066	41-17-22-228-098	41-17-22-351-018
41-17-22-227-067	41-17-22-228-099	41-17-22-351-020
41-17-22-227-070	41-17-22-228-102	41-17-22-351-021
41-17-22-227-072	41-17-22-228-103	41-17-22-351-026
41-17-22-227-076	41-17-22-228-104	41-17-22-351-027
41-17-22-227-079	41-17-22-228-105	41-17-22-352-001
41-17-22-227-082	41-17-22-251-002	41-17-22-352-002
41-17-22-227-083	41-17-22-251-015	41-17-22-352-003
41-17-22-227-086	41-17-22-276-002	41-17-22-352-004
41-17-22-227-087	41-17-22-276-003	41-17-22-352-005
41-17-22-227-089	41-17-22-276-004	41-17-22-352-007

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41-17-22-352-008	41-17-22-354-058	41-17-22-376-033
41-17-22-352-009	41-17-22-354-065	41-17-22-376-035
41-17-22-352-010	41-17-22-354-067	41-17-22-377-001
41-17-22-352-011	41-17-22-374-002	41-17-22-377-004
41-17-22-352-011	41-17-22-374-003	41-17-22-377-005
41-17-22-352-012	41-17-22-374-004	41-17-22-377-006
41-17-22-352-014	41-17-22-374-005	41-17-22-377-008
41-17-22-353-001	41-17-22-374-006	41-17-22-377-009
41-17-22-353-002	41-17-22-374-007	41-17-22-377-010
41-17-22-353-003	41-17-22-374-008	41-17-22-377-011
41-17-22-353-003	41-17-22-374-009	41-17-22-377-012
41-17-22-353-004	41-17-22-376-001	41-17-22-377-013
41-17-22-353-005	41-17-22-376-002	41-17-22-377-014
41-17-22-353-006	41-17-22-376-003	41-17-22-377-017
41-17-22-353-008	41-17-22-376-004	41-17-22-377-018
41-17-22-353-009	41-17-22-376-005	41-17-22-377-019
41-17-22-353-010	41-17-22-376-006	41-17-22-377-020
41-17-22-353-011	41-17-22-376-007	41-17-22-377-021
41-17-22-353-012	41-17-22-376-008	41-17-22-377-023
41-17-22-353-013	41-17-22-376-009	41-17-22-377-024
41-17-22-353-014	41-17-22-376-010	41-17-22-377-029
41-17-22-353-015	41-17-22-376-011	41-17-22-377-030
41-17-22-353-016	41-17-22-376-011	41-17-22-377-031
41-17-22-354-002	41-17-22-376-012	41-17-22-377-032
41-17-22-354-006	41-17-22-376-013	41-17-22-377-035
41-17-22-354-007	41-17-22-376-014	41-17-22-377-035
41-17-22-354-008	41-17-22-376-015	41-17-22-378-001
41-17-22-354-009	41-17-22-376-017	41-17-22-378-002
41-17-22-354-010	41-17-22-376-018	41-17-22-378-003
41-17-22-354-012	41-17-22-376-019	41-17-22-378-004
41-17-22-354-013	41-17-22-376-020	41-17-22-378-005
41-17-22-354-014	41-17-22-376-021	41-17-22-378-006
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41-17-22-354-032	41-17-22-376-024	41-17-22-378-010
41-17-22-354-034	41-17-22-376-025	41-17-22-378-011
41-17-22-354-036	41-17-22-376-026	41-17-22-379-001
41-17-22-354-038	41-17-22-376-027	41-17-22-379-003
41-17-22-354-050	41-17-22-376-028	41-17-22-379-004
41-17-22-354-052	41-17-22-376-029	41-17-22-379-005
41-17-22-354-053	41-17-22-376-030	41-17-22-379-011
41-17-22-354-054	41-17-22-376-031	41-17-22-379-012
41-17-22-354-057	41-17-22-376-032	41-17-22-379-013

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41-17-22-379-014	41-17-22-382-007	41-17-22-451-028
41-17-22-379-015	41-17-22-382-008	41-17-22-451-029
41-17-22-379-016	41-17-22-382-009	41-17-22-451-030
41-17-22-379-017	41-17-22-382-010	41-17-22-451-032
41-17-22-379-019	41-17-22-382-011	41-17-22-451-033
41-17-22-379-019	41-17-22-382-012	41-17-22-451-035
41-17-22-379-020	41-17-22-382-013	41-17-22-451-036
41-17-22-379-021	41-17-22-382-014	41-17-22-451-037
41-17-22-379-022	41-17-22-382-015	41-17-22-451-038
41-17-22-379-023	41-17-22-382-016	41-17-22-451-039
41-17-22-379-025	41-17-22-382-017	41-17-22-451-040
41-17-22-379-026	41-17-22-382-018	41-17-22-451-041
41-17-22-379-028	41-17-22-382-019	41-17-22-451-043
41-17-22-379-029	41-17-22-401-001	41-17-22-451-044
41-17-22-380-004	41-17-22-401-002	41-17-22-451-045
41-17-22-380-005	41-17-22-401-003	41-17-22-451-047
41-17-22-380-006	41-17-22-402-001	41-17-22-451-048
41-17-22-380-007	41-17-22-402-002	41-17-22-451-049
41-17-22-380-008	41-17-22-402-005	41-17-22-452-002
41-17-22-380-010	41-17-22-402-008	41-17-22-452-003
41-17-22-380-011	41-17-22-403-009	41-17-22-452-004
41-17-22-380-011	41-17-22-404-002	41-17-22-452-007
41-17-22-380-014	41-17-22-404-003	41-17-22-452-008
41-17-22-380-019	41-17-22-404-004	41-17-22-452-010
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41-17-22-381-002	41-17-22-428-005	41-17-22-452-014
41-17-22-381-003	41-17-22-428-010	41-17-22-452-016
41-17-22-381-003	41-17-22-428-011	41-17-22-456-002
41-17-22-381-005	41-17-22-429-001	41-17-22-456-003
41-17-22-381-007	41-17-22-429-002	41-17-22-456-004
41-17-22-381-009	41-17-22-429-003	41-17-22-456-005
41-17-22-381-010	41-17-22-429-003	41-17-22-456-006
41-17-22-381-011	41-17-22-429-004	41-17-22-456-007
41-17-22-381-012	41-17-22-429-005	41-17-22-456-012
41-17-22-381-013	41-17-22-429-006	41-17-22-456-013
41-17-22-381-999	41-17-22-451-002	41-17-22-456-014
41-17-22-382-001	41-17-22-451-003	41-17-22-456-017
41-17-22-382-002	41-17-22-451-004	41-17-22-456-020
41-17-22-382-003	41-17-22-451-005	41-17-22-456-021
41-17-22-382-004	41-17-22-451-015	41-17-23-105-026
41-17-22-382-005	41-17-22-451-016	41-17-23-154-001
41-17-22-382-006	41-17-22-451-017	41-17-23-154-002

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41-17-23-154-003	41-17-23-176-025	41-17-23-178-013
41-17-23-154-004	41-17-23-176-026	41-17-23-178-014
41-17-23-154-005	41-17-23-176-027	41-17-23-178-020
41-17-23-154-006	41-17-23-176-028	41-17-23-178-021
41-17-23-154-007	41-17-23-176-029	41-17-23-178-022
41-17-23-154-008	41-17-23-176-031	41-17-23-178-023
41-17-23-154-009	41-17-23-176-033	41-17-23-178-024
41-17-23-154-010	41-17-23-176-034	41-17-23-178-025
41-17-23-154-011	41-17-23-177-001	41-17-23-178-026
41-17-23-154-013	41-17-23-177-002	41-17-23-178-027
41-17-23-154-014	41-17-23-177-003	41-17-23-178-027
41-17-23-154-015	41-17-23-177-003	41-17-23-178-028
41-17-23-154-016	41-17-23-177-004	41-17-23-178-033
41-17-23-154-018	41-17-23-177-005	41-17-23-178-034
41-17-23-154-019	41-17-23-177-006	41-17-23-178-035
41-17-23-154-020	41-17-23-177-008	41-17-23-178-037
41-17-23-154-023	41-17-23-177-009	41-17-23-178-038
41-17-23-154-026	41-17-23-177-010	41-17-23-178-039
41-17-23-154-027	41-17-23-177-011	41-17-23-178-040
41-17-23-154-027	41-17-23-177-012	41-17-23-179-001
41-17-23-154-028	41-17-23-177-016	41-17-23-179-002
41-17-23-154-029	41-17-23-177-017	41-17-23-179-003
41-17-23-168-007	41-17-23-177-018	41-17-23-179-006
41-17-23-168-008	41-17-23-177-019	41-17-23-179-007
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41-17-23-176-011	41-17-23-177-031	41-17-23-179-021
41-17-23-176-011	41-17-23-177-032	41-17-23-179-023
41-17-23-176-014	41-17-23-177-033	41-17-23-179-025
41-17-23-176-015	41-17-23-178-002	41-17-23-179-028
41-17-23-176-017	41-17-23-178-003	41-17-23-179-029
41-17-23-176-018	41-17-23-178-004	41-17-23-179-030
41-17-23-176-019	41-17-23-178-005	41-17-23-179-031
41-17-23-176-020	41-17-23-178-008	41-17-23-179-032
41-17-23-176-021	41-17-23-178-009	41-17-23-179-033
41-17-23-176-023	41-17-23-178-010	41-17-23-179-034
41-17-23-176-024	41-17-23-178-012	41-17-23-301-005

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41-17-23-302-018	41-17-23-327-003	41-17-23-328-008
41-17-23-302-019	41-17-23-327-004	41-17-23-328-009
41-17-23-303-004	41-17-23-327-005	41-17-23-328-010
41-17-23-303-005	41-17-23-327-006	41-17-23-328-011
41-17-23-303-006	41-17-23-327-007	41-17-23-328-011
41-17-23-303-007	41-17-23-327-008	41-17-23-328-012
41-17-23-303-008	41-17-23-327-009	41-17-23-328-013
41-17-23-303-013	41-17-23-327-010	41-17-23-328-014
41-17-23-303-014	41-17-23-327-011	41-17-23-328-015
41-17-23-303-020	41-17-23-327-012	41-17-23-328-017
41-17-23-303-021	41-17-23-327-013	41-17-23-328-018
41-17-23-303-025	41-17-23-327-014	41-17-23-328-020
41-17-23-303-026	41-17-23-327-015	41-17-23-328-021
41-17-23-303-027	41-17-23-327-016	41-17-23-328-022
41-17-23-303-028	41-17-23-327-017	41-17-23-328-023
41-17-23-303-029	41-17-23-327-018	41-17-23-328-024
41-17-23-303-030	41-17-23-327-019	41-17-23-328-025
41-17-23-303-031	41-17-23-327-019	41-17-23-328-026
41-17-23-303-032	41-17-23-327-020	41-17-23-328-027
41-17-23-303-037	41-17-23-327-021	41-17-23-328-028
41-17-23-303-038	41-17-23-327-022	41-17-23-328-029
41-17-23-303-042	41-17-23-327-024	41-17-23-328-030
41-17-23-303-047	41-17-23-327-025	41-17-23-328-031
41-17-23-326-001	41-17-23-327-026	41-17-23-328-032
41-17-23-326-002	41-17-23-327-027	41-17-23-328-033
41-17-23-326-003	41-17-23-327-028	41-17-23-328-034
41-17-23-326-004	41-17-23-327-029	41-17-23-328-035
41-17-23-326-005	41-17-23-327-030	41-17-23-328-036
41-17-23-326-006	41-17-23-327-031	41-17-23-328-037
41-17-23-326-007	41-17-23-327-032	41-17-23-328-048
41-17-23-326-008	41-17-23-327-033	41-17-23-328-050
41-17-23-326-009	41-17-23-327-034	41-17-23-328-051
41-17-23-326-010	41-17-23-327-035	41-17-23-329-001
41-17-23-326-011	41-17-23-327-036	41-17-23-329-002
41-17-23-326-012	41-17-23-327-037	41-17-23-329-003
41-17-23-326-013	41-17-23-327-038	41-17-23-329-003
41-17-23-326-014	41-17-23-327-039	41-17-23-329-004
41-17-23-326-015	41-17-23-328-002	41-17-23-329-005
41-17-23-326-016	41-17-23-328-003	41-17-23-329-006
41-17-23-326-017	41-17-23-328-004	41-17-23-329-008
41-17-23-326-018	41-17-23-328-005	41-17-23-329-009
41-17-23-327-001	41-17-23-328-006	41-17-23-329-010
41-17-23-327-002	41-17-23-328-007	41-17-23-329-011

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41-17-23-329-012	41-17-23-352-005	41-17-23-354-041
41-17-23-329-013	41-17-23-352-006	41-17-23-354-042
41-17-23-329-014	41-17-23-352-007	41-17-23-377-004
41-17-23-329-015	41-17-23-352-008	41-17-23-377-005
41-17-23-329-016	41-17-23-352-009	41-17-23-377-006
41-17-23-329-017	41-17-23-352-010	41-17-23-377-008
41-17-23-329-018	41-17-23-352-011	41-17-23-377-009
41-17-23-329-019	41-17-23-352-011	41-17-23-377-010
41-17-23-329-020	41-17-23-352-012	41-17-23-377-011
41-17-23-329-022	41-17-23-352-013	41-17-23-377-012
41-17-23-329-023	41-17-23-352-014	41-17-23-377-013
41-17-23-329-024	41-17-23-352-015	41-17-23-377-014
41-17-23-329-025	41-17-23-352-017	41-17-23-378-001
41-17-23-329-026	41-17-23-352-018	41-17-23-378-002
41-17-23-329-027	41-17-23-353-001	41-17-23-378-003
41-17-23-329-028	41-17-23-353-002	41-17-23-378-004
41-17-23-329-029	41-17-23-353-003	41-17-23-378-005
41-17-23-329-030	41-17-23-353-003	41-17-23-378-006
41-17-23-329-031	41-17-23-353-004	41-17-23-378-007
41-17-23-329-032	41-17-23-353-005	41-17-23-378-008
41-17-23-329-033	41-17-23-353-006	41-17-23-378-009
41-17-23-329-034	41-17-23-353-010	41-17-23-378-010
41-17-23-329-035	41-17-23-353-011	41-17-23-378-022
41-17-23-351-002	41-17-23-353-012	41-17-23-378-023
41-17-23-351-003	41-17-23-354-003	41-17-23-378-024
41-17-23-351-004	41-17-23-354-006	41-17-23-378-025
41-17-23-351-005	41-17-23-354-007	41-17-23-378-026
41-17-23-351-006	41-17-23-354-008	41-17-23-378-027
41-17-23-351-007	41-17-23-354-009	41-17-23-378-027
41-17-23-351-008	41-17-23-354-010	41-17-23-378-028
41-17-23-351-009	41-17-23-354-011	41-17-23-378-029
41-17-23-351-010	41-17-23-354-012	41-17-23-378-030
41-17-23-351-011	41-17-23-354-013	41-17-23-404-013
41-17-23-351-012	41-17-23-354-014	41-17-23-426-001
41-17-23-351-013	41-17-23-354-015	41-17-23-426-002
41-17-23-351-015	41-17-23-354-016	41-17-23-426-003
41-17-23-351-016	41-17-23-354-017	41-17-23-426-004
41-17-23-351-017	41-17-23-354-018	41-17-23-426-005
41-17-23-351-018	41-17-23-354-019	41-17-23-426-006
41-17-23-352-001	41-17-23-354-034	41-17-23-426-007
41-17-23-352-002	41-17-23-354-037	41-17-23-426-008
41-17-23-352-003	41-17-23-354-039	41-17-23-426-009
41-17-23-352-004	41-17-23-354-040	41-17-23-426-010

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41-17-23-426-011	41-17-23-427-016	41-17-25-453-003
41-17-23-426-012	41-17-23-427-017	41-17-25-453-004
41-17-23-426-013	41-17-23-428-003	41-17-25-453-005
41-17-23-426-014	41-17-23-476-002	41-17-25-453-006
41-17-23-426-015	41-17-23-476-003	41-17-25-453-012
41-17-23-426-016	41-17-23-476-014	41-17-25-453-013
41-17-23-426-017	41-17-23-476-016	41-17-25-453-014
41-17-23-426-018	41-17-23-476-017	41-17-25-453-015
41-17-23-426-021	41-17-23-476-018	41-17-25-453-016
41-17-23-426-022	41-17-23-476-042	41-17-25-453-017
41-17-23-426-023	41-17-25-300-037	41-17-25-453-018
41-17-23-426-024	41-17-25-451-001	41-17-25-453-019
41-17-23-426-025	41-17-25-451-013	41-17-25-453-021
41-17-23-426-026	41-17-25-451-014	41-17-25-453-022
41-17-23-426-027	41-17-25-451-015	41-17-25-453-027
41-17-23-426-027	41-17-25-451-016	41-17-25-453-028
41-17-23-426-028	41-17-25-451-017	41-17-25-454-001
41-17-23-426-029	41-17-25-451-018	41-17-25-454-002
41-17-23-426-030	41-17-25-451-019	41-17-25-454-003
41-17-23-426-032	41-17-25-451-019	41-17-25-454-004
41-17-23-426-033	41-17-25-451-025	41-17-25-454-007
41-17-23-426-034	41-17-25-451-029	41-17-25-454-008
41-17-23-426-035	41-17-25-451-031	41-17-25-454-009
41-17-23-426-036	41-17-25-451-034	41-17-25-454-010
41-17-23-426-037	41-17-25-452-001	41-17-25-454-011
41-17-23-426-042	41-17-25-452-005	41-17-25-454-012
41-17-23-426-043	41-17-25-452-006	41-17-25-454-013
41-17-23-426-045	41-17-25-452-007	41-17-25-454-014
41-17-23-427-001	41-17-25-452-008	41-17-25-454-015
41-17-23-427-002	41-17-25-452-009	41-17-25-454-016
41-17-23-427-003	41-17-25-452-011	41-17-25-454-017
41-17-23-427-004	41-17-25-452-011	41-17-25-454-020
41-17-23-427-005	41-17-25-452-013	41-17-25-454-021
41-17-23-427-006	41-17-25-452-014	41-17-25-454-022
41-17-23-427-007	41-17-25-452-017	41-17-25-454-023
41-17-23-427-008	41-17-25-452-018	41-17-25-454-024
41-17-23-427-009	41-17-25-452-019	41-17-25-454-025
41-17-23-427-010	41-17-25-452-021	41-17-25-454-026
41-17-23-427-011	41-17-25-452-022	41-17-25-455-003
41-17-23-427-012	41-17-25-452-025	41-17-25-455-004
41-17-23-427-013	41-17-25-453-001	41-17-25-455-005
41-17-23-427-014	41-17-25-453-002	41-17-25-455-006
41-17-23-427-015	41-17-25-453-003	41-17-25-455-007

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41-17-25-455-008	41-17-26-151-018	41-17-26-370-032
41-17-25-455-009	41-17-26-151-019	41-17-26-370-033
41-17-25-455-010	41-17-26-151-021	41-17-26-370-034
41-17-25-455-012	41-17-26-152-001	41-17-26-370-035
41-17-25-455-015	41-17-26-152-002	41-17-26-370-036
41-17-25-455-016	41-17-26-152-003	41-17-26-370-037
41-17-25-455-017	41-17-26-152-004	41-17-26-370-038
41-17-25-455-019	41-17-26-152-005	41-17-26-370-039
41-17-25-455-020	41-17-26-152-006	41-17-26-476-011
41-17-25-455-021	41-17-26-152-007	41-17-27-101-019
41-17-25-455-024	41-17-26-152-008	41-17-27-101-022
41-17-25-455-025	41-17-26-152-009	41-17-27-101-023
41-17-25-455-026	41-17-26-152-010	41-17-27-101-027
41-17-25-455-027	41-17-26-153-001	41-17-27-110-001
41-17-25-455-028	41-17-26-153-002	41-17-27-110-002
41-17-25-455-029	41-17-26-153-003	41-17-27-110-003
41-17-25-476-007	41-17-26-154-003	41-17-27-110-004
41-17-25-476-009	41-17-26-154-004	41-17-27-110-005
41-17-25-476-010	41-17-26-154-005	41-17-27-110-006
41-17-25-476-011	41-17-26-154-008	41-17-27-110-007
41-17-25-476-019	41-17-26-154-009	41-17-27-110-008
41-17-25-476-021	41-17-26-154-010	41-17-27-110-009
41-17-25-476-022	41-17-26-154-017	41-17-27-110-010
41-17-25-476-023	41-17-26-154-018	41-17-27-110-011
41-17-25-476-026	41-17-26-154-022	41-17-27-110-012
41-17-26-101-036	41-17-26-154-023	41-17-27-110-013
41-17-26-101-038	41-17-26-154-024	41-17-27-110-014
41-17-26-101-040	41-17-26-154-025	41-17-27-110-015
41-17-26-101-041	41-17-26-154-026	41-17-27-110-016
41-17-26-101-042	41-17-26-154-027	41-17-27-110-017
41-17-26-101-043	41-17-26-155-001	41-17-27-110-018
41-17-26-101-044	41-17-26-155-002	41-17-27-226-016
41-17-26-101-045	41-17-26-155-005	41-17-27-249-001
41-17-26-101-046	41-17-26-301-001	41-17-27-249-002
41-17-26-101-047	41-17-26-301-007	41-17-27-249-003
41-17-26-101-078	41-17-26-301-009	41-17-27-249-003
41-17-26-151-006	41-17-26-301-022	41-17-27-249-004
41-17-26-151-006	41-17-26-301-023	41-17-27-249-005
41-17-26-151-013	41-17-26-301-028	41-17-27-249-006
41-17-26-151-014	41-17-26-301-029	41-17-27-249-008
41-17-26-151-015	41-17-26-301-030	41-17-27-249-009
41-17-26-151-016	41-17-26-370-013	41-17-27-249-010
41-17-26-151-017	41-17-26-370-014	41-17-27-249-011
	41-17-26-370-025	41-17-27-249-012
		41-17-27-249-013

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41-17-27-249-014	41-17-27-266-009	41-17-27-278-017
41-17-27-249-015	41-17-27-266-010	41-17-27-278-018
41-17-27-249-016	41-17-27-266-011	41-17-27-278-019
41-17-27-249-017	41-17-27-266-012	41-17-27-278-020
41-17-27-249-018	41-17-27-266-013	41-17-27-278-021
41-17-27-249-019	41-17-27-266-014	41-17-27-278-022
41-17-27-251-001	41-17-27-266-018	41-17-27-278-023
41-17-27-251-002	41-17-27-266-019	41-17-27-278-024
41-17-27-251-003	41-17-27-266-020	41-17-27-278-025
41-17-27-251-004	41-17-27-266-023	41-17-27-278-026
41-17-27-251-005	41-17-27-266-027	41-17-27-278-027
41-17-27-251-006	41-17-27-266-030	41-17-27-278-027
41-17-27-251-008	41-17-27-266-032	41-17-27-278-028
41-17-27-251-009	41-17-27-266-033	41-17-27-278-029
41-17-27-251-010	41-17-27-266-034	41-17-27-278-033
41-17-27-251-014	41-17-27-266-035	41-17-27-278-036
41-17-27-251-018	41-17-27-266-036	41-17-27-278-037
41-17-27-251-019	41-17-27-266-037	41-17-27-278-038
41-17-27-251-019	41-17-27-266-039	41-17-27-278-039
41-17-27-251-020	41-17-27-266-040	41-17-27-278-040
41-17-27-251-021	41-17-27-266-041	41-17-27-282-001
41-17-27-251-022	41-17-27-266-042	41-17-27-282-002
41-17-27-251-023	41-17-27-266-043	41-17-27-282-005
41-17-27-251-025	41-17-27-267-001	41-17-27-282-007
41-17-27-251-026	41-17-27-267-002	41-17-27-282-008
41-17-27-265-001	41-17-27-267-003	41-17-27-284-001
41-17-27-265-002	41-17-27-267-004	41-17-27-284-002
41-17-27-265-003	41-17-27-267-005	41-17-27-284-003
41-17-27-265-003	41-17-27-267-006	41-17-27-284-004
41-17-27-265-004	41-17-27-267-007	41-17-27-284-005
41-17-27-265-005	41-17-27-278-001	41-17-27-284-006
41-17-27-265-006	41-17-27-278-002	41-17-27-285-001
41-17-27-265-008	41-17-27-278-003	41-17-27-285-002
41-17-27-265-009	41-17-27-278-004	41-17-27-285-003
41-17-27-265-010	41-17-27-278-005	41-17-27-285-003
41-17-27-265-011	41-17-27-278-006	41-17-27-285-004
41-17-27-265-012	41-17-27-278-008	41-17-27-285-005
41-17-27-265-013	41-17-27-278-009	41-17-27-285-006
41-17-27-265-014	41-17-27-278-010	41-17-27-285-007
41-17-27-265-017	41-17-27-278-011	41-17-27-285-009
41-17-27-265-018	41-17-27-278-012	41-17-27-285-010
41-17-27-265-019	41-17-27-278-013	41-17-27-285-011
41-17-27-266-004	41-17-27-278-014	41-17-27-285-012
41-17-27-266-007	41-17-27-278-015	41-17-27-285-013
41-17-27-266-008	41-17-27-278-016	41-17-27-285-014

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41-17-27-285-015	41-17-27-401-003	41-17-27-430-030
41-17-27-285-016	41-17-27-401-004	41-17-27-430-031
41-17-27-286-001	41-17-27-401-005	41-17-27-435-001
41-17-27-286-002	41-17-27-401-006	41-17-27-435-002
41-17-27-286-003	41-17-27-402-001	41-17-27-435-007
41-17-27-286-004	41-17-27-402-002	41-17-27-435-008
41-17-27-286-005	41-17-27-402-003	41-17-27-435-009
41-17-27-286-006	41-17-27-402-004	41-17-27-452-023
41-17-27-286-007	41-17-27-402-006	41-17-27-452-024
41-17-27-286-008	41-17-27-403-001	41-17-27-452-025
41-17-27-286-009	41-17-27-403-002	41-17-27-452-026
41-17-27-286-010	41-17-27-403-003	41-17-27-456-004
41-17-27-286-011	41-17-27-403-004	41-17-27-456-005
41-17-27-286-012	41-17-27-403-005	41-17-27-456-006
41-17-27-286-013	41-17-27-404-001	41-17-27-461-003
41-17-27-286-014	41-17-27-404-002	41-17-27-461-004
41-17-27-286-017	41-17-27-404-003	41-17-27-461-005
41-17-27-286-018	41-17-27-404-006	41-17-27-461-006
41-17-27-286-019	41-17-27-404-007	41-17-27-470-012
41-17-27-286-020	41-17-27-404-008	41-17-27-470-013
41-17-27-286-021	41-17-27-404-009	41-17-27-470-014
41-17-27-286-022	41-17-27-404-010	41-17-27-470-015
41-17-27-286-023	41-17-27-404-011	41-17-27-470-016
41-17-27-286-024	41-17-27-404-011	41-17-27-470-019
41-17-27-286-025	41-17-27-404-012	41-17-27-470-020
41-17-27-286-026	41-17-27-404-013	41-17-27-470-022
41-17-27-286-027	41-17-27-404-014	41-17-27-472-001
41-17-27-286-028	41-17-27-404-016	41-17-27-472-002
41-17-27-286-029	41-17-27-427-001	41-17-27-472-003
41-17-27-286-030	41-17-27-430-001	41-17-27-472-004
41-17-27-286-034	41-17-27-430-002	41-17-27-472-005
41-17-27-286-035	41-17-27-430-006	41-17-27-472-006
41-17-27-286-037	41-17-27-430-007	41-17-27-474-001
41-17-27-286-038	41-17-27-430-008	41-17-27-474-003
41-17-27-286-039	41-17-27-430-009	41-17-27-474-004
41-17-27-286-041	41-17-27-430-010	41-17-27-474-014
41-17-27-286-042	41-17-27-430-011	41-17-27-474-015
41-17-27-286-043	41-17-27-430-012	41-17-27-474-016
41-17-27-286-044	41-17-27-430-013	41-17-27-474-033
41-17-27-287-001	41-17-27-430-015	41-17-27-476-018
41-17-27-287-002	41-17-27-430-017	41-17-27-476-019
41-17-27-287-003	41-17-27-430-018	41-17-27-476-020
41-17-27-401-001	41-17-27-430-019	41-17-27-476-021
41-17-27-401-002	41-17-27-430-020	41-17-27-476-022
41-17-27-401-003	41-17-27-430-023	41-17-28-226-002

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-802

41-17-28-226-003	41-17-28-244-007	41-17-28-425-003
41-17-28-226-004	41-17-28-244-008	41-17-28-425-003
41-17-28-226-005	41-17-28-244-009	41-17-28-425-004
41-17-28-226-006	41-17-28-244-010	41-17-28-425-005
41-17-28-226-007	41-17-28-244-011	41-17-28-425-006
41-17-28-226-008	41-17-28-244-011	41-17-28-425-008
41-17-28-226-009	41-17-28-244-012	41-17-28-425-009
41-17-28-226-010	41-17-28-244-013	41-17-28-425-010
41-17-28-226-012	41-17-28-244-014	41-17-28-425-011
41-17-28-227-001	41-17-28-244-016	41-17-28-425-012
41-17-28-227-002	41-17-28-244-017	41-17-28-425-013
41-17-28-227-003	41-17-28-244-018	41-17-28-425-014
41-17-28-227-004	41-17-28-244-019	41-17-28-425-015
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41-17-28-227-006	41-17-28-244-021	41-17-28-425-017
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41-17-28-227-008	41-17-28-245-002	41-17-28-425-019
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41-17-28-227-016	41-17-28-245-010	41-17-28-452-002
41-17-28-227-017	41-17-28-245-011	41-17-28-452-003
41-17-28-227-018	41-17-28-245-012	41-17-28-452-004
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41-17-28-227-020	41-17-28-245-015	41-17-28-476-016
41-17-28-227-021	41-17-28-245-016	41-17-28-476-017
41-17-28-227-022	41-17-28-245-017	41-17-35-126-001
41-17-28-227-023	41-17-28-245-018	41-17-35-126-002
41-17-28-227-025	41-17-28-245-019	41-17-35-176-006
41-17-28-227-026	41-17-28-245-020	41-17-35-201-006
41-17-28-227-027	41-17-28-246-014	41-17-35-201-009
41-17-28-227-028	41-17-28-246-015	41-17-35-201-019
41-17-28-227-039	41-17-28-246-016	41-17-35-201-023
41-17-28-227-042	41-17-28-246-019	41-17-35-201-026
41-17-28-244-001	41-17-28-246-020	41-17-35-201-028
41-17-28-244-002	41-17-28-246-026	41-17-35-201-059
41-17-28-244-003	41-17-28-276-021	41-17-35-201-060
41-17-28-244-004	41-17-28-284-008	41-17-35-201-061
41-17-28-244-005	41-17-28-284-009	41-17-35-201-067
41-17-28-244-006	41-17-28-284-010	41-17-35-201-068

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-802

41-17-35-201-070	41-18-19-327-060	41-18-19-328-067
41-17-35-202-001	41-18-19-327-061	41-18-19-328-070
41-17-35-202-002	41-18-19-327-062	41-18-19-328-071
41-17-35-202-003	41-18-19-327-063	41-18-19-328-072
41-17-36-201-037	41-18-19-327-064	41-18-19-328-074
41-18-19-302-046	41-18-19-327-065	41-18-19-328-075
41-18-19-327-003	41-18-19-327-066	41-18-19-328-076
41-18-19-327-007	41-18-19-328-001	41-18-19-328-077
41-18-19-327-008	41-18-19-328-002	41-18-19-328-078
41-18-19-327-011	41-18-19-328-003	41-18-19-328-079
41-18-19-327-012	41-18-19-328-004	41-18-19-328-082
41-18-19-327-013	41-18-19-328-005	41-18-19-328-083
41-18-19-327-014	41-18-19-328-008	41-18-19-329-001
41-18-19-327-015	41-18-19-328-009	41-18-19-329-002
41-18-19-327-016	41-18-19-328-012	41-18-19-329-003
41-18-19-327-017	41-18-19-328-013	41-18-19-329-009
41-18-19-327-018	41-18-19-328-014	41-18-19-329-011
41-18-19-327-020	41-18-19-328-015	41-18-19-329-012
41-18-19-327-021	41-18-19-328-017	41-18-19-329-013
41-18-19-327-027	41-18-19-328-018	41-18-19-329-014
41-18-19-327-028	41-18-19-328-019	41-18-19-329-015
41-18-19-327-033	41-18-19-328-020	41-18-19-401-003
41-18-19-327-034	41-18-19-328-021	41-18-19-401-004
41-18-19-327-035	41-18-19-328-022	41-18-19-401-009
41-18-19-327-036	41-18-19-328-023	41-18-19-401-010
41-18-19-327-037	41-18-19-328-024	41-18-19-402-002
41-18-19-327-038	41-18-19-328-025	41-18-19-402-012
41-18-19-327-039	41-18-19-328-026	41-18-19-402-013
41-18-19-327-042	41-18-19-328-029	41-18-19-402-014
41-18-19-327-043	41-18-19-328-030	41-18-19-402-017
41-18-19-327-044	41-18-19-328-033	41-18-19-402-018
41-18-19-327-045	41-18-19-328-034	41-18-19-402-020
41-18-19-327-046	41-18-19-328-036	41-18-19-402-021
41-18-19-327-047	41-18-19-328-039	41-18-19-402-022
41-18-19-327-048	41-18-19-328-040	41-18-19-402-023
41-18-19-327-049	41-18-19-328-042	41-18-19-402-024
41-18-19-327-050	41-18-19-328-043	41-18-19-402-025
41-18-19-327-051	41-18-19-328-043	41-18-19-402-026
41-18-19-327-051	41-18-19-328-045	41-18-19-402-027
41-18-19-327-052	41-18-19-328-050	41-18-19-402-027
41-18-19-327-053	41-18-19-328-051	41-18-19-402-028
41-18-19-327-054	41-18-19-328-052	41-18-19-402-029
41-18-19-327-057	41-18-19-328-064	41-18-19-402-030
41-18-19-327-058	41-18-19-328-065	41-18-19-403-009
41-18-19-327-059	41-18-19-328-066	41-18-19-403-017

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO DECLARE THE NECESSITY OF ESTABLISHING A SPECIAL  
ASSESSMENT DISTRICT FOR THE PURPOSE OF PROVIDING AERIAL INSECTICIDE  
SPRAY FOR A GYPSY MOTH SUPPRESSION PROGRAM,  
SPECIAL ASSESSMENT ROLL 18-803

WHEREAS:

1. The City Council, after due and legal notice, has met and heard all persons to be affected by the proposed public improvement, hereafter described as: Aerial Insecticide Spray for a Gypsy Moth Suppression Program – Special Assessment Roll 18-803.
2. Any objections offered by those persons owning property to be assessed for this improvement were not deemed by the Council to render the improvement inadvisable, unnecessary or improper.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council determines to make the following public improvement and to defray all costs by special assessment upon the property specifically benefitted: City of Wyoming Gypsy Moth Suppression Program 2018, Special Assessment Roll 18-803.
2. The City Council approves the plans and specifications for the aforesaid public improvement to be approximately \$88,000.00.
3. The City Council determines that of the total estimated cost, the sum of \$75.00 per treated acre is to be paid through special assessment upon the property specifically benefitted, and that all additional related costs shall be the obligation of the City at large because of the benefit to each.
4. The City Council determines that the special assessment upon the property specifically benefitted shall remain active but deferred until the completion of the aerial spray. At the time of completion of the aerial spray, the special assessment shall be billed with the City tax bill in one (1) one-time installment and shall be due and payable on August 31, in the year after completion of the aerial spray. Interest on the unpaid balance will be added as provided in the City Charter in the same manner as interest on late payment of taxes
5. The City Council designates the following described property as the special assessment district upon which the special assessment shall be levied: (See Attached Parcel List)
6. The City Manager shall direct the City Assessor to prepare a Special Assessment Roll, including all lots and parcels of land within the special assessment district as designated, and the Assessor shall assess to each lot or parcel of land, the fee of \$75.00 per treated acre to be levied against all lands in the special assessment district, as the benefit to such lot or parcel of land bears to the total benefits to all lands in such district.
7. When the Assessor has completed the assessment roll, he shall file the assessment roll with the City Clerk, as required by Section 66-9 of the Code of the City of Wyoming.
8. Property owners may appeal the assessment to the Michigan Tax Tribunal within 30 days after confirmation of the assessment roll. Appearance and protest at the local hearing is required in order to appeal the amount of the special assessment to the Michigan Tax Tribunal. An owner or party in interest, or his agent, may appear in person at the hearing, or may file his appearance or protest by letter and his personal appearance shall not be required.

Moved by Councilmember:  
Seconded by Councilmember:  
Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

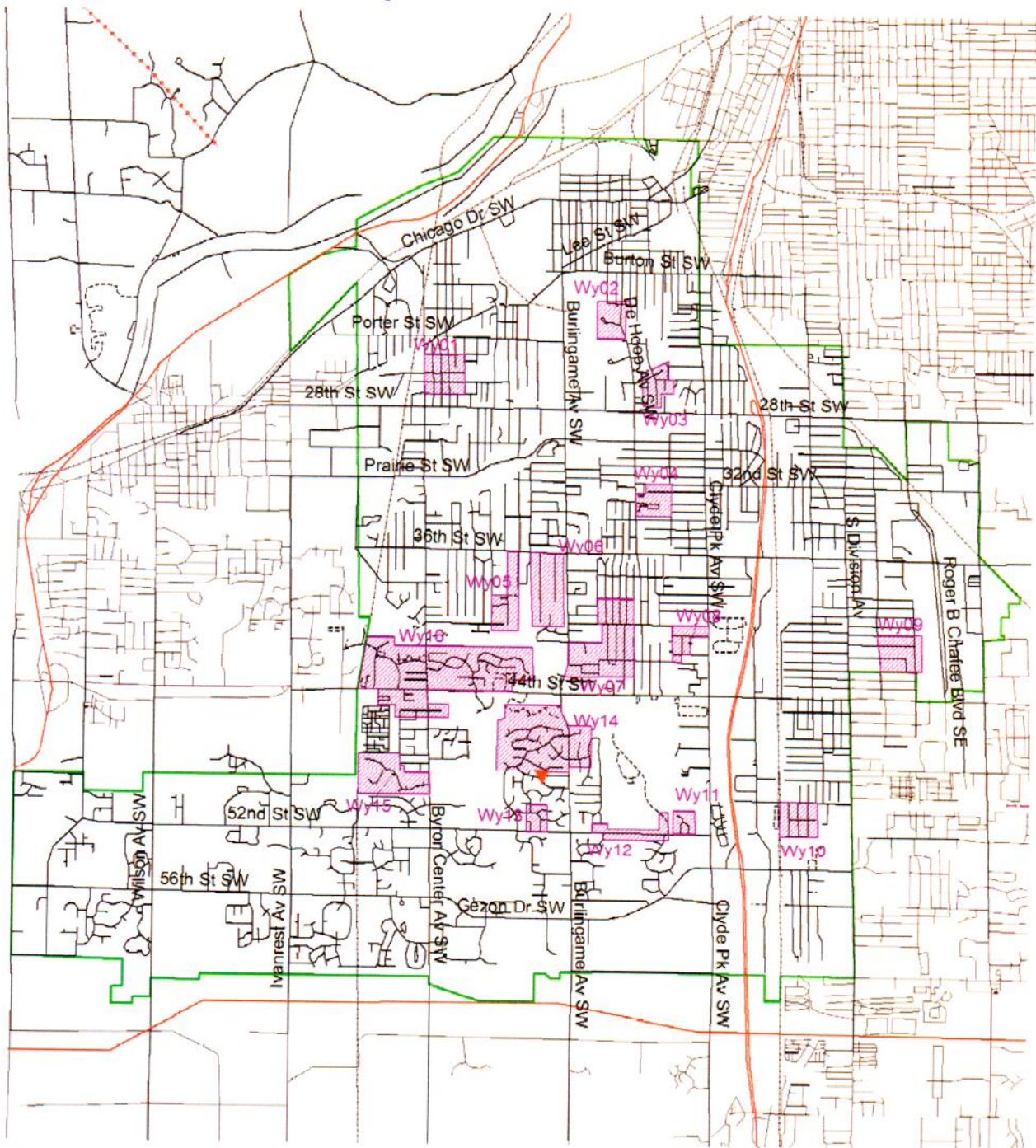
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Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENTS:  
Aerial Spray Map  
Parcel List

Resolution No. \_\_\_\_\_

# City of Wyoming Gypsy Moth Survey Report for 2018 Season



**Shaded Areas are Recommended  
for Aerial Spray in Spring 2018**



**— City Border**  
2017 Aquatic Consulting Services

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-803

41-17-10-327-008	41-17-22-202-057	41-17-22-378-007
41-17-11-101-012	41-17-22-202-058	41-17-22-383-001
41-17-11-126-028	41-17-22-202-059	41-17-22-402-004
41-17-11-131-016	41-17-22-202-061	41-17-22-402-014
41-17-11-131-018	41-17-22-226-011	41-17-22-403-005
41-17-11-131-019	41-17-22-226-015	41-17-22-403-006
41-17-11-176-005	41-17-22-226-018	41-17-22-403-007
41-17-11-176-005	41-17-22-226-021	41-17-22-403-008
41-17-11-176-005	41-17-22-226-022	41-17-22-404-005
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41-17-11-402-046	41-17-22-226-025	41-17-22-455-016
41-17-11-453-026	41-17-22-226-026	41-17-22-456-011
41-17-11-453-035	41-17-22-226-032	41-17-22-456-018
41-17-11-476-034	41-17-22-226-033	41-17-23-303-019
41-17-14-402-007	41-17-22-227-002	41-17-23-303-022
41-17-14-402-012	41-17-22-227-003	41-17-23-303-033
41-17-14-402-015	41-17-22-227-006	41-17-23-303-035
41-17-14-402-018	41-17-22-227-008	41-17-23-303-036
41-17-14-402-027	41-17-22-227-009	41-17-23-303-039
41-17-14-402-028	41-17-22-227-013	41-17-23-303-042
41-17-14-402-034	41-17-22-227-014	41-17-23-303-043
41-17-14-402-038	41-17-22-227-085	41-17-23-303-044
41-17-14-404-001	41-17-22-227-091	41-17-23-303-045
41-17-21-426-008	41-17-22-227-094	41-17-23-303-046
41-17-21-451-016	41-17-22-227-095	41-17-23-326-001
41-17-21-451-017	41-17-22-227-097	41-17-23-328-019
41-17-21-451-022	41-17-22-227-098	41-17-23-329-035
41-17-21-451-026	41-17-22-227-100	41-17-23-329-035
41-17-21-451-034	41-17-22-227-101	41-17-23-354-043
41-17-21-451-037	41-17-22-228-031	41-17-23-376-001
41-17-21-451-038	41-17-22-228-064	41-17-23-426-046
41-17-21-451-038	41-17-22-228-069	41-17-23-428-002
41-17-21-451-038	41-17-22-228-100	41-17-25-100-008
41-17-21-451-038	41-17-22-228-108	41-17-25-451-012
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41-17-22-201-051	41-17-22-228-110	41-17-25-451-036
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41-17-22-202-055	41-17-22-354-061	41-17-25-476-017
41-17-22-202-056	41-17-22-354-068	41-17-25-476-020
	41-17-22-374-012	41-17-25-476-027
		41-17-25-476-028

Parcel Numbers for Gypsy Moth Suppression Program, Special Assessment 18-803

41-17-25-476-030	41-17-27-470-005
41-17-25-503-002	41-17-27-470-021
41-17-26-101-079	41-17-27-474-002
41-17-26-151-007	41-17-27-477-001
41-17-26-151-010	41-17-28-201-015
41-17-26-151-011	41-17-28-201-029
41-17-26-151-021	41-17-28-201-032
41-17-26-154-002	41-17-28-201-033
41-17-26-154-028	41-17-28-201-035
41-17-26-301-001	41-17-28-226-012
41-17-26-401-001	41-17-28-227-039
41-17-26-476-001	41-17-28-227-040
41-17-26-476-011	41-17-28-227-041
41-17-26-477-001	41-17-28-227-042
41-17-27-101-019	41-17-28-276-020
41-17-27-101-022	41-17-28-326-002
41-17-27-126-012	41-17-28-401-008
41-17-27-176-001	41-17-28-401-011
41-17-27-201-016	41-17-35-126-001
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41-17-27-201-023	41-17-35-126-003
41-17-27-201-030	41-17-35-126-004
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41-17-27-251-012	41-18-19-328-044
41-17-27-251-013	41-18-19-328-063
41-17-27-251-015	41-18-19-329-008
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41-17-27-251-017	41-18-19-329-035
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41-17-27-266-003	41-18-19-403-015
41-17-27-266-015	41-18-19-403-016
41-17-27-266-024	
41-17-27-266-026	
41-17-27-266-038	
41-17-27-278-041	
41-17-27-286-033	
41-17-27-300-037	
41-17-27-402-005	
41-17-27-404-017	
41-17-27-430-014	
41-17-27-430-016	

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO APPROVE AMENDMENT 40  
IN THE ARTICLES OF INCORPORATION  
OF GRAND VALLEY METROPOLITAN COUNCIL

WHEREAS:

1. The members of Grand Valley Metropolitan Council (“Metro Council”) have by majority vote approved Amendment No. 40 (Addition of the Village of Caledonia) in the Articles of Incorporation of Grand Valley Metropolitan Council.
2. The amendments have now been submitted for approval by the legislative bodies of the local governmental units that belong to Metro Council.
3. The City Council of the City of Wyoming has considered Amendment No. 40 in the Articles of Incorporation of Metro Council.

NOW, THEREFORE, BE IT RESOLVED:

1. Amendment No. 40 in the Articles of Incorporation of Grand Valley Metropolitan Council is hereby approved.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENT:

Amendment No. 40

Resolution No. \_\_\_\_\_

## **AMENDMENT NO. 40**

### **To Add the Village of Caledonia as a Member**

1. The first paragraph of the Articles of Incorporation is hereby amended to read in its entirety as follows:

#### **ARTICLES OF INCORPORATION GRAND VALLEY METROPOLITAN COUNCIL**

These Articles of Incorporation are adopted and executed by the incorporating units ("Units"), the City of Grand Rapids, the City of Kentwood, the City of East Grand Rapids, the City of Grandville, the City of Rockford, the City of Hudsonville, the City of Cedar Springs, Byron Township, Plainfield Township, Alpine Township, Gaines Township, Kent County, Grand Rapids Township, Algoma Township, City of Coopersville, City of Greenville, City of Ionia, City of Walker, Courtland Township, City of Wayland, City of Hastings, Village of Middleville, Tallmadge Township, Georgetown Township, Ottawa County, Caledonia Township, Cannon Township, Allendale Township, Cascade Township, Jamestown Township, the City of Wyoming, the City of Lowell, the City of Belding, Ada Township, the Village of Sand Lake, Lowell Township, Nelson Township, the Village of Sparta, and the Village of Caledonia for the purpose of constituting a Metropolitan Council pursuant to the provisions of Act No. 292 of the Michigan Public Acts of 1989 (the "Act").

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO APPROVE THE ATTACHED APPLICATION FOR WAIVER AND  
PLAN AS SHOWN ON MICHIGAN DEPARTMENT OF TREASURY FORM 5584

WHEREAS:

1. In 2017, the Michigan Legislature and Governor approved Public Act 202, Protecting Local Government Retirement and Benefits Act.
2. The City of Wyoming received notice from the Michigan Department of Treasury regarding the preliminary review of underfunded status for the City's Retiree Health Care Plan.
3. The preliminary review shows that the Retiree Health Care Plan is considered underfunded by the Michigan Department of Treasury.
4. The City is eligible to apply for a waiver.
5. The attached Michigan Department of Treasury Form 5584 has been completed in response to the preliminary notice of underfunding.
6. Approval of the application for waiver and plan is required by the governing body.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby approve the attached application for waiver and plan as completed by the City's Finance Director and as shown on the Michigan Department of Treasury Form 5584.
2. The City Council does hereby authorize the City Manager to approve the application for waiver and plan.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENTS:

Michigan Department of Treasury 5584 and required attachments  
Public Act 202

Resolution No. \_\_\_\_\_

# Protecting Local Government Retirement and Benefits Act

## Application for Waiver and Plan: Retirement Health Benefit Systems

Issued under authority of Public Act 202 of 2017.

### 1. MUNICIPALITY INFORMATION

Local Unit Name: \_\_\_\_\_ Six-Digit Muni Code: \_\_\_\_\_  
Retirement Health Benefit System Name: \_\_\_\_\_  
Contact Name (Administrative Officer): \_\_\_\_\_  
Title if not Administrative Officer: \_\_\_\_\_  
Email: \_\_\_\_\_ Telephone: \_\_\_\_\_

### 2. GENERAL INFORMATION

**Application for Waiver and Plan:** This Application for Waiver and Plan may be filed by any local unit of government with at least one retirement health benefit system that has triggered a preliminary review of underfunded status. In accordance with Public Act 202 of 2017 (the Act), if the state treasurer determines that the underfunded status is adequately being addressed by the local unit of government, the state treasurer shall issue a waiver of the determination of underfunded status. If requesting a waiver, you must submit a separate and unique application for each underfunded retirement system as determined by the *2017 Retirement System Annual Report (Form 5572)*.

**Due Date:** The local unit of government has **45 days from the date of notification** to complete and file the Application for Waiver and Plan. Failure to file within 45 days will result in a determination of underfunded status for your local unit of government as defined by the Act, and your local unit of government will be required to submit a corrective action plan to the Municipal Stability Board for approval.

**Filing:** This Application for Waiver and Plan must be approved by the local government's administrative officer and its governing body. **You must provide proof of your governing body approving this Application for Waiver and Plan and attach the documentation as a separate PDF document.** Failure to provide documentation that demonstrates approval from your governing body will automatically result in a denial of the waiver application.

The completed application must be submitted via email to [LocalRetirementReporting@michigan.gov](mailto:LocalRetirementReporting@michigan.gov). **If you have multiple underfunded retirement systems, you are required to complete separate applications and send a separate email for each underfunded system.** Please attach each application as a separate PDF document in addition to all applicable supporting documentation.

The subject line of the email(s) should be in the following format: **Waiver-2017, Local Unit Name, Retirement System Name** (e.g. Waiver-2017, City of Lansing, Employees' Retirement System OPEB Plan). Treasury will send an automatic reply acknowledging receipt of the email. Your individual email settings must allow for receipt of Treasury's automatic reply. This will be the only notification confirming receipt of the application(s).

**Considerations for Waiver:** A successful Application for Waiver and Plan will demonstrate what your local unit **has already done** to adequately address its underfunded status. Prospective solutions will not be granted merit in determining the outcome of the waiver application (e.g. future amendments to collective bargaining agreements, upcoming millage proposals, potential budget changes, etc.). However, Treasury may consider additional ongoing funding dedicated to your retirement system if those commitments have been formally enacted by the governing body and can be documented. Section three of this waiver application allows the local unit of government to enter a brief description

of prior actions that have already been implemented to adequately address its underfunded status. For purposes of Sec. 6.(1) of the Act, this application will also be considered the plan.

Underfunded status for a retirement health system is defined as being less than 40% funded according to the most recent audited financial statements, and, if the local unit of government is a city, village, township, or county, the annual required contribution for all of the retirement health systems of the local unit of government is greater than 12% of the local unit of government's annual governmental fund revenues, based on the most recent fiscal year.

### 3. DESCRIPTION OF PRIOR ACTIONS

Prior actions are separated into three categories below: System Design Changes, Additional Funding, and Other Considerations. Please provide a brief description of the prior actions implemented by the local government to address the retirement system's underfunded status within the appropriate category section. Within each category are sample statements that you may choose to use to indicate the changes to your system that will positively affect your funded status. For retirement systems that have multiple divisions, departments, or plans within the same retirement system, please indicate how these changes impact the retirement **system** as a whole.

Please indicate where in the attached supporting documentation these changes are described and the impact of those changes (i.e. what has the local unit of government done to improve its underfunded status, and where can we find the proof of these changes in the supporting documentation?).

**Note:** Please provide the name of the system impacted, the date you made the change, the relevant page number(s) within the supporting documentation, and the resulting change to the system's funded ratio.

#### Category of Prior Actions:

- System Design Changes** - System design changes may include the following: Changes to coverage levels (including retiree co-payments, deductibles, and Medicare eligibility), changes to premium cost-sharing, eligibility changes, switch to defined contribution retiree health care plan, changes to retiree health care coverage for new hires, etc.

**Sample Statement:** *Benefit levels of the retired membership mirrors the current collective bargaining agreement for each class of employee. On **January 1, 2017**, the local unit entered into new collective bargaining agreements with the **Command Officers Association** and **Internal Association of Firefighters** that increased employee co-payments and deductibles for healthcare. These coverage changes resulted in an improvement to the retirement system's funded ratio. Please see page **12** of the attached actuarial analysis that indicates the system is **40%** funded as of **June 30, 2017**.*

**Enter System Design Statement here:**

- Additional Funding** – Additional funding may include the following: voluntary contributions above the annual required contribution, bonding, millage increases, restricted funds, etc.

**Sample Statement:** *The local unit created a qualified trust to receive, invest, and accumulate assets for retirement healthcare on **June 23, 2016**. The local unit of government has adopted a policy to change its funding methodology from Pay-*

Go to full funding of the Annual Required Contribution (ARC). Additionally, the local unit has committed to contributing **\$500,000** annually, in addition to the ARC for the next five fiscal years. The additional contributions will increase the retirement system's funded ratio to **40%** by **2022**. Please see page **10** of the attached resolution from our governing body demonstrating the commitment to contribute the ARC and additional **\$500,000** for the next five years.

**Enter Additional Funding Statement here:**

- Other Considerations** – Other considerations may include the following: outdated Form 5572 information, enterprise fund revenue considerations, actuarial assumption changes, amortization policy changes, etc.

**Sample Statement:** *The information provided on the Form 5572 from the audit used actuarial data from **2015**. Attached is an updated actuarial valuation for **2017** that shows our funded ratio has improved to **62%** as indicated on page **13**.*

**Sample Statement:** ***50%** of our retirement liabilities are attributable to employees within our enterprise divisions as shown in the attached analysis, yet we could not include enterprise revenue as part of our governmental funds. The attached analysis shows that our revenue ratio (ARC / Total Governmental Funds) would only be **5%** when including enterprise funds within the calculation.*

**Enter Other Considerations Statement here:**

#### **4. DOCUMENTATION ATTACHED TO THIS WAIVER APPLICATION AND PLAN**

Documentation must be attached as a .pdf to this waiver application. The documentation must demonstrate the prior actions that have already been implemented to adequately address the local unit of government's underfunded status. Please ensure this documentation directly supports and highlights the systems funded ratio as entered in section three of the waiver application above. Please check all documents that are included as part of this application and attach in successive order as provided below:

Naming Convention: When attaching documents please use the naming convention shown below. If there is more than one document in a specific category that needs to be submitted, include a, b, or c for each document. For example, if you are submitting two supplemental valuations, you would name the first document "Attachment 2a" and the second document "Attachment 2b".

*Continued on page 4*

**Naming Convention**

- Attachment – 1
- Attachment – 1a
  
- Attachment – 2a
  
- Attachment – 3a
- Attachment – 4a
  
- Attachment – 5a
  
- Attachment – 6a
  
- Attachment – 7a

**Type of Document**

**This Waiver Application and Plan (Required)**

**Documentation from the governing body approving the Waiver Application and Plan (Required)**

Actuarial Analysis (annual valuation, supplemental valuation, projection)

Internally Developed Projection Study

Documentation of additional payments in past years that is not reflected in your audited financial statements (e.g. enacted budget, system provided information).

Documentation of commitment to additional payments in future years (e.g. resolution, ordinance)

A plan that the local unit has already approved to address its underfunded status, which includes documentation of prior actions and the positive impact on the system’s funded ratio

Other documentation, not categorized above

**5. LOCAL UNIT OF GOVERNMENT’S ADMINISTRATIVE OFFICER APPROVAL OF WAIVER APPLICATION AND PLAN**

I \_\_\_\_\_, as the government’s administrative officer (*enter title*) \_\_\_\_\_ (Ex: City/Township Manager, Executive director, Chief Executive Officer, etc.) approve this Application for Waiver and Plan. We are requesting a waiver of underfunded status, because we have already implemented substantial changes to our retirement system as described above.

I confirm to the best of my knowledge that because of the changes listed above the following statement will occur:

The **Retirement Health Benefit System listed below** will achieve a funded status of at least 40% by the Fiscal Year listed below.

Retirement Health Benefit System Name: \_\_\_\_\_ Fiscal Year: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

City of Wyoming  
Retiree Health Care Plan  
Actuarial Valuation Report  
June 30, 2017



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September 15, 2017

Ms. Rosa R. Ooms  
Finance Director  
City of Wyoming  
1155 28<sup>th</sup> Street, S.W.  
Wyoming, Michigan 49509

Dear Rosa:

Submitted in this report are the results of an actuarial valuation of the benefit values associated with the employer financed Other Postemployment Benefits provided by the City of Wyoming. The date of the valuation was June 30, 2017.

This report was prepared at the request of the City and is intended for use by the City and those designated or approved by the City. This report may be provided to parties other than the City only in its entirety and only with the permission of the City. This report should not be relied on for any purpose other than the purpose described in the primary communication. GRS is not responsible for unauthorized use of this report.

The purposes of the valuation are to measure the Plan's funding progress and to determine the Actuarially Computed Employer Contributions for the fiscal years ending June 30, 2018 and June 30, 2019. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different. This report is not compliant with GASB Statements No. 74 or No. 75.

The valuation was based upon information furnished by the City concerning Plan benefits, individual members, and plan finances. We checked for internal and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the City.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law.

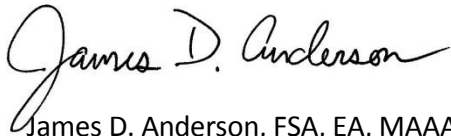
Ms. Rosa R. Ooms  
City of Wyoming  
September 15, 2017  
Page 2

The signing actuaries are independent of the plan sponsor.

James D. Anderson and Mark Buis are Members of the American Academy of Actuaries (MAAA), and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the plan as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices and with the Actuarial Standards of Practice issued by the Actuarial Standards Board.

Respectfully submitted,



James D. Anderson, FSA, EA, MAAA



Mark Buis, FSA, EA, FCA, MAAA

JDA/MB:mrb

C0272



# EXECUTIVE SUMMARY

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# Executive Summary

## Actuarially Computed Employer Contribution

Please note that beginning with the fiscal year ending June 30, 2017, GASB Statement No. 43 will be replaced by GASB Statement No. 74. Also, beginning with the fiscal year ending June 30, 2018, GASB Statement No. 45 will be replaced by GASB Statement No. 75. A separate GASB report will be required to comply with the actuarial requirements of GASB Statement No. 74 beginning with the fiscal year ending June 30, 2017 and GASB Statement No. 75 beginning with the fiscal year ending June 30, 2018. As such there will no longer be an “Annual Required Contribution” calculated in the valuation reports. Therefore, we have determined the “Actuarially Computed Employer Contribution” for subsequent years.

We have calculated the Actuarially Computed Employer Contribution for the fiscal years beginning July 1, 2017, July 1, 2018, and July 1, 2019. The Actuarially Computed Employer Contribution for the fiscal year beginning July 1, 2017 is \$10,076,828. The Actuarially Computed Employer Contribution is \$10,061,933 for the year beginning July 1, 2018. The Actuarially Computed Employer Contribution is \$9,878,994 for the year beginning July 1, 2019. The expected employer retiree health care claims and premium amounts paid during the fiscal years beginning July 1, 2017, July 1, 2018, and July 1, 2019 are estimated to be \$4,470,530, \$4,879,336, and \$5,179,279 respectively. These amounts reflect the employer portion of the retiree only premium rates and the implicit subsidy for retirees and covered spouses.

For additional details, please see Section B of this report.

## Liabilities and Assets

The present value of all benefits expected to be paid to current plan members as of June 30, 2017 is \$171,104,434. The actuarial accrued liability, which is the portion of the \$171,104,434 attributable to service accrued by plan members as of June 30, 2017, is \$152,138,336. The assets currently set aside for GASB OPEB purposes as of June 30, 2017 are \$36,651,187. The OPEB liabilities are currently 24.1% funded.

Results as of June 30, 2017 reflect the use of a 4.0% investment return assumption for all pay-as-you-go groups (General, Other Funds B, Police, and Fire) and 7.25% investment return assumption for all fully-funding groups (Other Funds A). This assumption was changed from the previous valuation assumption of 4.0% for all groups. This change resulted in a decrease to computed liabilities and the Actuarially Computed Employer Contribution for the Other Funds A group.

## SECTION A

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### VALUATION RESULTS AND COMMENTS

## Computation of the Actuarially Computed Employer Contributions for Fiscal Years Beginning July 1 of 2017, 2018, and 2019

Annual Required Contributions for	Annual Required Contributions					
	Fire	General	Other Funds A	Other Funds B	Police	Total
Normal Cost						
Age & Service Benefits	\$ 213,309	\$ 383,789	\$ 158,278	\$ 513,707	\$ 580,078	\$ 1,849,161
Death and Disability Benefits	10,510	44,481	16,278	60,709	42,607	174,585
Termination Benefits						
Vested Age & Service Benefits	<u>10,959</u>	<u>62,095</u>	<u>21,950</u>	<u>101,065</u>	<u>43,656</u>	<u>239,725</u>
Total Normal Cost	234,778	490,365	196,506	675,481	666,341	2,263,471
Unfunded Actuarial Accrued Liabilities	971,975	1,736,298	779,636	2,200,052	2,125,396	7,813,357
Fiscal Year Beginning 2017						
Actuarially Computed Employer Contribution	\$ 1,206,753	\$ 2,226,663	\$ 976,142	\$ 2,875,533	\$ 2,791,737	\$ 10,076,828
Fiscal Year Beginning 2018						
Actuarially Computed Employer Contribution	\$ 1,202,427	\$ 2,214,844	\$ 980,015	\$ 2,887,672	\$ 2,776,975	\$ 10,061,933
Fiscal Year Beginning 2019						
Actuarially Computed Employer Contribution	\$ 1,181,068	\$ 2,166,441	\$ 956,377	\$ 2,849,507	\$ 2,725,601	\$ 9,878,994

The unfunded actuarial accrued liabilities were amortized as a level dollar amount over a closed period of 23 years for the fiscal year beginning July 1, 2017.

The assumptions underlying the liabilities shown above include the health care trend rates shown on page E-3.

## Determination of Unfunded Accrued Liability as of June 30, 2017

	Fire	General	Other Funds A	Other Funds B	Police	Total
A. Actuarial Accrued Liability:						
1. For retirees and beneficiaries	\$11,593,756	\$18,981,828	\$12,148,183	\$25,561,477	\$23,891,844	\$ 92,177,088
2. For vested terminated members	348,903	5,320,246	1,783,813	4,809,076	3,429,310	15,691,348
3. For present active members:						
a. Value of expected future benefits payments	6,370,776	12,656,499	6,274,715	18,760,699	19,173,309	63,235,998
b. Value of future normal costs	1,644,387	3,651,835	1,434,570	6,928,518	5,306,788	18,966,098
c. Active members liability: (a) - (b)	4,726,389	9,004,664	4,840,145	11,832,181	13,866,521	44,269,900
4. Total	16,669,048	33,306,738	18,772,141	42,202,734	41,187,675	152,138,336
B. Valuation Assets	1,941,652	6,998,281	9,860,183	8,867,473	8,983,598	36,651,187
C. Unfunded Accrued Liability: (A.4) - (B)	\$14,727,396	\$26,308,457	\$ 8,911,958	\$33,335,261	\$32,204,077	\$115,487,149
D. Percent Funded: (B)/(A.4)						24.1%

The assumptions underlying the liabilities shown above include the health care trend rates on page E-3.

Valuation assets of \$36,651,187 are held in GASB qualified trusts. Final determination of whether assets can be considered “plan assets” for GASB purposes should be made through consultation with the City’s auditors.

## Comments

**COMMENT A:** One of the key assumptions used in any valuation of the cost of postemployment benefits is the rate of return on Plan assets. Lower returns will tend to increase the computed Actuarially Computed Employer Contribution. We have assumed that the trust asset return will be 4.0% for pay-as-you-go groups (General, Other Funds B, Police, and Fire) and 7.25% for fully-funding groups (Other Funds A) per year, net of expenses. The City has generally contributed amounts to the Retiree Health Care Plan that were closer to the paygo cost than the Actuarially Computed Employer Contribution.

**COMMENT B:** Prior to the June 30, 2015 valuation, employer contributions were calculated for the General, Police, and Fire groups. For the June 30, 2015 valuations, the General group was further subdivided into four total groups: Motor Pool, Clean Water Plant, Water Treatment Plan, and the remaining General employees. The June 30, 2017 valuation reflects an additional reorganization of the employer groups. For the June 30, 2017 valuation, employer contributions were calculated for each of the following five main groupings (subgroups have been included for informational purposes if available):

- Other Funds A
  - Motor Pool (MP)
  - Clean Water Plant (CWP)
  - Water Treatment Plan (WTP)
  - Risk
- Other Funds B
  - Public Works (PW)
  - Parks
  - Housing
  - Building Inspections (BI)
- General
- Police
- Fire

**COMMENT C:** The Patient Protection and Affordable Care Act includes an excise tax on high cost (Cadillac) health plans beginning in 2020. The excise tax is 40% of costs above a threshold. For this valuation a 2.0% load was applied to the health care liabilities to approximate the cost for future excise tax, based on the current Plan provisions and assumptions.

## Comments

**COMMENT D:** The factors primarily responsible for changes in results from the previous valuation are as follows. The change to the investment return assumption shown below, favorable claims experience, and change in benefit provisions described below served to decrease the computed valuation results, but partially offsetting the decrease was an increase due to resetting the health care trend assumption. The decrease in actuarial accrued liabilities due to the change to the investment return assumption and benefit provisions was roughly \$10.1 million.

- The investment return assumption for the Other Funds A group was increased from 4.0% to 7.25%.
- Claims experience during the two-year period ending June 30, 2017 was more favorable than expected.
- Implementing a cost-sharing arrangement for future General Non-Administrative retirees hired before February 7, 2006.

**COMMENT E:** Consider pre-funding the retiree health program. If the City wishes to maintain the level of benefits currently in place, the likelihood improves considerably if the Actuarially Computed Employer Contribution is contributed each year.

## **SECTION B**

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### **RETIREE PREMIUM RATE DEVELOPMENT**

## Retiree Premium Rate Development

Initial premiums were developed for the two classes of retirees (pre-65 and post-65), using actual claims data provided by Priority Health, the City's TPA, for the retired participants of the City of Wyoming's medical benefit program.

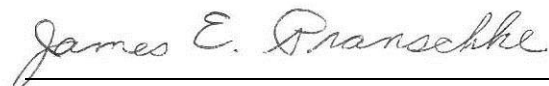
The self-insured initial premium rates were developed separately for each class (pre-65 and post-65). The rates were calculated by using paid claims experience and exposure data for the period of July 2014 to June 2017 adjusted for catastrophic claims, plus the load for administration, network access fee, and stop loss premiums. The Medical data was analyzed for the pre-65 and post-65 participants separately since Medicare is available for the post-65 participants and has a significant impact on the claim experience. Furthermore, since the prescription drug claims and the medical claims exhibit different trends and claim payment patterns, we analyzed these claims separately.

Age graded and sex distinct premiums are utilized by this valuation. The premiums developed by the preceding process are appropriate for the unique age and sex distribution currently existing. Over the future years covered by this valuation, the age and sex distribution will most likely change. Therefore, our process "distributes" the average premium over all age/sex combinations and assigns a unique premium for each combination. The age/sex specific premiums more accurately reflect the health care utilization and cost at that age. The age-graded premiums are shown below:

Age	Premium Rates by Age for Medical and Prescription Drugs	
	Male	Female
40	\$ 361.46	\$ 587.34
50	585.92	721.79
60	995.79	980.51
64	1,210.91	1,142.77
65	500.10	471.70
75	585.12	570.95
85	618.73	626.01

Please note that these premiums reflect the medical and prescription drug coverage only. We did not value the dental or vision benefits at this time.

James E. Pranschke is a Member of the American Academy of Actuaries (MAAA) and meets the Qualification Standards of the American Academy of Actuaries to certify the per capita retiree health care rates shown above.



James E. Pranschke, FSA, MAAA

## SECTION C

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### PROJECTION OF RETIREE HEALTH PAYOUTS

## Projection of Retiree Health Payouts

Year Ending June 30,	Projection of Retiree Health Payouts
2018	\$ 4,470,530
2019	4,879,336
2020	5,179,279
2021	5,445,717
2022	5,675,309
2023	5,945,165
2024	6,315,706
2025	6,756,156
2026	7,227,475
2027	7,807,655
2028	8,363,175
2029	8,839,910
2030	9,261,705
2031	9,779,120
2032	10,174,779
2033	10,481,426
2034	10,851,573
2035	11,078,778
2036	11,052,228
2037	11,190,056

## SECTION D

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### SUMMARY OF BENEFIT PROVISIONS AND VALUATION DATA

# City of Wyoming Retiree Health Care Plan

## Fire Non-Command Employees

### Summary of Benefits as of June 30, 2017

#### PLAN PARTICIPANTS

Fire Non-Command employees of the City of Wyoming are eligible to receive retiree health care benefits.

#### RETIREE HEALTH CARE BENEFITS

**Members hired before 7/1/2005 and retiring before 9/6/2005:** \$10 per month times years of credited service, not to exceed 30 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Members hired before 7/1/2005 and retiring before 10/2/2009:** \$15 per month times years of credited service, not to exceed 30 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Members hired before 7/1/2005 and retiring after 10/1/2009:** \$20 per month times years of credited service, not to exceed 30 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Members retiring after 7/1/2015 and not in PEHP:** Retirees will share the cost of health care according to the following schedule:

<u>Years of Service</u>	<u>Retiree Cost Share</u>
Less than 10	Not eligible for retiree health care
10-14	30%
15-18	20%
19+	0%

**Members hired after 10/1/2009:** Members may participate in City defined contribution Postemployment Health care Plan (PEHP). The City shall contribute 4% of base wages to a defined contribution plan.

#### NORMAL RETIREMENT HEALTH CARE ELIGIBILITY

Age 50 with 10 or more years of service.

#### EARLY RETIREMENT HEALTH CARE ELIGIBILITY

Members are not eligible for early retirement.

#### DEFERRED RETIREMENT HEALTH CARE ELIGIBILITY

Employees retiring under deferred retirement conditions are eligible for retiree health care just as if they had retired at normal retirement. Benefit deferred until normal retirement age.

# City of Wyoming Retiree Health Care Plan Fire Non-Command Employees Summary of Benefits as of June 30, 2017 (Concluded)

## **DUTY DEATH-IN-SERVICE RETIREMENT HEALTH CARE ELIGIBILITY**

Spouses of duty death-in-service members are eligible for retiree health care at any age and service. Benefit is based on a minimum of 10 years of service or the actual service if greater than 10 years of service. Benefit commences immediately.

## **NON-DUTY DEATH-IN-SERVICE RETIREMENT HEALTH CARE ELIGIBILITY**

Spouses of non-duty death-in-service members are eligible for retiree health care at any age with 10 years of service. Benefit is based on years of service. Benefit commences immediately.

## **DUTY DISABLED RETIREMENT HEALTH CARE ELIGIBILITY**

Duty disabled members are eligible for retiree health care at any age and service. Benefit is based on a minimum of 10 years of service or the actual service if greater than 10 years of service. Benefit commences immediately. Dependents are covered until retiree reaches normal retirement age.

## **NON-DUTY DISABLED RETIREMENT HEALTH CARE ELIGIBILITY**

Non-duty disabled members are eligible for retiree health care at any age with 10 years of service. Benefit is based on years of service. Benefit commences immediately.

## **HEALTH CARE BENEFITS FOR SPOUSES AND DEPENDENTS OF RETIRED EMPLOYEES**

Spouses of retired employees (married to employee at time of termination) are eligible to receive retiree health care benefits. Coverage continues to surviving spouses of deceased retirees. Dependents are not covered as part of the retiree health care plan. Any dependent coverage must be paid by the retiree or surviving spouse.

## **NON-MEDICARE AND MEDICARE-ELIGIBLE PROVISIONS**

Retirees are required to enroll in Medicare Part A & B once eligible. Retiree pays Medicare Part A & B premiums.

## **OPT-OUT PROVISION**

The City does not provide an opt-out benefit for retiree health care benefits, however, retirees may choose to not enroll in retiree health coverage.

*This is a brief summary of the City of Wyoming's Retiree Health Care Benefit provisions. In the event that any description contained herein differs from the actual eligibility or benefit, the appropriate employee contract or governing document will prevail.*

# City of Wyoming Retiree Health Care Plan General Employees Summary of Benefits as of June 30, 2017

## PLAN PARTICIPANTS

General employees of the City of Wyoming are eligible to receive retiree health care benefits.

## RETIREE HEALTH CARE BENEFITS

**Non-Admin hired before 2/7/2006 and retiring before 2/7/2006:** \$10 per month times years of credited service, not to exceed 25 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Non-Admin hired before 2/7/2006 and retiring before 7/2/2009:** \$15 per month times years of credited service, not to exceed 25 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Non-Admin hired before 2/7/2006 and retiring after 7/1/2009:** \$20 per month times years of credited service, not to exceed 25 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Non-Admin retiring after 7/1/2017 and not in PEHP:** Retirees will share the cost of health care according to the following schedule:

<u>Years of Service</u>	<u>Retiree Cost Share</u>
Less than 10	Not eligible for retiree health care
10-14	30%
15-18	20%
19+	0%

**Non-Admin hired after 2/6/2006:** \$20 per month times years of credited service, not to exceed 25 years, payable to age 60. Having at least 10 years of service, beginning at age 60, the City shall contribute 24% toward the cost of the premium for the retiree and retiree's eligible spouse. For each additional year after ten (10) years, the City shall contribute an additional four percent (4%) per year to a maximum City contribution of one hundred percent (100%).

**Administrative retiring after 1/30/2015 and not in PEHP:** Retirees will share the cost of health care according to the following schedule:

<u>Years of Service</u>	<u>Retiree Cost Share</u>
Less than 10	Not eligible for retiree health care
10-14	30%
15-19	20%
20+	0%

# City of Wyoming Retiree Health Care Plan

## General Employees

### Summary of Benefits as of June 30, 2017

**Administrative hired after 7/1/2007 and Non-Admin hired after 6/30/2009:** The City shall contribute 4% of base wages to a defined contribution Postemployment Health care Plan (PEHP).

#### **NORMAL RETIREMENT HEALTH CARE ELIGIBILITY**

**Administrative:** Age 60 with 5 or more years of service.

**Non-Admin:** Age 60 with 10 or more years of service.

#### **EARLY RETIREMENT HEALTH CARE ELIGIBILITY**

**Administrative:** Age 55 with 5 or more years of service.

**Non-Admin:** Age 55 with 10 or more years of service.

#### **DEFERRED RETIREMENT HEALTH CARE ELIGIBILITY**

Employees retiring under deferred retirement conditions are eligible for retiree health care just as if they had retired at normal retirement. Benefit deferred until normal retirement age.

#### **DUTY DEATH-IN-SERVICE RETIREMENT HEALTH CARE ELIGIBILITY**

Spouses of duty death-in-service members are eligible for retiree health care at any age and service. Benefit is based on a minimum of 10 years of service or the actual service if greater than 10 years of service. Benefit commences immediately.

#### **NON-DUTY DEATH-IN-SERVICE RETIREMENT HEALTH CARE ELIGIBILITY**

Spouses of non-duty death-in-service members are eligible for retiree health care at any age with 10 years of service. Benefit is based on years of service. Benefit commences immediately.

#### **DUTY DISABLED RETIREMENT HEALTH CARE ELIGIBILITY**

Duty disabled members are eligible for retiree health care at any age and service. Benefit is based on a minimum of 10 years of service or the actual service if greater than 10 years of service. Benefit commences immediately. Eligible dependents are covered until retiree reaches normal retirement age.

#### **NON-DUTY DISABLED RETIREMENT HEALTH CARE ELIGIBILITY**

Non-duty disabled members are eligible for retiree health care at any age with 10 years of service. Benefit is based on years of service. Benefit commences immediately.

#### **HEALTH CARE BENEFITS FOR SPOUSES AND DEPENDENTS OF RETIRED EMPLOYEES**

Eligible spouses of retired employees (married to employee at time of termination) are eligible to receive retiree health care benefits. Coverage continues to eligible surviving spouses of deceased retirees. Dependents are not covered as part of the retiree health care plan. Any dependent coverage must be paid by the retiree or surviving spouse.

# City of Wyoming Retiree Health Care Plan General Employees Summary of Benefits as of June 30, 2017 (Concluded)

## **NON-MEDICARE AND MEDICARE-ELIGIBLE PROVISIONS**

Retirees are required to enroll in Medicare Part A & B once eligible. Retiree pays Medicare Part A & B premiums.

## **OPT-OUT PROVISION**

The City does not provide an opt-out benefit for retiree health care benefits, however, retirees may choose to not enroll in retiree health coverage.

*This is a brief summary of the City of Wyoming's Retiree Health Care Benefit provisions. In the event that any description contained herein differs from the actual eligibility or benefit, the appropriate employee contract or governing document will prevail.*

# City of Wyoming Retiree Health Care Plan

## Police Non-Dispatchers Employees

### Summary of Benefits as of June 30, 2017

**PLAN PARTICIPANTS**

Police employees of the City of Wyoming are eligible to receive retiree health care benefits.

**RETIREE HEALTH CARE BENEFIT**

**Police Non-Command hired before 7/1/2005 and retiring before 9/6/2005:** \$10 per month times years of credited service, not to exceed 30 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Police Non-Command hired before 7/1/2005 and retiring after 9/5/2005:** \$15 per month times years of credited service, not to exceed 30 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Police Non-Command hired before 7/1/2005 and retiring after 9/3/2007:** \$20 per month times years of credited service, not to exceed 30 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Police Command hired before 7/1/2005 and retiring before 2/20/2006:** \$15 per month times years of credited service, not to exceed 30 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Police Command hired before 7/1/2005 and retiring after 2/20/2006:** \$20 per month times years of credited service, not to exceed 30 years, payable to age 60. After age 60, total premium amount for the lifetime of the retiree and eligible spouse regardless of optional form of retirement benefit selected.

**Police Non-Command retiring after 1/30/2015 and Command retiring after 7/1/2015 and not in PEHP:** Retirees will share the cost of health care according to the following schedule:

<u>Years of Service</u>	<u>Retiree Cost Share</u>
Less than 10	Not eligible for retiree health care
10-14	30%
15-18	20%
19+	0%

**Police Non-Command hired after 9/3/2007 and Police Command hired after 8/31/2008:** The City shall contribute 4% of base wages to a defined contribution plan.

**NORMAL RETIREMENT HEALTH CARE ELIGIBILITY**

**Police Non-Command & Police Command:** Age 50 with 10 or more years of service.

**EARLY RETIREMENT HEALTH CARE ELIGIBILITY**

Members are not eligible for early retirement.

# City of Wyoming Retiree Health Care Plan

## Police Non-Dispatchers Employees

### Summary of Benefits as of June 30, 2017 (Concluded)

#### **DEFERRED RETIREMENT HEALTH CARE ELIGIBILITY**

Employees retiring under deferred retirement conditions are eligible for retiree health care just as if they had retired at normal retirement. Benefit deferred until normal retirement age.

#### **DUTY DEATH-IN-SERVICE RETIREMENT HEALTH CARE ELIGIBILITY**

Spouses of duty death-in-service members are eligible for retiree health care at any age and service. Benefit is based on a minimum of 10 years of service or the actual service if greater than 10 years of service. Benefit commences immediately.

#### **NON-DUTY DEATH-IN-SERVICE RETIREMENT HEALTH CARE ELIGIBILITY**

Eligible spouses of non-duty death-in-service members are eligible for retiree health care at any age with 10 years of service. Benefit is based on years of service. Benefit commences immediately.

#### **DUTY DISABLED RETIREMENT HEALTH CARE ELIGIBILITY**

Duty disabled members are eligible for retiree health care at any age and service. Benefit is based on a minimum of 10 years of service or the actual service if greater than 10 years of service. Benefit commences immediately. Dependents are covered until retiree reaches normal retirement age.

#### **NON-DUTY DISABLED RETIREMENT HEALTH CARE ELIGIBILITY**

Non-duty disabled members are eligible for retiree health care at any age with 10 years of service. Benefit is based on years of service. Benefit commences immediately.

#### **HEALTH CARE BENEFITS FOR SPOUSES AND DEPENDENTS OF RETIRED EMPLOYEES**

Eligible spouses of retired employees (married to employee at time of termination) are eligible to receive retiree health care benefits. Coverage continues to eligible surviving spouses of deceased retirees. Dependents are not covered as part of the retiree health care plan. Any dependent coverage must be paid by the retiree or surviving spouse.

#### **NON-MEDICARE AND MEDICARE-ELIGIBLE PROVISIONS**

Retirees are required to enroll in Medicare Part A & B once eligible. Retiree pays Medicare Part A & B premiums.

#### **OPT-OUT PROVISION**

The City does not provide an opt-out benefit for retiree health care benefits, however, retirees may choose to not enroll in retiree health coverage.

*This is a brief summary of the City of Wyoming's Retiree Health Care Benefit provisions. In the event that any description contained herein differs from the actual eligibility or benefit, the appropriate employee contract or governing document will prevail.*

## City of Wyoming Retiree Health Care Plan Fire Active Members as of June 30, 2017 by Age and Years of Service

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

Age	Years of Service to Valuation Date							Totals
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.
35-39			1	1				2
40-44				1	2			3
45-49				3	1			4
50-54				1	5			6
55-59					1			1
60 & Over								
<b>Totals</b>			<b>1</b>	<b>6</b>	<b>9</b>			<b>16</b>

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

**Age:** 47.3 years  
**Service:** 19.6 years

## City of Wyoming Retiree Health Care Plan General Active Members as of June 30, 2017 by Age and Years of Service

Age	Years of Service to Valuation Date							Totals
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.
30-34								
35-39		1						1
40-44			1	1				2
45-49				4	1	1		6
50-54			3	2	5	1	5	16
55-59				1	3	1	1	6
60-64		1		2			1	4
65 & Over			1				1	2
<b>Totals</b>		<b>2</b>	<b>5</b>	<b>10</b>	<b>9</b>	<b>3</b>	<b>8</b>	<b>37</b>

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

**Age:** 52.8 years  
**Service:** 21.9 years

**City of Wyoming Retiree Health Care Plan  
Other Funds A Active Members as of June 30, 2017  
by Age and Years of Service**

Age	Years of Service to Valuation Date							Totals
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.
30-34			1					1
35-39		1	1					2
40-44		1	2	1	1			5
45-49		1	3	1	3			8
50-54		1	1	4	2	2	2	12
55-59					3		1	4
60-64				2	1		1	4
65 & Over							1	1
<b>Totals</b>		<b>4</b>	<b>8</b>	<b>8</b>	<b>10</b>	<b>2</b>	<b>5</b>	<b>37</b>

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

**Age:** 50.0 years  
**Service:** 19.5 years

**City of Wyoming Retiree Health Care Plan  
Other Funds B Active Members as of June 30, 2017  
by Age and Years of Service**

Age	Years of Service to Valuation Date							Totals
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.
30-34		1						1
35-39		2	1	3				6
40-44			1	4	3			8
45-49			3	5	3	3		14
50-54		2		1	7	3	3	16
55-59				1	2			3
60-64				2	2	1	1	6
65 & Over								
<b>Totals</b>		<b>5</b>	<b>5</b>	<b>16</b>	<b>17</b>	<b>7</b>	<b>4</b>	<b>54</b>

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

**Age:** 48.6 years  
**Service:** 19.9 years

## City of Wyoming Retiree Health Care Plan Police Active Members as of June 30, 2017 by Attained Age and Years of Service

Age	Years of Service to Valuation Date							Totals
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.
30-34			1					1
35-39			2	2				4
40-44			1	11	5			17
45-49				4	12	4		20
50-54				1	3	1		5
55-59						1		1
60 & Over					1			1
<b>Totals</b>			<b>4</b>	<b>18</b>	<b>21</b>	<b>6</b>		<b>49</b>

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

**Age:** 45.5 years  
**Service:** 20.2 years

# City of Wyoming Retiree Health Care Plan Deferred Members as of June 30, 2017 by Attained Age and Years of Service

## Fire Deferred Members

Attained Age	Number of Deferred Retirees		
	Male	Female	Totals
35-39	1	0	1
<b>Totals</b>	<b>1</b>	<b>0</b>	<b>1</b>

## General Deferred Members

Attained Age	Number of Deferred Retirees		
	Male	Female	Totals
40-44	1	6	7
45-49	1	4	5
50-54	2	3	5
55-59	0	2	2
60+	1	0	1
<b>Totals</b>	<b>5</b>	<b>15</b>	<b>20</b>

## Other Funds A Deferred Members

Attained Age	Number of Deferred Retirees		
	Male	Female	Totals
45-49	4	1	5
55-59	2	2	4
60+	0	1	1
<b>Totals</b>	<b>6</b>	<b>4</b>	<b>10</b>

## City of Wyoming Retiree Health Care Plan Deferred Members as of June 30, 2017 by Attained Age and Years of Service

### Other Funds B Deferred Members

Attained Age	Number of Deferred Retirees		
	Male	Female	Totals
35-39	0	1	1
40-44	2	2	4
45-49	2	2	4
50-54	2	2	4
55-59	1	0	1
<b>Totals</b>	<b>7</b>	<b>7</b>	<b>14</b>

### Police Deferred Members

Attained Age	Number of Deferred Retirees		
	Male	Female	Totals
40-44	2	0	2
45-49	5	2	7
<b>Totals</b>	<b>7</b>	<b>2</b>	<b>9</b>

The number counts above only include those retirees who are eligible to receive retiree health care coverage through the City's plan. Additionally, number counts above do not include deferred members covered under a current retiree.

# City of Wyoming Retiree Health Care Plan Retired Members as of June 30, 2017 by Attained Age and Years of Service

## Fire Retired Members

Attained Age	Number of Retirees		
	Male	Female	Totals
Under 65	11	0	11
65 & Over	17	3	20
<b>Totals</b>	<b>28</b>	<b>3</b>	<b>31</b>

## General Retired Members

Attained Age	Number of Retirees		
	Male	Female	Totals
Under 65	5	20	25
65 & Over	18	35	53
<b>Totals</b>	<b>23</b>	<b>55</b>	<b>78</b>

## Other Funds A Retired Members

Attained Age	Number of Retirees		
	Male	Female	Totals
Under 65	15	4	19
65 & Over	33	14	47
<b>Totals</b>	<b>48</b>	<b>18</b>	<b>66</b>

## Other Funds B Retired Members

Attained Age	Number of Retirees		
	Male	Female	Totals
Under 65	23	8	31
65 & Over	41	19	60
<b>Totals</b>	<b>64</b>	<b>27</b>	<b>91</b>

**City of Wyoming**  
**Retired Members as of June 30, 2017**  
**by Attained Age and Years of Service (Concluded)**

**Police Retired Members**

<b>Attained Age</b>	<b>Number of Retirees</b>		
	<b>Male</b>	<b>Female</b>	<b>Totals</b>
Under 65	21	7	28
65 & Over	34	5	39
<b>Totals</b>	<b>55</b>	<b>12</b>	<b>67</b>

The number counts above only include those retirees who are currently receiving retiree health care coverage through the City's plan.

## SECTION E

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### VALUATION METHODS AND ACTUARIAL ASSUMPTIONS

## Entry Age Actuarial Cost Method

The entry age actuarial cost method consists of *two* components:

*Normal Cost* (the present value of future benefits assigned to members' service rendered in the current year),

**PLUS**

Amortization of the *Unfunded Actuarial Accrued Liability* (the difference between the present value of future benefits assigned to members' past service and the value of the plan's accumulated assets).

***The normal cost*** was computed as follows:

The series of contributions necessary to accumulate the present value at time of retirement of an employee's health benefits was computed so that each contribution in the series, from entry age to retirement, was a constant percentage of the employee's year-by-year projected covered compensation.

***The accrued liability*** was computed as follows:

**Retirees:** The discounted value of health benefits likely to be paid for retirees was computed using the investment return, health cost increase and mortality assumptions on the following pages.

**Active Employees:** The discounted value of health benefits likely to be paid for active employees was computed using the assumptions outlined on the following pages and was reduced by the value of normal costs to be paid for service after the valuation date.

## Actuarial Assumptions Used for the Valuation

The salary increase assumption used in this actuarial valuation projects annual salary increases of 3.5% plus a percentage based on an age-related scale to reflect merit, longevity and promotional salary increases.

**Pay Projections.** This assumption is used to project current pays to those upon which future contributions will be based.

As of the valuation date, the Plan provisions specify that new hires do not participate in this retiree health program (they receive instead a 4% contribution into a DC type health plan). Since the plan is closed to new entrants, total payroll is not expected to grow at the 3.5% payroll growth assumption. We have, therefore, used a “level dollar” method for amortizing the unfunded actuarial accrued liability as opposed to a “level percent of pay” method.

**Investment return** (net of investment expenses). 4.0% per year compounded annually for pay-as-you-go groups (General, Other Funds B, Police, and Fire). This rate consists of a real rate of return of 0.5% a year plus a long-term rate of wage inflation of 3.5% a year. 7.25% per year compounded annually for fully-funding groups (Other Funds A). This rate consists of a real rate of return of 3.75% a year plus a long-term rate of wage inflation of 3.5% a year. This assumption is used to equate the value of payments due at different points in time. In an unfunded program the investment return assumption must be commensurate with potential earnings on the employers’ general asset accounting.

## Actuarial Assumptions Used for the Valuation (Continued)

*Health care cost increases* - See table below:

### Health Care Trend Inflation

Year	Medical and Drug Trend Rates
2018	9.00%
2019	8.25%
2020	7.50%
2021	6.75%
2022	6.25%
2023	5.75%
2024	5.25%
2025	4.75%
2026	4.25%
2027	3.50%
2028 & Later	3.50%

Retiree health care valuations require an assumption about how the health care costs that the Plan is absorbing will change over the years. This assumption is called the health care cost trend rate and is the rate of change in per capita health care claims over time as a result of factors such as medical inflation, utilization of health care services, plan design, and technological developments.

## Actuarial Assumptions Used for the Valuation (Continued)

Retiree health care valuations use a health care cost trend assumption that changes over the years. The near term rates reflect the fact that currently employers are seeing sharp increases in the cost of health care goods and services. If this trend is projected to continue for years to come, it implies that years from now virtually all of our expenditures will be for health care. The seemingly more reasonable alternative is that in the not too distant future inflation in medical expenses will decrease to a level at or near wage inflation. It is on this basis that we project premium rates will continue to exceed wage inflation for the next 9 years, but by less each year until leveling off at an ultimate rate, assumed to be 3.5% in this valuation.

The trend assumption is established by reviewing national trends. Objective, comparative trends are obtained from a variety of resources including trend surveys from major insurers and benefit consulting groups. This information is added to information we have collected from analyses done in conjunction with many retiree health care valuations we have completed for other clients.

**Medicare coverage** was assumed to be available for all covered employees on attainment of age 65.

**Non-investment administration expenses:** none.

**Election percentage:** 90% of retirees were assumed to receive retiree health care coverage from the City. Of the 90% receiving benefits, 78% of males and 78% of females were assumed to elect two-person coverage, if eligible. For those that elect two-person coverage, it was assumed that 80% of the eligible spouses would elect to continue coverage upon death of the retiree.

## Actuarial Assumptions Used for the Valuation (Continued)

The pay increase assumption used in the actuarial valuation projects pay increases based on an age-related scale to reflect merit, longevity, and promotional pay increases as well as wage inflation.

The pay increase assumption for selected ages is shown below:

Sample Ages	Percent Increase in Salary During Next Year	
	General	Police & Fire
20	7.3%	6.5%
25	6.6%	6.5%
30	6.2%	6.1%
35	5.9%	4.6%
40	5.6%	3.7%
45	5.2%	3.7%
50	4.6%	3.7%
55	4.2%	3.6%
60	3.7%	3.5%
65	3.5%	3.5%

## Actuarial Assumptions Used for the Valuation (Continued)

In estimating the amount of the reserves required at the time of retirement to pay a member's benefits for the remainder of his or her lifetime, it is necessary to make an assumption with respect to the probability of surviving to retirement and the life expectancy after retirement.

The mortality table used was the RP-2014 Healthy Annuitant Mortality Table projected to 2020 using the MP-2014 mortality improvement scale; the mortality tables for current active employees to the RP-2014 Mortality Tables for Employees projected to 2020 using the MP-2014 mortality improvement scale. This table was first used for the June 30, 2015 valuation. The provision for future improvements in mortality is built into the projection to 2020. Sample values follow:

Sample Ages	Mortality Rates		Expected Years of Life Remaining	
	Male	Female	Male	Female
50	0.31%	0.22%	34.78	37.43
55	0.45%	0.30%	30.37	32.87
60	0.63%	0.42%	26.10	28.39
65	0.89%	0.63%	21.97	24.04
70	1.33%	0.99%	18.02	19.87
75	2.08%	1.61%	14.31	15.96
80	3.44%	2.69%	10.92	12.36

This assumption is used to measure the probabilities of members dying before retirement and the probabilities of each pension payment being made after retirement. Disabled retirees use the RP-2014 Disabled Retirees projected to 2020 using the MP-2014 mortality improvement scale.

## Actuarial Assumptions Used for the Valuation (Continued)

A schedule of retirement rates is used to measure the probability of eligible members retiring during the next year. The uniform retirement rates in use for each category are shown below:

### Age-Based Retirement Table

Retirement Ages	Percent of Eligible Active Members Retiring within Next Year	
	General	Police & Fire
50	-	30%
51	-	20%
52	-	15%
53	-	15%
54	-	15%
55	20%	10%
56	10%	10%
57	10%	15%
58	10%	25%
59	10%	30%
60	30%	100%
61	20%	100%
62	30%	100%
63	20%	100%
64	20%	100%
65	30%	100%
66	30%	100%
67	40%	100%
68	50%	100%
69	60%	100%
70	100%	100%

## Actuarial Assumptions Used for the Valuation (Continued)

Disability rates are used in the valuation to estimate the incidence of member disability in future years.

The assumed rates of disablement at various ages are shown below:

Sample Ages	Percent Becoming Disabled within Next Year		
	General	Police	Fire
20	0.15%	0.10%	0.10%
25	0.18%	0.15%	0.15%
30	0.20%	0.25%	0.20%
35	0.29%	0.30%	0.25%
40	0.42%	0.70%	0.50%
45	0.65%	0.80%	0.65%
50	1.05%	0.95%	0.80%
55	1.84%	1.10%	0.95%
60	3.06%	1.20%	1.00%

## Actuarial Assumptions Used for the Valuation (Concluded)

The withdrawal rates are used to estimate the number of employees at each age that are expected to terminate employment before qualifying for retirement benefits. The withdrawal rates do not apply to members eligible to retire, and do not include separation on account of death or disability. The assumed rates of withdrawal applied in the current valuation are based on years of service for members with less than 5 years of service, and based on age for members with 5 or more years of service.

Sample rates of withdrawal from active employment are below:

Sample Ages	Years of Service	% of Active Members Separating within Next Year	
		General	Police & Fire
ALL	0	15.00%	8.00%
	1	10.00%	6.00%
	2	8.00%	4.50%
	3	7.00%	3.00%
	4	6.00%	2.00%
25	5 & Over	5.00%	2.50%
30		4.50%	2.00%
35		3.55%	1.10%
40		1.45%	0.40%
45		0.75%	0.40%
50		0.75%	0.40%
55		0.75%	0.40%
60	0.75%	0.40%	
65	0.75%	0.40%	

## Supplementary Information

Valuation Date	June 30, 2017
Actuarial Cost Method	Individual Entry Age Normal Cost
Amortization Method	Level Dollar Closed
Remaining Amortization Periods	23 Years
Asset Valuation Method	Market Value
Actuarial Assumptions:	
Discount Rate	4.0% Per Year for pay-as-you-go groups 7.25% Per Year for fully-funding groups
Valuation Health Care Cost Trend Rate Medical and Prescription Drug	9% in 2018, grading to 3.5% in 2027

**This information has been reviewed by Rehmann Robson, the City’s auditor. If there are any items that the auditor changes, please let us know so that we may maintain consistency with the City’s financial statements.**

## Sample GASB Schedules

### Schedule of Funding Progress Rounded to the Nearest \$1,000

Actuarial Valuation Date June 30	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (b)-(a)	Funded Ratio (a)/(b)	Active Member Covered Payroll (c)	Unfunded AAL as a Percentage of Active Member Covered Payroll ((b-a)/c)
2009	\$ 12,061	\$ 59,833	\$ 47,773	20.2	\$22,106	216.1
2011	20,370	71,343	50,973	28.6	18,978	268.6
2013	25,312	100,065	74,753	25.3	17,610	424.5
2015	30,213	151,832	121,618	19.9	15,740	772.7
<b>2017</b>	<b>36,651</b>	<b>152,138</b>	<b>115,487</b>	<b>24.1</b>	<b>12,156</b>	<b>950.1</b>

### Schedule of Employer Contributions

Actuarial Valuation Date June 30	Fiscal Year Ending	Annual Required Contribution
2011	6/30/2011	\$ 5,834,875
	6/30/2012	5,824,776
2013	6/30/2013	7,715,174
	6/30/2014	7,688,860
	6/30/2015	7,678,535
2015	6/30/2016	11,069,038
	6/30/2017	10,954,379
2017	6/30/2018	10,076,828
	6/30/2019	10,061,933

This information has been reviewed by Rehmann Robson, the City's auditor. If there are any items that the auditor changes, please let us know so that we may maintain consistency with the City's financial statements.

## Miscellaneous and Technical Assumptions

<b>Marriage Assumption:</b>	100% of males and 100% of females are assumed to be married for purposes of death-in-service benefits. Male spouses are assumed to be three years older than the female spouses.
<b>Pay Increase Timing:</b>	Beginning of valuation year. This is equivalent to assuming that reported pays represent amounts paid to member during the year ended on the valuation date.
<b>Decrement Timing:</b>	Decrements of all types are assumed to occur mid-year.
<b>Future Service:</b>	Members are assumed to earn 1.0 years of service in each future year.
<b>Eligibility Testing:</b>	Eligibility for benefits is determined based upon the age nearest birthday and service nearest whole year on the date the decrement is assumed to occur.
<b>Decrement Relativity:</b>	Decrement rates are used directly from the experience study, without adjustment for multiple decrement table effects.
<b>Decrement Operation:</b>	Disability and death-in-service decrements do not operate during the first 5 years of service. Disability and withdrawal do not operate during retirement eligibility.
<b>Unknown Data:</b>	Average characteristics of the benefit group (e.g., Police) as a whole were used to fill in the unknown data.
<b>Pre-60 Opt-Outs:</b>	There are numerous retirees under the age of 60 who are currently opting-out of coverage but are eligible for full City paid coverage upon reaching age 60. For purposes of this valuation, it was assumed that 100% of these pre-60 opt-outs would elect coverage upon reaching age 60.

**APPENDIX**

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**GLOSSARY**

## Glossary

**Accrued Service.** The service credited under the plan which was rendered before the date of the actuarial valuation.

**Actuarial Accrued Liability.** The difference between: (i) the actuarial present value of future plan benefits; and (ii) the actuarial present value of future normal cost. Sometimes referred to as "accrued liability" or "past service liability."

**Actuarial Assumptions.** Estimates of future plan experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and salary increases. Decrement assumptions (rates of mortality, disability, turnover and retirement) are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (salary increases and investment income) consist of an underlying rate in an inflation-free environment plus a provision for a long-term average rate of inflation.

**Actuarial Cost Method.** A mathematical budgeting procedure for allocating the dollar amount of the "actuarial present value of future plan benefits" between the actuarial present value of future normal cost and the actuarial accrued liability. Sometimes referred to as the "actuarial funding method."

**Actuarial Equivalent.** A single amount or series of amounts of equal value to another single amount or series of amounts, computed on the basis of the rate(s) of interest and mortality tables used by the plan.

**Actuarial Present Value.** The amount of funds presently required to provide a payment or series of payments in the future. It is determined by discounting the future payments at a predetermined rate of interest, taking into account the probability of payment.

**Amortization.** Paying off an interest-bearing liability by means of periodic payments of interest and principal, as opposed to paying it off with a lump sum payment.

**Annual Required Contribution (ARC).** The ARC is the normal cost plus the portion of the unfunded actuarial accrued liability to be amortized in the current period. The ARC is an amount that is actuarially determined in accordance with the requirements so that, if paid on an ongoing basis, it would be expected to provide sufficient resources to fund both the normal cost for each year and the amortized unfunded liability.

**Governmental Accounting Standards Board (GASB).** GASB is the private, nonpartisan, nonprofit organization that works to create and improve the rules U.S. state and local governments follow when accounting for their finances and reporting them to the public.

**Medical Trend Rate (Health Inflation).** The increase in the plan's cost over time. Trend includes all elements that may influence a plan's cost, assuming that enrollments and the plan benefits do not change. Trend includes such elements as, pure price inflation, changes in utilization, advances in medical technology, and cost shifting.

## Glossary (Concluded)

**Normal Cost.** The annual cost assigned, under the actuarial funding method, to current and subsequent plan years. Sometimes referred to as "current service cost." Any payment toward the unfunded actuarial accrued liability is not part of the normal cost.

**Other Post-Employment Employee Benefits (OPEB).** OPEB are post-employment benefits other than pensions. OPEB generally takes the form of health insurance and dental, vision, prescription drugs or other healthcare benefits.

**Reserve Account.** An account used to indicate that funds have been set aside for a specific purpose and are not generally available for other uses.

**Unfunded Actuarial Accrued Liability.** The difference between the actuarial accrued liability and valuation assets. Sometimes referred to as "unfunded accrued liability."

**Valuation Assets.** The value of current plan assets recognized for valuation purposes.



September 15, 2017

Ms. Rosa R. Ooms  
Finance Director  
City of Wyoming  
1155 28<sup>th</sup> Street, S.W. – City Hall  
Wyoming, Michigan 49509

**Re: City of Wyoming Retiree Health Care Plan**

Dear Rosa:

Enclosed are 20 copies of our June 30, 2017 actuarial valuation report of the City of Wyoming Retiree Health Care Plan.

Respectfully submitted,

A handwritten signature in black ink that reads "James D. Anderson". The signature is written in a cursive style with a large, looped initial "J".

James D. Anderson, FSA, EA, MAAA

JDA:mrh  
Enclosures

**Date:** November 15, 2017

**To:** Ms. Rosa R. Ooms, Finance Director  
City of Wyoming Retiree Health Care Plan

**From:** James D. Anderson, FSA, EA, MAAA, Abra Hill, ASA, MAAA and James E. Pranschke, FSA, MAAA  
Gabriel Roeder Smith & Company

**Re:** **Other Postemployment Benefit Valuation of Revised Plan Provisions –  
Conversion to Medicare Advantage and Alternate Interest Rate Scenario**

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Presented in this report are the results of a supplemental actuarial valuation for the City of Wyoming Retiree Health Care Plan for certain benefit revisions.

The purpose of this report is to show the effect on the Actuarially Computed Employer Contribution of a proposed change in plan provisions. Additionally, we show results based on the expected long-term rate of return supported by the investment portfolio. This report should not be relied upon for any other purpose.

This report was prepared at the request of the City of Wyoming and is intended for use by the City of Wyoming and those designated or approved by the City. This report may be provided to parties other than the City of Wyoming only in its entirety and only with the permission of the City. GRS is not responsible for unauthorized use of this report.

All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board.

For purposes of this analysis, the date of the valuation was June 30, 2017. Unless otherwise noted, all actuarial methods and assumptions used are the same as those used in the regular actuarial valuation as of June 30, 2017. Refer to the actuarial valuation report dated September 15, 2017 for a full disclosure of the assumptions and methods.

These calculations are based upon assumptions regarding future events, which may or may not materialize. They are also based upon present and revised plan provisions that are outlined in the report. If you have reason to believe that the assumptions that were used are unreasonable, that the plan provisions are incorrectly described, that important and relevant plan provisions are not described, or that conditions have changed since the calculations were made, you should contact the author(s) of this report prior to relying on information in the report.

James D. Anderson, Abra Hill, and James E. Pranschke are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. The actuaries issuing this report are independent of the plan sponsor.

# City of Wyoming Retiree Health Care Plan Supplemental as of June 30, 2017 Data

A summary of the participant data used in this valuation is presented below.

## Total Active Members

Age	Years of Service to Valuation Date							Totals
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.
30-34		1	2					3
35-39		4	5	6				15
40-44		1	5	18	11			35
45-49		1	6	17	20	8		52
50-54		3	4	9	22	7	10	55
55-59				2	9	2	2	15
60 & Over		1	1	6	4	1	5	18
<b>Totals</b>		<b>11</b>	<b>23</b>	<b>58</b>	<b>66</b>	<b>18</b>	<b>17</b>	<b>193</b>

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

**Age:**                    48.8    years  
**Service:**                20.2    years

## Total Retired Members

**Current Retiree Data**

Attained Age	Number of Retirees		
	Male	Female	Totals
Under 65	75	39	114
65 & Over	143	76	219
<b>Totals</b>	<b>218</b>	<b>115</b>	<b>333</b>

**Updated Retiree Data**

Attained Age	Number of Retirees		
	Male	Female	Totals
Under 65	75	39	114
65 & Over	141	75	216
<b>Totals</b>	<b>216</b>	<b>114</b>	<b>330</b>

The number counts above only include those retirees who are currently receiving health care coverage through the City's plan. Note that the updated retiree data was adjusted for deaths occurring after June 30, 2017 as provided by the City.

**City of Wyoming Retiree Health Care Plan  
Supplemental as of June 30, 2017  
Data (Concluded)**

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**Total Deferred Members**

<b>Attained Age</b>	<b>Number of Deferred Retirees</b>		
	<b>Male</b>	<b>Female</b>	<b>Totals</b>
35-39	1	1	2
40-44	5	8	13
45-49	12	9	21
50-54	4	5	9
55-59	3	4	7
60+	1	1	2
<b>Totals</b>	<b>26</b>	<b>28</b>	<b>54</b>

The number counts above only include those retirees who are eligible to receive retiree health care coverage through the City’s plan. Additionally, number counts above do not include deferred members covered under a current retiree.

# City of Wyoming Retiree Health Care Plan Supplemental as of June 30, 2017

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## Proposed Changes from the Valuation

### Current Retiree Benefits:

Current and Future Retirees are covered by a self-insured health care plan.

### Proposed Retiree Benefits:

Pre-65 health care options remain the same. Switch all retirees over age 65 to a Medicare Advantage Plan effective January 1, 2018 (excluding ten retirees explicitly reported as remaining on the City's self-insured post-65 plan). All actives will have the Medicare Advantage Plan as post-65 retirees.

Current Retiree Benefits			Proposed Retiree Benefits		
Age	Premium Rates by Age for Medical and Prescription Drugs		Age	Premium Rates by Age for Medical and Prescription Drugs	
	Male	Female		Male	Female
40	\$ 361.46	\$ 587.34	40	\$ 361.46	\$ 587.34
50	585.92	721.79	50	585.92	721.79
60	995.79	980.51	60	995.79	980.51
64	1,210.91	1,142.77	64	1,210.91	1,142.77
65	500.10	471.70	65	328.59	309.93
75	585.12	570.95	75	384.45	375.14
85	618.73	626.01	85	406.53	411.32

**Investment Return Assumption:** The June 30, 2017 valuation used assumptions consistent with the City's historical funding development under GASB Statements No. 43 and No. 45 – 7.25% for Other Funds A and 4% for all other groups. Going forward, funding requirements will be based on the expected return derived from the asset allocation. At June 30, 2017, the corresponding investment return assumption is 7.25% for all groups ("Proposed B" scenario on the following pages).

# City of Wyoming Retiree Health Care Plan

## Results - TOTAL

### Supplemental as of June 30, 2017

#### Development of the Actuarially Computed Employer Contribution for the Other Postemployment Benefits

Scenario	Assumption	Premiums	Retiree Data	Excise Tax Load
Current	7.25% for Other Funds A group 4.00% for all other groups	Current	Current	2.0%
Proposed A	7.25% for Other Funds A group 4.00% for all other groups	Proposed	Current	0.0%
Proposed B	7.25% for all groups	Proposed	Updated	0.0%

	<u>Current</u>	<u>Proposed A</u>	<u>Proposed B</u>
A. Actuarial Accrued Liability			
i) Retirees and Beneficiaries	\$ 92,177,088	\$ 64,846,274	\$ 47,579,865
ii) Vested Terminated Members	15,691,348	11,932,966	6,864,469
iii) Active Members	<u>44,269,900</u>	<u>33,233,506</u>	<u>21,030,546</u>
Total Actuarial Accrued Liability	\$ 152,138,336	\$ 110,012,746	\$ 75,474,880
B. Change in AAL		(42,125,590)	(76,663,456)
C. Employer Normal Cost	2,263,471	1,710,974	768,912
D. Amortization of UAAL	7,813,357	4,920,896	3,396,375
E. Actuarially Computed Employer Contribution Fiscal Year Beginning 2017	<b>\$ 10,076,828</b>	<b>\$ 6,631,870</b>	<b>\$ 4,165,287</b>
F. Actuarially Computed Employer Contribution Fiscal Year Beginning 2018	<b>\$ 10,061,933</b>	<b>\$ 6,550,755</b>	<b>\$ 4,124,449</b>
G. Actuarially Computed Employer Contribution Fiscal Year Beginning 2019	<b>\$ 9,878,994</b>	<b>\$ 6,482,374</b>	<b>\$ 4,089,789</b>

The unfunded actuarial accrued liability was amortized as a level dollar amount over a closed period of 23 years for the fiscal year beginning July 1, 2017.

**Please see comments on the pages 11 and 12 for important information regarding the calculations.**

# City of Wyoming Retiree Health Care Plan

## Results - GENERAL

### Supplemental as of June 30, 2017

#### Development of the Actuarially Computed Employer Contribution for the Other Postemployment Benefits

Scenario	Assumption	Premiums	Retiree Data	Excise Tax Load
Current	4.00%	Current	Current	2.0%
Proposed A	4.00%	Proposed	Current	0.0%
Proposed B	7.25%	Proposed	Updated	0.0%

	<u>Current</u>	<u>Proposed A</u>	<u>Proposed B</u>
A. Actuarial Accrued Liability			
i) Retirees and Beneficiaries	\$ 18,981,828	\$ 13,045,632	\$ 9,310,843
ii) Vested Terminated Members	5,320,246	4,020,006	2,183,802
iii) Active Members	<u>9,004,664</u>	<u>6,495,115</u>	<u>4,163,566</u>
Total Actuarial Accrued Liability	\$ 33,306,738	\$ 23,560,753	\$ 15,658,211
B. Change in AAL		(9,745,985)	(17,648,527)
C. Employer Normal Cost	490,365	361,952	156,504
D. Amortization of UAAL	1,736,298	1,092,731	751,638
E. Actuarially Computed Employer Contribution Fiscal Year Beginning 2017	<b>\$ 2,226,663</b>	<b>\$ 1,454,683</b>	<b>\$ 908,142</b>
F. Actuarially Computed Employer Contribution Fiscal Year Beginning 2018	<b>\$ 2,214,844</b>	<b>\$ 1,432,489</b>	<b>\$ 897,669</b>
G. Actuarially Computed Employer Contribution Fiscal Year Beginning 2019	<b>\$ 2,166,441</b>	<b>\$ 1,410,459</b>	<b>\$ 887,574</b>

The unfunded actuarial accrued liability was amortized as a level dollar amount over a closed period of 23 years for the fiscal year beginning July 1, 2017.

**Please see comments on the pages 11 and 12 for important information regarding the calculations.**

# City of Wyoming Retiree Health Care Plan

## Results – OTHER FUNDS A

### Supplemental as of June 30, 2017

#### Development of the Actuarially Computed Employer Contribution for the Other Postemployment Benefits

Scenario	Assumption	Premiums	Retiree Data	Excise Tax Load
Current	7.25%	Current	Current	2.0%
Proposed A	7.25%	Proposed	Current	0.0%
Proposed B	7.25%	Proposed	Updated	0.0%

	<u>Current</u>	<u>Proposed A</u>	<u>Proposed B</u>
A. Actuarial Accrued Liability			
i) Retirees and Beneficiaries	\$ 12,148,183	\$ 8,468,687	\$ 8,361,583
ii) Vested Terminated Members	1,783,813	1,392,252	1,392,252
iii) Active Members	<u>4,840,145</u>	<u>3,685,639</u>	<u>3,685,639</u>
Total Actuarial Accrued Liability	\$ 18,772,141	\$ 13,546,578	\$ 13,439,474
B. Change in AAL		(5,225,563)	(5,332,667)
C. Employer Normal Cost	196,506	153,585	153,585
D. Amortization of UAAL	779,636	322,493	313,124
E. Actuarially Computed Employer Contribution Fiscal Year Beginning 2017	<b>\$ 976,142</b>	<b>\$ 476,078</b>	<b>\$ 466,709</b>
F. Actuarially Computed Employer Contribution Fiscal Year Beginning 2018	<b>\$ 980,015</b>	<b>\$ 468,524</b>	<b>\$ 459,155</b>
G. Actuarially Computed Employer Contribution Fiscal Year Beginning 2019	<b>\$ 956,377</b>	<b>\$ 460,664</b>	<b>\$ 451,295</b>

The unfunded actuarial accrued liability was amortized as a level dollar amount over a closed period of 23 years for the fiscal year beginning July 1, 2017.

**Please see comments on the pages 11 and 12 for important information regarding the calculations.**

# City of Wyoming Retiree Health Care Plan

## Results – OTHER FUNDS B

### Supplemental as of June 30, 2017

#### Development of the Actuarially Computed Employer Contribution for the Other Postemployment Benefits

Scenario	Assumption	Premiums	Retiree Data	Excise Tax Load
Current	4.00%	Current	Current	2.0%
Proposed A	4.00%	Proposed	Current	0.0%
Proposed B	7.25%	Proposed	Updated	0.0%

	<u>Current</u>	<u>Proposed A</u>	<u>Proposed B</u>
A. Actuarial Accrued Liability			
i) Retirees and Beneficiaries	\$ 25,561,477	\$ 17,456,544	\$ 12,370,225
ii) Vested Terminated Members	4,809,076	3,594,528	1,778,909
iii) Active Members	<u>11,832,181</u>	<u>8,761,625</u>	<u>5,349,611</u>
Total Actuarial Accrued Liability	\$ 42,202,734	\$ 29,812,697	\$ 19,498,745
B. Change in AAL		(12,390,037)	(22,703,989)
C. Employer Normal Cost	675,481	506,373	206,858
D. Amortization of UAAL	2,200,052	1,382,692	935,995
E. Actuarially Computed Employer Contribution Fiscal Year Beginning 2017	<b>\$ 2,875,533</b>	<b>\$ 1,889,065</b>	<b>\$ 1,142,853</b>
F. Actuarially Computed Employer Contribution Fiscal Year Beginning 2018	<b>\$ 2,887,672</b>	<b>\$ 1,878,399</b>	<b>\$ 1,137,088</b>
G. Actuarially Computed Employer Contribution Fiscal Year Beginning 2019	<b>\$ 2,849,507</b>	<b>\$ 1,869,659</b>	<b>\$ 1,132,201</b>

The unfunded actuarial accrued liability was amortized as a level dollar amount over a closed period of 23 years for the fiscal year beginning July 1, 2017.

**Please see comments on the pages 11 and 12 for important information regarding the calculations.**

**City of Wyoming Retiree Health Care Plan  
Results – POLICE  
Supplemental as of June 30, 2017**

**Development of the Actuarially Computed Employer Contribution  
for the Other Postemployment Benefits**

<b>Scenario</b>	<b>Assumption</b>	<b>Premiums</b>	<b>Retiree Data</b>	<b>Excise Tax Load</b>
Current	4.00%	Current	Current	2.0%
Proposed A	4.00%	Proposed	Current	0.0%
Proposed B	7.25%	Proposed	Updated	0.0%

	<b><u>Current</u></b>	<b><u>Proposed A</u></b>	<b><u>Proposed B</u></b>
A. Actuarial Accrued Liability			
i) Retirees and Beneficiaries	\$ 23,891,844	\$ 17,611,956	\$ 11,900,254
ii) Vested Terminated Members	3,429,310	2,658,287	1,399,103
iii) Active Members	<u>13,866,521</u>	<u>10,655,407</u>	<u>5,775,067</u>
Total Actuarial Accrued Liability	\$ 41,187,675	\$ 30,925,650	\$ 19,074,424
B. Change in AAL		(10,262,025)	(22,113,251)
C. Employer Normal Cost	666,341	509,159	183,100
D. Amortization of UAAL	2,125,396	1,448,126	882,766
E. Actuarially Computed Employer Contribution Fiscal Year Beginning 2017	<b>\$ 2,791,737</b>	<b>\$ 1,957,285</b>	<b>\$ 1,065,866</b>
F. Actuarially Computed Employer Contribution Fiscal Year Beginning 2018	<b>\$ 2,776,975</b>	<b>\$ 1,926,728</b>	<b>\$ 1,053,118</b>
G. Actuarially Computed Employer Contribution Fiscal Year Beginning 2019	<b>\$ 2,725,601</b>	<b>\$ 1,906,583</b>	<b>\$ 1,045,479</b>

The unfunded actuarial accrued liability was amortized as a level dollar amount over a closed period of 23 years for the fiscal year beginning July 1, 2017.

**Please see comments on the pages 11 and 12 for important information regarding the calculations.**

# City of Wyoming Retiree Health Care Plan

## Results – FIRE

### Supplemental as of June 30, 2017

#### Development of the Actuarially Computed Employer Contribution for the Other Postemployment Benefits

Scenario	Assumption	Premiums	Retiree Data	Excise Tax Load
Current	4.00%	Current	Current	2.0%
Proposed A	4.00%	Proposed	Current	0.0%
Proposed B	7.25%	Proposed	Updated	0.0%

	<u>Current</u>	<u>Proposed A</u>	<u>Proposed B</u>
A. Actuarial Accrued Liability			
i) Retirees and Beneficiaries	\$ 11,593,756	\$ 8,263,455	\$ 5,636,960
ii) Vested Terminated Members	348,903	267,893	110,403
iii) Active Members	<u>4,726,389</u>	<u>3,635,720</u>	<u>2,056,663</u>
Total Actuarial Accrued Liability	\$ 16,669,048	\$ 12,167,068	\$ 7,804,026
B. Change in AAL		(4,501,980)	(8,865,022)
C. Employer Normal Cost	234,778	179,905	68,865
D. Amortization of UAAL	971,975	674,854	512,852
E. Actuarially Computed Employer Contribution Fiscal Year Beginning 2017	<b>\$ 1,206,753</b>	<b>\$ 854,759</b>	<b>\$ 581,717</b>
F. Actuarially Computed Employer Contribution Fiscal Year Beginning 2018	<b>\$ 1,202,427</b>	<b>\$ 844,615</b>	<b>\$ 577,419</b>
G. Actuarially Computed Employer Contribution Fiscal Year Beginning 2019	<b>\$ 1,181,068</b>	<b>\$ 835,009</b>	<b>\$ 573,240</b>

The unfunded actuarial accrued liability was amortized as a level dollar amount over a closed period of 23 years for the fiscal year beginning July 1, 2017.

**Please see comments on the pages 11 and 12 for important information regarding the calculations.**

# City of Wyoming Retiree Health Care Plan

## Supplemental as of June 30, 2017

### Comments

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**COMMENT A:** In this supplemental valuation, the health coverage for nearly all of the Post-65 participants is changing from a self-insured program to a fully insured Medicare Advantage program. In recent years, Medicare Advantage (MA) programs have become the vehicle of choice for many groups to provide health coverage for Medicare eligible participants because MA programs help moderate claim expenditures and potentially serve to moderate health care cost trend rates. We have not changed the trend rates in this valuation, but will monitor trend experience going forward.

**COMMENT B:** The contribution rates shown include amortization of the unfunded actuarial accrued liability over 23 years as of June 30, 2017. A shorter amortization period would result in a higher actuarially computed employer contribution. The current plan amortization is calculated as a level dollar amount.

**COMMENT C:** No statement in this report is intended to be interpreted as a recommendation in favor of the changes, or in opposition to them. This report should not be relied on for any purpose other than the purpose described in the primary communication. Determinations of the financial results associated with the benefits described in this report in a manner other than the intended purpose may produce significantly different results.

**COMMENT D:** Neither the probabilities of retirement nor of election of coverage under the plan were adjusted in connection with this proposal. If members retire or elect differently than our assumptions, as a result of this benefit change, then the cost of the benefit change will be different.

**COMMENT E:** The reader of this report should keep in mind that actuarial calculations are mathematical estimates based on current data and assumptions about future events (which may or may not materialize). Please note that actuarial calculations can and do vary from one valuation year to the next, sometimes significantly if the group valued is very small (less than 30 lives). As a result, the cost impact of a benefit change may fluctuate over time, as the demographics of the group changes.

**COMMENT F:** The calculations are based upon assumptions regarding future events, which may or may not materialize. They are also based upon present and proposed plan provisions that are outlined in the report. If you have reason to believe that the assumptions that were used are unreasonable, that the plan provisions are incorrectly described, that important plan provisions relevant to this proposal are not described, or that conditions have changed since the calculations were made, you should contact the author(s) of this report prior to relying on information in the report.

# City of Wyoming Retiree Health Care Plan

## Supplemental as of June 30, 2017

### Comments (Concluded)

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**COMMENT G:** If you have reason to believe that the information provided in this report is inaccurate, or is in any way incomplete, or if you need further information in order to make an informed decision on the subject matter of this report, please contact the author(s) of the report prior to making such decision.

**COMMENT H:** In the event that more than one plan change is being considered, it is very important to remember that the results of separate actuarial valuations cannot generally be added together to produce a correct estimate of the combined effect of all of the changes. The total can be considerably greater than the sum of the parts due to the interaction of various plan provisions with each other, and with the assumptions that must be used.

**COMMENT I:** This report is intended to describe the financial effect of the proposed plan changes on the retiree medical plan. Except as otherwise noted, potential effects on other benefit plans were not considered.

**COMMENT J:** Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. Due to the limited scope of the actuary's assignment, the actuary did not perform an analysis of the potential range of such future measurements.

**COMMENT K:** The Patient Protection and Affordable Care Act includes an excise tax on high cost (Cadillac) health plans beginning in 2020. The excise tax is 40% of costs above a threshold. Under the current scenario, a 2.0% load was applied to the health care liabilities to approximate the cost for future excise tax, based on the current Plan provisions and assumptions. Under the Proposed scenarios, a 0.0% load was applied to the health care liabilities to approximate the cost for future excise tax, based on the Plan provisions and assumptions under the Proposed scenarios.

Act No. 202  
Public Acts of 2017  
Approved by the Governor  
December 20, 2017  
Filed with the Secretary of State  
December 20, 2017  
EFFECTIVE DATE: December 20, 2017

**STATE OF MICHIGAN**  
**99TH LEGISLATURE**  
**REGULAR SESSION OF 2017**

Introduced by Senators Stamas, Shirkey and Marleau

**ENROLLED SENATE BILL No. 686**

AN ACT to create the protecting local government retirement and benefits act; to provide the powers and duties of certain state and local agencies and officials; and to create a municipal stability board.

*The People of the State of Michigan enact:*

Sec. 1. This act shall be known and may be cited as the “protecting local government retirement and benefits act”.

Sec. 2. The legislature finds and declares that this act is intended to reflect the July 2017 Report of Findings and Recommendations for Action of the Responsible Retirement Reform for Local Government Task Force.

Sec. 3. As used in this act:

(a) “Annual report” means the most recent audited financial statement reporting a local unit of government’s liability for retirement pension benefits and retirement health benefits as determined under applicable government accounting standards of the Governmental Accounting Standards Board.

(b) “Annual required contribution” means the sum of the normal cost payment and the annual amortization payment for past service costs to fund the unfunded actuarial accrued liability.

(c) “Corrective action plan” means a plan that details the actions to be taken by a local unit of government to address and resolve the underfunded status of the local unit of government.

(d) “Employee” means an individual holding a position by election, appointment, or employment in a local unit of government.

(e) “Evaluation system” means the local government retirement and benefits fiscal impact evaluation system created under section 5 to provide for the identification of, and a corrective action plan to resolve, the underfunded status of a local unit of government under this act.

(f) “Former employee” means an individual who was an employee who terminated employment with the applicable local unit of government.

(g) “General fund operating revenues” means the sum of all governmental activity fund revenues of a local unit of government as determined by the state treasurer based on applicable government accounting standards of the Governmental Accounting Standards Board. General fund operating revenues do not include any fund of the local unit of government that the state treasurer determines based on applicable government accounting standards of the Governmental Accounting Standards Board is a proprietary, fiduciary, enterprise, or other restricted fund that may not be expended to provide retirement health benefits or retirement pension benefits.

(h) "Local unit of government" means any of the following:

(i) A city.

(ii) A village.

(iii) A township.

(iv) A county.

(v) A county road commission.

(vi) An authority created under chapter VIA of the aeronautics code of the state of Michigan, 1945 PA 327, MCL 259.108 to 259.125c.

(vii) A metropolitan government or authority established under section 27 of article VII of the state constitution of 1963.

(viii) A metropolitan district created under the metropolitan district act, 1929 PA 312, MCL 119.1 to 119.18.

(ix) An authority created under 1939 PA 147, MCL 119.51 to 119.62.

(x) A municipal electric utility system as that term is defined in section 4 of the Michigan energy employment act of 1976, 1976 PA 448, MCL 460.804.

(xi) A district, authority, commission, public body, or public body corporate created by 1 or more of the entities described in subparagraphs (i) to (x).

(i) "Local unit of government" does not include this state, a principal department of state government, a state institution of higher education under section 4, 5, or 6 of article VIII of the state constitution of 1963, a state agency, a state authority, or a reporting unit under the public school employees retirement act of 1979, 1980 PA 300, MCL 38.1301 to 38.1437.

(j) "Municipal stability board" or "board" means the municipal stability board created in section 7.

(k) "Normal cost" means the annual service cost of retirement health benefits as they are earned during active employment of employees of the local unit of government in the applicable fiscal year, using an individual entry-age normal and level percent of pay actuarial cost method.

(l) "Retirant" means an individual who has retired with a retirement benefit payable from a retirement system of a local unit of government.

(m) "Retirement benefit" includes a retirement health benefit or retirement pension benefit, or both.

(n) "Retirement health benefit" means an annuity, allowance, payment, or contribution to, for, or on behalf of a former employee or a dependent of a former employee to pay for any of the following components:

(i) Expenses related to medical, drugs, dental, hearing, or vision care.

(ii) Premiums for insurance covering medical, drugs, dental, hearing, or vision care.

(iii) Expenses or premiums for life, disability, long-term care, or similar welfare benefits for a former employee.

(o) "Retirement pension benefit" means an allowance, right, accrued right, or other pension benefit payable under a defined benefit pension plan to a participant in the plan or a beneficiary of the participant.

(p) "Retirement system" means a retirement system, trust, plan, or reserve fund that a local unit of government establishes, maintains, or participates in and that, by its express terms or as a result of surrounding circumstances, provides retirement pension benefits or retirement health benefits, or both. Retirement system does not include a state unit as that term is defined in section 2 of the public employee retirement benefit protection act, 2002 PA 100, MCL 38.1682.

(q) "Underfunded local unit of government" means a local unit of government that is in underfunded status.

(r) "Underfunded status" means that the state treasurer has determined that the local unit of government is underfunded under the review provided in section 5 and the local unit of government does not have a waiver under section 6.

Sec. 4. (1) Beginning July 1, 2018, if a local unit of government offers or provides an employee of the local unit of government, or a former employee first employed by the local unit of government before the effective date of this act, with a retirement health benefit, all of the following apply to the local unit of government:

(a) The local unit of government must pay at least both of the following:

(i) Normal costs for employees first hired after June 30, 2018.

(ii) Any retiree premiums that are due for retirants in the retirement system.

(b) The local unit of government shall electronically submit a summary retiree health care report in a form prescribed by the department of treasury on an annual basis to the governing body of the local unit of government and the department of treasury no later than 6 months after the end of the local unit of government's fiscal year. The department of treasury shall post on its website an executive summary of each summary retiree health care report submitted to the

department of treasury under this subdivision. The executive summary must include the applicable system's unfunded actuarial accrued liability. The department of treasury shall submit each executive summary required under this subdivision to the senate and the house of representatives appropriations committees and the senate and house fiscal agencies not less than 30 days after posting.

(c) At least every 5 years, the local unit of government shall have an actuarial experience study conducted by the plan actuary for each retirement system of the local unit of government.

(d) At least every 8 years, the local unit of government shall do at least 1 of the following:

(i) Have a peer actuarial audit conducted by an actuary that is not the plan actuary.

(ii) Replace the plan actuary.

(e) A local unit of government that is eligible to use a specified alternative measurement method under Governmental Accounting Standards Board standards is exempt from the requirements under subdivisions (c) and (d).

(2) As used in this section, "summary retiree health care report" means a report that includes all of the following for each retirement system of the local unit of government that provides retirement health benefits:

(a) The name of the retirement system.

(b) The names of the retirement system's investment fiduciaries.

(c) The names of the retirement system's service providers.

(d) The retirement system's assets and liabilities and changes in net plan assets on a plan-year basis.

(e) The retirement system's funded ratio based on the ratio of valuation assets to actuarial accrued liabilities on a plan-year basis.

(f) The assumed rate of return of the retirement system.

(g) The actual rate of return of the retirement system for the previous 1-year period, the previous 5-year period, and the previous 10-year period.

(h) The discount rate used by the retirement system.

(i) The retirement system's amortization method for unfunded liability, indicating whether it is open or closed.

(j) The retirement system's amortization method, indicating whether it is level percent or level dollar, and the assumed payroll growth rate.

(k) The retirement system's remaining amortization time period.

(l) The annual required contribution for the retirement system, indicating the normal cost and the amortization payment toward the unfunded actuarial accrued liability.

(m) The retirement system's health care inflation assumptions.

(n) The number of active employees and retirants in the retirement system.

(o) The amount of premiums paid on behalf of retirants in the retirement system.

Sec. 5. (1) For purposes of reporting under this section, the state treasurer shall annually establish uniform actuarial assumptions of retirement systems that include, but are not limited to, investment returns, salary increase rates, mortality tables, discount rates, and health care inflation.

(2) The state treasurer shall create an evaluation system and provide for review and oversight under this act of an underfunded local unit of government beginning on the effective date of the determination by the state treasurer that the local unit of government is in underfunded status.

(3) Each year beginning after December 31, 2017, the state treasurer shall determine the underfunded status of each local unit of government.

(4) The state treasurer shall determine that a local unit of government is in underfunded status if any of the following apply:

(a) The actuarial accrued liability of a retirement health system of the local unit of government is less than 40% funded, according to the most recent annual report, and, if the local unit of government is a city, village, township, or county, the annual required contribution for all of the retirement health systems of the local unit of government is greater than 12% of the local unit of government's annual general fund operating revenues, based on the most recent fiscal year.

(b) The actuarial accrued liability of a retirement pension system of the local unit of government is less than 60% funded, according to the most recent annual report, and, if the local unit of government is a city, village, township, or county, the annual required contribution for all of the retirement pension systems of the local unit of government is greater than 10% of the local unit of government's annual general fund operating revenues, based on the most recent fiscal year.

(c) The local unit of government has not submitted reports as required under this section.

(d) The local unit of government fails to make the payments as described under section 4(1).

(5) For purposes of the report under subsection (6), a local unit of government shall annually calculate the funded ratios of each retirement system of the local unit of government using the uniform actuarial assumptions established under subsection (1).

(6) A local unit of government shall electronically submit a report in a form prescribed by the department of treasury on an annual basis to the governing body of the local unit of government and the department of treasury no later than 6 months after the end of the local unit of government's fiscal year. The report under this subsection must include at least all of the following:

(a) The funded ratios of each retirement system of the local unit of government.

(b) Annual required contributions for each retirement system of the local unit of government.

(c) The local unit of government's annual general fund operating revenues, if any.

(7) The state treasurer shall post publicly on the department of treasury website all of the following:

(a) The uniform actuarial assumptions under subsection (1).

(b) A summary report of the local unit of government reports submitted under subsection (6).

(c) The underfunded status of local units of government as determined under subsection (3).

(d) The current waiver status of local units of government provided under section 6.

(e) Any corrective action plan approved under section 10.

(8) A local unit of government shall post publicly on its website, or in a public place if it does not have a website, the information as provided in subsection (7) that is applicable to that local unit of government.

Sec. 6. (1) To apply for a waiver of the underfunded status determination under section 5, the local unit of government's administrative officer and governing body must approve a plan demonstrating the underfunded status is being addressed and must approve the waiver application. The state treasurer shall issue a waiver of the determination of underfunded status for a local unit of government if the state treasurer determines that the underfunded status is adequately being addressed by the local unit of government.

(2) For any underfunded local unit of government that is not granted a waiver, the department of treasury shall do all of the following:

(a) Undertake an individualized and comprehensive internal review of the local unit of government's retirement system.

(b) Discuss changes or reforms that have been made with the local unit of government's designated officials.

(c) Review actuarial projections, including trends and forecasts.

Sec. 7. (1) The municipal stability board is created within the department of treasury. Except as otherwise provided in this act, the board shall exercise its powers, duties, and functions independently of the state treasurer. The budgeting, procurement, and related management functions of the board must be performed under the direction and supervision of the state treasurer. The department of treasury shall provide administrative support to the board.

(2) Subject to subsection (3), the board consists of all of the following members appointed by the governor:

(a) One resident of this state representing state officials.

(b) One resident of this state representing local officials.

(c) One resident of this state representing employees and retirees.

(3) Members appointed under subsection (2) must have knowledge, skill, or experience in accounting, actuarial science, retirement systems, retirement health benefits, or government finance.

(4) Of the members initially appointed by the governor under subsection (2), 1 member must be appointed for an initial term of 4 years, 1 member must be appointed for an initial term of 3 years, and 1 member must be appointed for an initial term of 2 years. After the initial terms, members appointed by the governor under subsection (2) must be appointed for terms of 4 years.

(5) A vacancy for an unexpired term must be filled in the same manner as the original appointment for the remainder of the term. After the expiration of a term, a member may continue to serve until a successor is appointed and qualified.

(6) The member of the board appointed under subsection (2)(a) shall serve as the chairperson of the board.

(7) A majority of the members of the board authorized to take an action constitute a quorum of the board for the transaction of business on that action. The board shall meet not less than quarterly and at the times and places within this state designated by the chairperson. An action of the board must be approved by a majority of the members authorized to take that action.

(8) The board shall adopt bylaws for governance of the board, which must, at a minimum, address the procedures for conducting meetings, including voting procedures, and the requirements of its members to attend meetings. Bylaws required by this section are not subject to the administrative procedures act of 1969, 1969 PA 306, MCL 24.201 to 24.328.

(9) The board may contract for professional services, as it requires, and shall determine the qualifications for persons providing those professional services it considers necessary.

(10) Members of the board serve without compensation but may receive reimbursement for travel and expenses incurred in the discharge of official duties. The members of the board and contractors or agents of the board are subject to 1968 PA 317, MCL 15.321 to 15.330, and 1968 PA 318, MCL 15.301 to 15.310.

(11) A member of the board, and any person the board contracts with, shall discharge the duties of his or her position in a nonpartisan manner, with good faith, and with that degree of diligence, care, and skill that an ordinarily prudent person would exercise under similar circumstances in a like position. The board shall adopt an ethics policy governing the conduct of board members and officers and employees of the board.

(12) Board members shall take and subscribe to the constitutional oath of office under section 1 of article XI of the state constitution of 1963. The oath must be filed with the secretary of state.

(13) As used in this section, "professional services" means services that require a high degree of intellectual skill, an advanced degree, or professional licensing or certification. Those providing the professional services must be distinguished based on their specialized knowledge, experience, and expertise. Professional services include, but are not limited to, accounting, actuarial, appraisal, auditing, investment advisor, and legal services.

Sec. 8. The board shall review and annually update a list of best practices and strategies that will assist an underfunded local unit of government in developing a corrective action plan.

Sec. 9. An underfunded local unit of government shall develop and submit for approval a corrective action plan for the local unit of government. The local unit of government shall determine the components of the corrective action plan.

Sec. 10. (1) The board shall review and vote on the approval of a corrective action plan submitted by a local unit of government. A local unit of government that is in underfunded status shall submit a corrective action plan to the board within 180 days after the determination of underfunded status. The board may extend the 180-day deadline by up to an additional 45 days if the local unit of government submits a reasonable draft of a corrective action plan and requests an extension. The governing body of the local unit of government shall approve the corrective action plan before submission to the board. The board shall approve or reject a corrective action plan within 45 days after it is submitted.

(2) A corrective action plan may include the corrective options for correcting underfunded status as set forth in subsection (7) and any additional solutions to address underfunded status. A local unit of government may also include in its corrective action plan a review of the local unit of government's budget and finances to determine any alternative methods available to address its underfunded status.

(3) The board may review the inclusion of the corrective options and additional solutions as described in subsection (7) as part of its approval criteria to determine whether a corrective action plan is designed to remove the local unit of government from underfunded status.

(4) If the board votes to disapprove a corrective action plan that has been submitted, the board shall within 15 days provide a notification and report to the local unit of government detailing the reasons for the disapproval of the corrective action plan. The local unit of government has 60 days from the date of the notification to address the reasons for disapproval and resubmit a corrective action plan for approval.

(5) The local unit of government has up to 180 days after the approval of a corrective action plan to begin to implement the corrective action plan to address its underfunded status.

(6) The board shall monitor each underfunded local unit of government's compliance with this act and any corrective action plan. The board shall adopt a schedule, not less than every 2 years, to certify that the underfunded local unit of government is in substantial compliance with this act. If the board determines that an underfunded local unit of government is not in substantial compliance under this subsection, the board shall within 15 days provide notification and report to the local unit of government detailing the reasons for the determination of noncompliance with the corrective action plan. The local unit of government has 60 days from the date of the notification to address the determination of noncompliance.

(7) A corrective action plan under this section may include the development and implementation of corrective options for the local unit of government to address its underfunded status. The corrective options as described in this section may include, but are not limited to, any of the following:

- (a) For retirement pension benefits, any of the following:
  - (i) Closing the current defined benefit plan.
  - (ii) Implementing a multiplier limit.

- (iii) Reducing or eliminating new accrued benefits.
- (iv) Implementing final average compensation standards.
- (b) For retirement health benefits, any of the following:
  - (i) Requiring cost sharing of premiums and sufficient copays.
  - (ii) Capping employer costs.

(8) Except as otherwise provided in this act, while any corrective action plan is in effect for an underfunded local unit of government, the local unit of government is not required to submit any additional corrective action plan for approval.

Sec. 12. (1) The board is a state board and its members are state officers for the purposes of section 6419 of the revised judicature act of 1961, 1961 PA 236, MCL 600.6419.

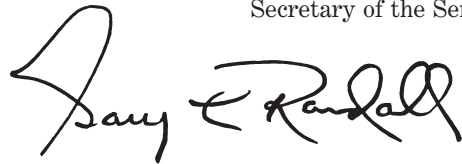
(2) The validity of the board is conclusively presumed unless questioned in an original action filed in the court of claims within 60 days after the effective date of this act. The court of claims has original jurisdiction to hear an action under this subsection. The court shall hear the action in an expedited manner. The department of treasury is a necessary party in an action under this subsection.

(3) The court of claims has exclusive jurisdiction over any action challenging the validity of this act or an action or inaction under this act. The department of treasury is a necessary party in an action under this subsection.

This act is ordered to take immediate effect.



Secretary of the Senate



Clerk of the House of Representatives

Approved .....

.....  
Governor

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO ACCEPT A PROPOSAL FOR AERIAL INSECTICIDE SPRAYING SERVICES  
AND TO AUTHORIZE THE MAYOR AND CITY CLERK TO EXECUTE AN AGREEMENT FOR  
GYPSY MOTH SUPPRESSION SERVICES

WHEREAS:

1. As detailed in the attached Staff Report, Hamilton Helicopters, Inc. has submitted an agreement for gypsy moth suppression spraying services at a cost of \$67.35 per acre.
2. The Gypsy Moth Suppression Spraying Services will be funded through a Special Assessment as approved by the City Council.
3. It is recommended the City Council accept the proposal.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby accept the proposal for aerial insecticide spraying services from Hamilton Helicopters, Inc. in the total estimated amount of \$77,048.40.
2. The City Council does hereby authorize the Mayor and City Clerk to execute the agreement for the gypsy moth suppression series.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried        Yes  
                                      No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENTS:

Staff Report  
Agreement

Resolution No. \_\_\_\_\_

## STAFF REPORT

Date: March 14, 2018

Subject: Gypsy Moth Suppression Spraying Services for 2018

From: Kelli A. Vandenberg, City Clerk

Council Meeting Date: Monday, March 19, 2018

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### **Recommendation**

It is recommended the City Council accept a proposal from Hamilton Helicopters, Inc. for award of the contract for gypsy moth suppression spraying services at a cost of \$67.35 per acre. A total of 1,144 acres is recommended for treatment.

### **Sustainability Criteria**

Environmental Quality – The approval of this agreement will allow for the treatment and suppression of gypsy moths, providing protection to trees and properties in the affected areas.

Economic Strength – Approval of this agreement ensures the treatment of gypsy moths will be done at an equitable price that is consistent with previous treatment programs.

Social Equity – Approval of this agreement will help facilitate the treatment of properties with a nuisance level infestation of gypsy moths, as well as public spaces including several City properties.

### **Discussion**

In a suburban/urban setting such as Wyoming, the preferred method for application of an aerial insecticide spray is helicopter (versus fixed-wing aircraft). In 2009, only two firms responded to a joint bid between the cities of Kentwood, Walker and Wyoming. The low bidder, Mid-Michigan Helicopter, Inc. was granted the project and satisfactorily performed both the 2009 and 2010 suppression programs. In 2015, the owner of Mid-Michigan Helicopter sold his business to Hamilton Helicopter, Inc. Hamilton Helicopter successfully completed Wyoming's gypsy moth suppression spraying services in 2015, 2016 and 2017. Given the limited number of firms that perform this type of service, as well as Hamilton Helicopter's knowledge of the community and consistent pricing, it is recommended that the City of Wyoming contract with Hamilton Helicopter, Inc. for the 2018 gypsy moth suppression spraying services.

### **Budget Impact**

A total of 1,144 acres is recommended for gypsy moth treatment. The cost of the aerial spray service is approximately \$77,000. Total cost of the 2018 suppression program is estimated at \$88,000, which includes spray service, field consulting services, as well as all required mailings and legal publications. As there are currently no funds available to provide aerial spraying for gypsy moths, a special assessment has been proposed to accommodate the expense of this service. The special assessment would charge a flat fee of \$26 per parcel to those in the spray area. Larger properties (1/2 acre or larger) have been identified for a separate special assessment that would charge a rate of \$75.00 per treated acre. There is no impact to the budget by funding this program through a special assessment.

## GYPSY MOTH SUPPRESSION SERVICES AGREEMENT

This agreement is made as of \_\_\_\_\_, 2018, between the City of Wyoming, a Michigan municipal corporation at 1155 28th. St. Box 905 Wyoming, Michigan 49509-0905. (hereafter referred to as the City), and Hamilton Helicopter Inc. (hereafter referred to as Hamilton Helicopters).

Whereas the City desires to control the gypsy moth population within its boundaries, and Hamilton Helicopters is interested in and capable of participating in a Gypsy moth suppression program with the City.

NOW, therefore, the parties agree as follows.

- A With regard to the gypsy moth suppression program, the City shall provide or arrange for the following to be performed:
- (1) Determination of spray blocks.
  - (2) Provide homeowner notification of the spraying program, and make all public notices required, and make sure there are no objectors in the spray blocks.
  - (3) Provide location of all objectors in and outside the spray blocks, and exclude and defend Hamilton Helicopters from any action, legal or otherwise, that should arise from the "no exclusion policy".
  - (4) Provide digitized maps of the spray blocks.
  - (5) Provide traffic and crowd control at the time of spraying, in the spray blocks and at the load site if deemed necessary by the parties.
  - (6) Provide a central loading site.
- B With regard to the gypsy moth suppression program, Hamilton Helicopters shall:
- (1) Have and maintain insurance coverage during the term of this agreement in the amount of \$3,000,000.00 single limit bodily injury and property damage. The City and its employees shall be named as "additional insured". All liability for Hamilton Helicopters and its employees will be limited to the insurance policy provided.
  - (2) Will apply to the F.A.A. for a (workable) congested area spray plan for the time period from May 1, 2018 to June 15, 2018.
  - (3) Provide Bacillus Thuringiensis 'BT' at the rate of 19 B.I.U. per acre to cover 1144 acres for the City.
  - (4) Coordinate the spray timing with Aquatic Consulting Services.
- C In addition to providing the services in paragraph A above, the City shall pay Hamilton Helicopters a fee of \$67.35 per acre for providing the services listed in paragraph B. This shall be paid within 30 days of billing.
- D In the event Hamilton Helicopters is prevented from spraying as a result of legal action, court injunction, terrorist related problems or any problems beyond the control of Hamilton Helicopters, the City will pay \$15.00 per acre to cover some of the costs incurred.
- E For the purposes of this contract, the contractor and its employees shall be considered

Independent contractors.

F Either party upon Thirty (30) days' notice may terminate this agreement, in addition, this agreement may be amended by mutual consent of the parties.

IN WHTNESS THERE OF, the parties here have executed this agreement by and through their authorized representatives as of the date written above.

CITY OF WYOMING

Hamilton Helicopters Inc.

\_\_\_\_\_ DATE \_\_\_\_\_

*Kend Sparks*

DATE *1/29/18*

It's *Pcca*

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO AUTHORIZE THE MAYOR AND CITY CLERK  
TO EXECUTE AN AMENDMENT TO THE STREETLIGHTING  
CONTRACT WITH CONSUMERS ENERGY COMPANY

WHEREAS:

1. The City has had a contract with Consumers Energy Company (CE) for CE owned streetlights throughout the City for many years.
2. The City desires to have Consumers Energy Company install two 100 watt high pressure sodium streetlights on Trinity Lane.
3. The proposed streetlights will be placed in the new section of Trinity Lane, located north of Glory Way.
4. Consumers Energy will place the two streetlights and necessary appurtenances at a cost of \$400.00.
5. Consumers Energy has submitted the attached modification to the streetlighting contract to address this change.

NOW, THEREFORE, BE IT RESOLVED:

1. That the Mayor and City Clerk are hereby authorized to execute the attached Authorization for Change in Standard Streetlighting Contract and the accompanying Consumers Energy Resolution.

Moved by Councilmember:  
Seconded by Councilmember:  
Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

\_\_\_\_\_  
Kelli A. Vandenberg, Wyoming City Clerk

ATTACHMENTS:  
Authorization for Change in Standard Lighting Contract  
Consumers Energy Resolution  
Invoice

Resolution No. \_\_\_\_\_



**AUTHORIZATION FOR CHANGE IN  
STANDARD LIGHTING CONTRACT  
(COMPANY-OWNED) FORM 547**

Contract Number: 103016902985

Consumers Energy Company is authorized as of 2/22/2018, by the City of Wyoming, to make changes, as listed below, in the lighting system(s) covered by the existing Standard Lighting Contract between the Company and the City of Wyoming, dated 2/1/2013.

Lighting Type:

General Service Unmetered Lighting Rate GUL, Standard High Intensity Discharge

Notification Number(s):

1041142670

Construction Work Order Number(s):

Except for the changes in the lighting system(s) as herein authorized, all provisions of the aforesaid Standard Lighting Contract dated 2/1/2013 shall remain in full force and effect.

City of Wyoming

By:

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Printed)

Its

\_\_\_\_\_  
(Title)

This Agreement may be executed and delivered in counterparts, including by a facsimile or an electronic transmission thereof, each of which shall be deemed an original. Any document generated by the parties with respect to this Agreement, including this Agreement, may be imaged and stored electronically and introduced as evidence in any proceeding as if original business records. Neither party will object to the admissibility of such images as evidence in any proceeding on account of having been stored electronically.

**RESOLUTION**

RESOLVED, that it is hereby deemed advisable to authorize Consumers Energy Company to make changes in the lighting service as provided in the Standard Lighting Contract between the Company and the City of Wyoming, dated 2/1/2013, in accordance with the Authorization for Change in Standard Lighting Contract dated 2/22/2018,

heretofore submitted to and considered by this  commission  council  board ;and

RESOLVED, further, that the \_\_\_\_\_ Clerk be and are authorized to execute such authorization for change on the behalf of the City.

STATE OF MICHIGAN  
COUNTY OF Kent

I, \_\_\_\_\_, Clerk of the City of Wyoming, do hereby certify that the foregoing resolution was duly adopted by the  commission  council  board of said municipality, at the meeting held on \_\_\_\_\_.

\_\_\_\_\_

Dated:

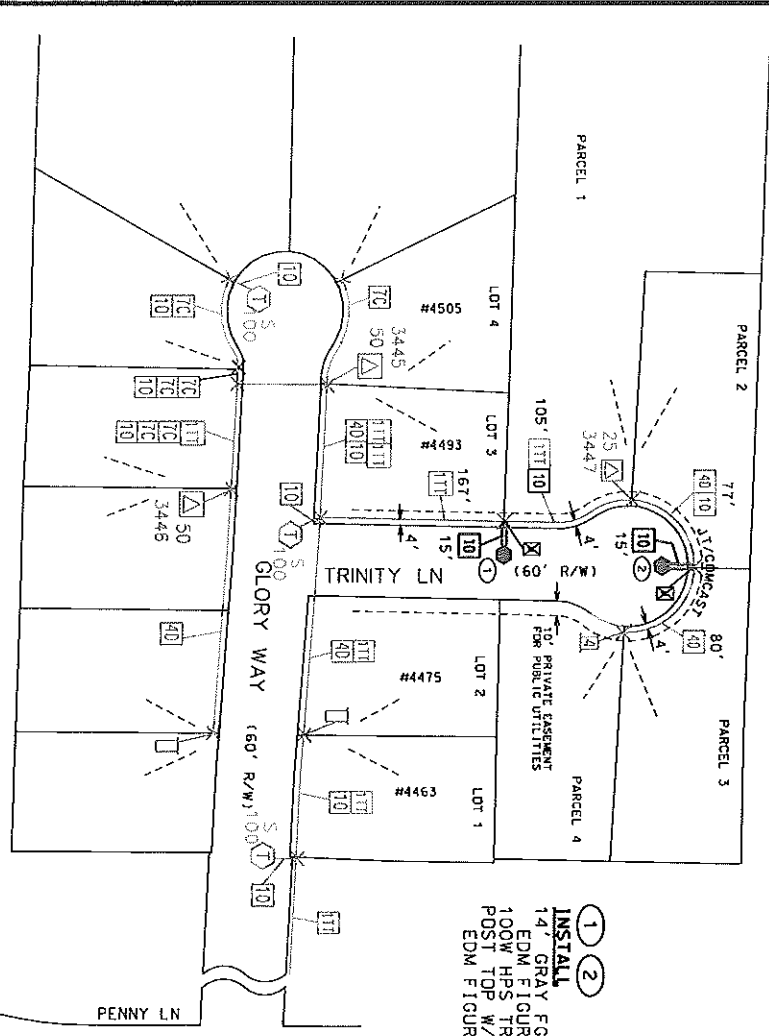
Municipal Customer Type: City

\_\_\_\_\_

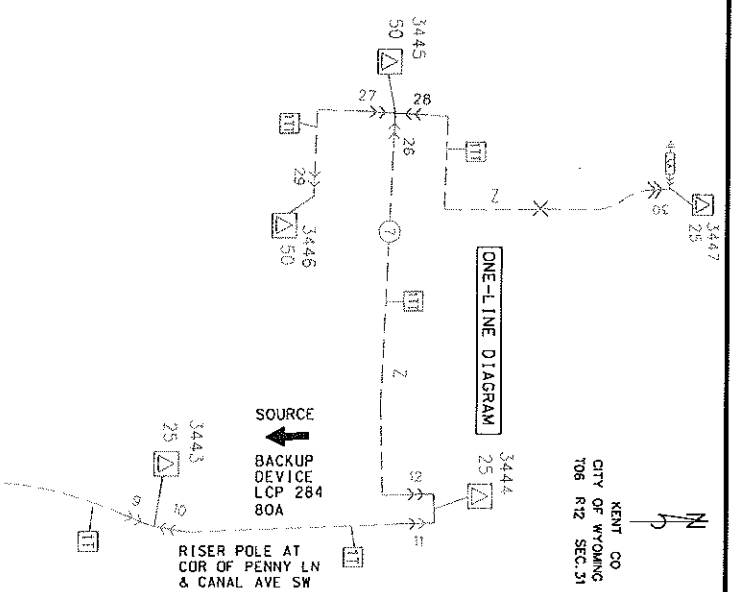
## GENERAL SERVICE UNMETERED LIGHTING RATE GUL, STANDARD HIGH INTENSITY DISCHARGE

<i>Number of Luminaires</i>	<i>Nominal Watts</i>	<i>Luminaire Type</i>	<i>Fixture Type</i>	<i>Fixture Style</i>	<i>Install Remove</i>	<i>Location</i>
2	100	HPS	Post Top	Traditional	Install	1 and 2

KENT CO  
CITY OF WYOMING  
106 R12 SEC.31



1 2  
INSTALL  
14' GRAY FG  
EDM FIGURE 42-211-1  
100W HPS TRADITIONAL  
POST TOP W/ PC  
EDM FIGURE 42-215-1



REASON FOR WORK:  
INSTALLING STREET LIGHT FOR SUB

**CONSUMERS ENERGY CONTACTS**

DEPARTMENT	NAME	NUMBER	ALTERNATE
ENGINEER	JAMES MIXTER	616 530 4115	517 881 6474
COORDINATOR	SAMUEL DYKSTRA	616 530 4021	810 588 8159

**-CONSTRUCTION CERTIFICATION-**

Work was constructed as Engineered or Changed as Indicated.  
All Salvageable Material Was Returned to Stores.

Signed \_\_\_\_\_ in Direct Charge of Work  
Dates: Started \_\_\_\_\_ Completed \_\_\_\_\_  
MISS DIG NUMBER: \_\_\_\_\_ DATE: \_\_\_\_\_

STAKED	YES	NO
TREES	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TLM NUMBER	<input checked="" type="checkbox"/>	<input type="checkbox"/>
# OF RODS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
OHMS	<input checked="" type="checkbox"/>	<input type="checkbox"/>

DESIGNED BY	DATE	APPROVED BY	DATE
JAMES MIXTER	02/19/18		

TRINITY LN STREETLIGHT	CM NO.	ORDER TYPE	DESIGN NUMBER
TRINITY LN AND GLORIA WAY	100004681455	STL	10906812

NOTIFICATION:  
1041142670  
ORDER NUMBER



A CMS Energy Company

**CEM Support Center**

Consumers Energy, CEM Support Center, Lansing Service Center, Rm. 122, 530 W. Willow St., P.O. Box 30162 Lansing, MI 48909-7662

February 23, 2018

NOTIFICATION #:  
1041142670

CITY OF WYOMING  
PO BOX 905  
WYOMING, MI 49509-0905

REFERENCE: TRINITY LN, WYOMING

Dear Valued Customer,

Thank you for contacting Consumers Energy for your energy needs. Please note the Notification Number above and include it on any correspondence you send. Please note the Account Number, located above the Account Name on your invoice, when submitting payment.

Enclosed for approval and signature is the original Authorization for Change and Resolution covering the replacement and/or installation of streetlight(s). In conjunction with the work, a non-refundable payment of \$100.00 per luminaire is required.

A monthly energy charge associated with this lighting installation for 1 Luminaire(s) is approximately \$11.75  
This charge is subject to change based on current rates. After the installation is complete, you will begin receiving separate monthly bill for the above energy charge. You are responsible for the final restoration.

The estimated cost for your energy request is as follows:

Non Refundable Agreement for Installation of Electric Facilities:

Winter Construction Costs:	\$ 60.00
Installation Charge (\$100.00 per Luminaire):	\$ 200.00
Additional Costs	\$ 140.00
<b>Total Estimated Cost:</b>	<b>\$ 400.00</b>
Less Prepayment Received:	\$ -
<b>Total Estimated Cost Due:</b>	<b>\$ 400.00</b>

Please sign and return the original Authorization for Change and Resolution in the enclosed self-addressed envelope or email to: POBoxCEServiceRequest@cmsenergy.com. Payment in full is required before the installation can be scheduled for construction.

Please review all attached materials carefully and direct inquiries for your request to:

Samuel B Dykstra at (517) 545-8739



Account Number 300012760538  
Account Name CITY OF WYOMING  
Address PO BOX 905  
WYOMING, MI 49509-0905

Invoice Number 9312202561  
PO Number  
PO Date  
Bill Date 02/23/18  
DUE DATE 03/25/18

CITY OF WYOMING  
PO BOX 905  
WYOMING MI 49509-0905

Comments: TRINITY LN - WYOMING - STREETLIGHTING - NOTIFICATION NUMBER (s): - - - - - 1041142670

Contact our secure credit/debit card payment center at 866-329-9593 to make a payment or visit us at  
ConsumersEnergy.com/ways topay to view other convenient payment options.

Item	Description	Quantity	Unit Price	Amount
40010403	Electric Streellights-CIAC	2.0 EA	\$100.00	\$200.00
40010403	Electric Streellights- TRENCH	20.0 EA	\$7.00	\$140.00
40010414	Electric Winter Construction	20.0 FT	\$3.00	\$60.00
Payment Terms:		Due 03/25/18 by:	TOTAL DUE:	\$400.00
PLEASE ENCLOSE THE BOTTOM PORTION OF THIS INVOICE WITH YOUR PAYMENT. THE ACCOUNT NUMBER IS NECESSARY TO ENSURE YOUR PAYMENT IS PROPERLY CREDITED. THANK YOU				

Contact Information: Samuel B Dykstra -(517) 545-8739 -

Consumers Energy is regulated by the Michigan Public Service Commission, Lansing, Michigan.

Please detach this stub and return it with your payment



CONSUMERS ENERGY  
CEM Support Ctr - Lansing RM 122  
PO Box 30162  
Lansing, MI 48909-7662

PREPAYMENT REQUEST  
CITY OF WYOMING  
PO BOX 905  
WYOMING MI 49509-0905

Due Date	Total Due
03/25/18	\$400.00
Amount	\$
Enclosed	

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO ACCEPT AMENDMENT NUMBER ONE FROM  
DONOHUE & ASSOCIATES, INC. FOR AERATION BASIN IMPROVEMENTS AND TO  
AUTHORIZE THE MAYOR AND CITY CLERK TO EXECUTE THE AMENDMENT

WHEREAS:

1. On May 1, 2017, City Council adopted Resolution #25758 authorizing Donohue & Associates, Inc. to provide design services and installation for the aeration basin improvements in the total amount of \$104,922.
2. As detailed in the attached staff report, a variable frequency drive (VFD) failed and additional work is required to include the new drive.
3. It is recommended the City accept amendment number one from Donohue & Associates, Inc. in the total estimated amount of \$10,000.
4. Funds are available in account number 590-590-54400-986444.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby accept amendment number one from Donohue & Associates, Inc. for aeration basin improvements in the total estimated amount of \$10,000.
2. The City Council does hereby authorize the Mayor and City Clerk to execute the amendment.

Moved by Councilmember:  
Seconded by Councilmember:  
Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENTS:  
Staff Report  
Letter  
Amendment No. 1

Resolution No. \_\_\_\_\_

## STAFF REPORT

Date: March 8, 2018  
Subject: CWP Blower Reprogramming, Additional Work Required  
From: Jon Burke, CWP Superintendent  
Meeting Date: March 19, 2018

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### **Recommendation:**

City Council Resolution 25758 approved a proposal from Donohue & Associates, Inc. to provide blower and valve control programming to optimize the aeration system at the Clean Water Plant. The variable frequency drive (VFD) for one of the five blowers failed days before the completion of this work. The replacement VFD has now been installed and additional work is required to include this new drive in the blower controls. It is recommended that the Council authorize an amendment to the original agreement with Donohue, in the amount of an additional \$10,000 to complete this work.

### **Sustainability Criteria:**

Environmental Quality – The aeration system at the Clean Water Plant is the main means of treatment action at the Clean Water Plant. The more efficient the operation, the more secure our environmental safeguards are.

Social Equity -- The Utility function within the City of Wyoming provides the same high quality service to all areas of the City without regard to income level or socio-economic status.

Economic Strength – Efficiency of treatment has a direct impact on cost. By improving the efficiency of this treatment system, the costs to run the system will be lowered. Even a modest increase in efficiency can reduce electrical power costs by thousands of dollars a month.

### **Quality Service Impact:**

The Clean Water Plant strives to provide the best treatment possible while continually looking for ways to improve the efficiency of the process.

### **Discussion:**

At its May 1, 2017 meeting, City Council approved a proposal from Donohue & Associates to complete blower and valve control programming for the Clean Water Plant's aeration basins at a cost of \$104,922. The project was started in late September and ran into several unexpected issues that resulted in some additional work. In addition, the VFD for one of the blowers failed and needed extensive repairs. This failure occurred only a matter of days prior to the installation of the new blower program. As a result, Donohue was not able to include this blower in the new programming. Since September, the VFD has been repaired and is now in need of programming

to make it usable by the new control system. Extra visits and additional work have been required as a result of this issue but we hope to have the work completed by the end of March.

**Budget Impact:**

There are sufficient funds in the Sewer Fund Capital Outlay Plant Expansion Phase 2 Account #590-590-54400-986.444 for completion of this project.

Attachments:

Donohue & Associates, Inc. Amendment No. 1 to Engineering Services Agreement

Donohue & Associates, Inc. Request for Amendment



Donohue & Associates, Inc.  
3949 Sparks Drive SE, Suite 105 | Grand Rapids, MI 49546  
616.201.2810 | donohue-associates.com

March 6, 2018

Myron Erickson, PE  
City of Wyoming Clean Water Plant  
2350 Ivanrest Ave SW  
Wyoming, MI 49418

Re: Request for Amendment No. 1 for Aeration Blower Reprogramming

Dear Myron:

Following up on our recent conversation regarding the aeration blower reprogramming work, I'm writing to request that the contract be amended to incorporate additional work and effort. Two items of work prompt this request:

1. Since the contract was originally written you have purchased a new VFD for one of the aeration blowers and you have requested that we provide additional programming services to integrate the new VFD into the blower controls program.
2. During the course of the project a number of events beyond anyone's control have occurred resulting in the expenditure of additional effort to complete the programming.

I have included a proposed contract amendment to assist in the processing of the changes. We have appreciated the opportunity to be of service to you and the staff of the Clean Water Plant. Please let me know if you have any questions or need additional information.

Sincerely,

Michael A. Harvey, PE  
Vice President

Enclosures: Amendment No. 1

Copy: Jon Burke



AMENDMENT NO. 1 to  
ENGINEERING SERVICES AGREEMENT  
WYOMING CLEAN WATER FACILITY  
AERATION BLOWER REPROGRAMMING  
Original Agreement Executed: May 4, 2017

This Amendment is by and between:

City of Wyoming Clean Water Plant (Owner)  
2350 Ivanrest Ave SW  
Wyoming, MI 49418

And

Donohue & Associates, Inc. (Donohue)  
3949 Sparks Drive SE, Suite 105  
Grand Rapids, MI 49546

Who agree to amend the original Agreement, as follows:

**PART I – B. SCOPE OF SERVICES**

The Owner requested the integration into the control system of a new VFD for one of the aeration blowers. In addition during the overall programming of the new blower controls a number of unexpected occurrences complicated the controls programming resulting in additional effort. The services have been modified to include the following additional activities:

- B. Design Services
5. Integrate recently purchased Rockwell VFD into the controls system.

**PART III – A. COMPENSATION**

Compensation for the services set forth in Part I shall be increased \$10,000, resulting in a total contract amount of \$114,992.

**APPROVED FOR OWNER**

**APPROVED FOR DONOHUE**

By: \_\_\_\_\_

By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**APPROVED AS TO FORM:**

[Handwritten signature]
Deputy Wyoming City Attorney

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO ACCEPT A PROPOSAL FROM FISHBECK, THOMPSON, CARR AND HUBER, INC. FOR AN HVAC SYSTEMS STUDY AND TO AUTHORIZE THE MAYOR AND CITY CLERK TO EXECUTE THE AGREEMENT

WHEREAS:

1. As detailed in the attached Staff Report, it recommended the City Council accept a proposal from Fishbeck, Thompson, Carr & Huber, Inc. for a heating, ventilating, and air conditioning (HVAC) systems study at the Clean Water Plant in the total estimated amount of \$19,000.
2. Sufficient funds are available in the Clean Water Plant's professional services account number 590-590-54300-801000.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby accept a proposal from Fishbeck, Thompson, Carr & Huber, Inc. for a HVAC systems study in the total estimated amount of \$19,000.
2. The City Council does hereby authorize the Mayor and City Clerk to execute the agreement.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried      Yes  
                                    No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

ATTACHMENTS:

Staff Report  
Agreement

## STAFF REPORT

Date: February 26, 2018  
Subject: HVAC Engineering Study  
From: Jon Burke, Clean Water Plant Superintendent

Meeting Date: March 19, 2018

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### **RECOMMENDATION:**

It is recommended that the City Council approve the execution of an engineering services agreement with Fishbeck, Thompson, Carr & Huber (FTC&H) as outlined in the attached scope of work regarding needed upgrades and improvements to the Clean Water Plant's heating, ventilation, and air conditioning (HVAC) infrastructure.

### **SUSTAINABILITY CRITERIA:**

#### Environmental Quality:

The Clean Water Plant is actively engaged in the protection of Michigan's natural water environment and the public health of Wyoming's citizens. As part of our efforts to continue making a positive impact on the environment, it is necessary that our infrastructure and the equipment that keeps it running are maintained in a safe, reliable, and optimal working condition.

#### Social Equity:

The Utility function within the City of Wyoming provides the same high quality service to all areas of the City without regard to income level or socio-economic status. All of Wyoming's residents enjoy equal access to the benefits of our state-of-the-art wastewater and drinking water treatment technologies.

#### Economic Strength:

The replacement of boiler equipment that is 40 and 50 years old will provide substantial energy savings which will continue the Clean Water Plant's mission of providing excellent wastewater treatment as economically as possible.

### **QUALITY SERVICE IMPACT:**

The budgeted replacement of the boiler systems at the Clean Water Plant should result in substantial energy savings. The need to replace one of the air conditioning units that is currently failing makes this a logical time to look at the heating and cooling requirements of the entire facility before moving forward with any work.

## **DISCUSSION:**

The Clean Water Plant was just able to finish up the cooling season last summer with an air conditioning unit in the main building that was running at 50% capacity at best. This chiller unit is 30 years old and works with two compressor units, both of which have been replaced twice since it was put in service. Moreover, the system uses a refrigerant that can no longer be purchased.

There are also two boilers at the facility that provide the heat to most of the buildings on the property. One of these boilers was installed with the original plant in 1964 and the other was installed when the plant was expanded in 1974. Both of these units have served us well but are in need of replacement.

Anticipating the necessity of this work, we planned for these improvements in our FY19 budget. However, an engineering study must come ahead of the physical installation, and with cooling season approaching we'd like to proceed with this step now. Our existing relationship and recent experience with FTC&H on other projects has given us great confidence in the talents of their mechanical engineering staff. We therefore asked them to provide a proposal for engineering services to examine the entire heating and cooling system at the plant, any applicable technological alternatives, any rebates and/or incentives that are available, and to make recommendations.

## **BUDGET IMPACT:**

The cost of the proposed work will not exceed \$19,000. Sufficient funds exist in the sewer fund professional services account #590-590-54300-801.000.

Attachments:

Proposal for Professional Engineering Services from FTC&H

Engineering agreement between the City of Wyoming and FTC&H



February 26, 2018

Mr. Tom Wilson  
Wyoming Clean Water Plant  
2350 Ivanrest Avenue, SW  
Grandville, MI 49418

Re: Proposal for Professional Engineering Services  
Heating, Ventilating, and Air Conditioning (HVAC) Systems Study

Dear Mr. Wilson:

Fishbeck, Thompson, Carr & Huber, Inc. (FTCH) is pleased to submit this proposal to perform Professional Engineering Services for the Wyoming Clean Water Plant. We have developed the following proposal based upon our recent meeting and subsequent building walk through.

### **Overall Objective**

Provide the Wyoming Clean Water Plant with information needed to make decisions regarding potential upgrade options to the existing HVAC systems at the Main Administration Building. The general intent of these upgrade options is to improve their performance and reliability and reduce their maintenance and energy use. Systems to be included are the central heating not water boilers and pumps, the chilled water system and pumps, the supply air handling units, and the supply and return air distribution systems.

### **Special Conditions/Assumptions**

The project comes with some unique conditions that impact the required level of effort. We have factored them into our fee development and describe them below.

1. Existing HVAC system design drawings are available for reference.
2. The Laboratory area HVAC systems are not included in this study.
3. Due to the age of the facility and the numerous HVAC system modifications that have been made over the years, we intend to spend time on site confirming the actual condition, physical locations, and performance of the existing HVAC systems.
4. It is understood that the central heating boilers in the building also send heating water to at least four other buildings on site. We are anticipating the need to establish what these building's heating demands are so that if boilers are replaced, the new equipment is "right sized".
5. During the 2014 renovation project, some sheet metal ductwork was installed strategically throughout the Office area with the idea of using it in the future when a more comprehensive HVAC systems upgrade project could be implemented.
6. The study is to include investigation into possible energy utility rebate moneys.
7. We intend to perform an overall building load calculation to ensure that the central system equipment upgrade options are "right sized."

### **General Work Scope**

1. Attend a kick off meeting to review project scope, schedule and approach.
2. Review the facility's existing HVAC systems design drawings.
3. Through discussions with the facilities operations and maintenance staff and other key staff, obtain information about known issues with the HVAC systems.

4. Where required and where insufficient data is currently available, FTCH will lead and advise (with Owner's personnel to support) system component field testing to identify current performance characteristics.
5. Through on-site visual inspection, confirm the physical condition, capacity, location, and other characteristics of the existing HVAC systems.
6. Perform assessment and calculations to develop initial concepts for potential HVAC system upgrade options.
7. Develop preliminary construction cost estimates of initial upgrade concepts.
8. Present the preliminary findings to the Plant staff, and work towards agreement on final upgrade recommendations for the final report.
9. Develop construction cost estimates of the agreed upon recommendations.
10. Compile the report, including schematic type drawings to help explain current conditions and recommendations.
11. Provide a report draft for Plant staff to review prior to finalizing.
12. Finalize the report.

### **Schedule**

We are prepared to begin work within two weeks of Notice to Proceed. We anticipate up to a five-week duration for the study to be completed.

### **Professional Service Fees**

We propose a fee for the work scope above of Nineteen Thousand Dollars (\$19,000), which includes expenses. Work beyond this amount will not be completed without prior authorization. We believe this amount will cover the effort that is anticipated, but we also understand that these initial investigations could lead to further issues that require additional efforts.

### **Authorization**

It is our understanding that this project will be contracted under the terms of our attached Agreement. Invoices will be submitted every four weeks on a percent complete basis.

We look forward to continuing our relationship with the Wyoming Clean Water Plant. If you have any questions or require additional information, please contact me at 616.464.3816 or pmoconnor@ftch.com.

Sincerely,

FISHBECK, THOMPSON, CARR & HUBER, INC.



Patrick M. O'Connor, LEED AP

nh  
By email

AGREEMENT

This Agreement made this 5<sup>th</sup> day of March, 2018 between the City of Wyoming, a municipal corporation of 1155 – 28<sup>th</sup> Street SW, Wyoming, Michigan 49509 (hereinafter "City") and Fishbeck, Thompson, Carr & Huber, a corporation having an office located at 1515 Arboretum Dr S.E. Grand Rapids, Michigan 49546 (hereinafter "Consultant") the terms of which are as follows:

1. The City hereby hires Consultant to provide engineering services for the City in accordance with the proposal dated February 20, 2018, is hereby incorporated by reference.
2. The Agreement shall be for a period of six months commencing upon execution of the Agreement. This Agreement may be extended by mutual agreement of the parties.
3. Payment shall be made in accordance with the proposal and upon billing for work completed, approximately \$19,000 total for the engineering services.
4. The City may terminate the Agreement upon 30 days written notice. Upon termination or completion of this contract and at all times during the term of the contract, all work done by Consultant under this contract shall be the property of the City.
5. Consultant is an independent contractor and the City is hiring Consultant for professional services. All officers, agents and employees of Consultant shall at all times be considered employees of Consultant and not of the City.
6. This Agreement contains the entire Agreement between the parties and may not be modified except in writing by mutual consent.

CITY OF WYOMING

Fishbeck, Thompson, Carr & Huber

By: \_\_\_\_\_  
Jack Poll  
It's Mayor

By: Patrick M. O'Connor  
Patrick M. O'Connor, LEED AP  
It's Vice President

By: \_\_\_\_\_  
Kelli A. VandenBerg  
It's City Clerk

Approved: Jack R. Sluiter  
for Jack R. Sluiter  
City Attorney

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO ACCEPT AN AGREEMENT FOR  
MSDS ONLINE CLOUD BASED SDS SERVICE

WHEREAS:

1. As detailed in the attached staff report, it is recommended that the City Council accept an agreement from MSDSONline for cloud-based safety data sheet maintenance services.
2. MSDSONline has provided the City with an agreement for three years in the total amount of \$14,952.
3. Acceptance of the agreement will require approval of the attached budget amendment.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby accept an agreement from MSDSONline for MSDS online cloud based SDS service in the total amount of \$14,952.
2. The City Council does hereby authorize the City Manager to acknowledge acceptance of future renewals of the agreement in accordance with budget authorization.
3. The City Council does hereby approve the attached budget amendment.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

ATTACHMENTS:  
Budget Amendment  
Staff Reports (2)  
Agreement

\_\_\_\_\_  
Kelli A. Vandenberg, Wyoming City Clerk

Resolution No. \_\_\_\_\_

**CITY OF WYOMING BUDGET AMENDMENT**

**Date: March 19, 2018**

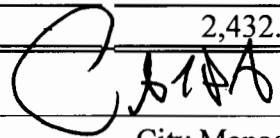
**Budget Amendment No. 055**

To the Wyoming City Council:

A budget amendment is requested for the following reason: To appropriate \$4,864.00 of budgetary authority to fund the MSDS Online safety data sheet maintenance service as per the attached resolution.

<u>Description/Account Code</u>	<u>Current</u>	<u>Increase</u>	<u>Decrease</u>	<u>Amended</u>
<b><u>Allocation Fund</u></b>				
Human Resources/Risk Mgt - Risk Management - Other Services				
110-226-22800-956.000	770.00	4,864.00		5,634.00
Human Resources/Risk Mgt - Risk Management - Transfers to Self Insurance				
110-226-22800-999.677	(148,606.00)	4,864.00		(153,470.00)
Fund Balance/Working Capital (Fund 110)		-	-	
<b><u>Fleet Insurance Fund</u></b>				
General Government - Fleet Insurance Claims - Administrative Fee Admin Alloc Risk Mgmt				
679-000-96300-802.004	44,582.00	1,459.20		46,041.20
Fund Balance/Working Capital (Fund 679)		-	1,459.20	
<b><u>Property Insurance Fund</u></b>				
General Government - Property Ins Claims - Administrative Fee Admin Alloc Risk Mgmt				
680-000-96400-802.004	29,721.00	972.80		30,693.80
Fund Balance/Working Capital (Fund 682)		-	972.80	
<b><u>Workers' Compensation Fund</u></b>				
General Government - W/C Insurance Claims - Administrative Fee Admin Alloc Risk Mgmt				
682-000-96500-802.004	74,303.00	2,432.00		76,735.00
Fund Balance/Working Capital (Fund 682)			2,432.00	

Recommended:   
Senior Accountant

  
City Manager

Motion by Councilmember \_\_\_\_\_, seconded by Councilmember \_\_\_\_\_  
that the General Appropriations Act for Fiscal Year 2017-2018 be amended by adoption of the  
foregoing budget amendment.

Motion carried: Yes \_\_\_\_\_, No \_\_\_\_\_

I hereby certify that at a \_\_\_\_\_ meeting of the Wyoming City Council duly held on  
\_\_\_\_\_ the foregoing budget amendment was approved.

\_\_\_\_\_  
City Clerk

## STAFF REPORT

**DATE:** March 5, 2018  
**SUBJECT:** MSDS Online Cloud Based SDS Service  
**FROM:** Heather Kubiak, Risk Control Supervisor  
**MEETING DATE:** March 19, 2018

---

### RECOMMENDATION:

It is recommended that the City Council authorize payment to MSDSONline-A Velocity EHS Solution for cloud-based Safety Data Sheet maintenance services, in the amount of \$4,864 per year for a 3-year contract period.

### SUSTAINABILITY CRITERIA:

Environmental Quality – Approval of this request does not significantly impact environmental quality.

Social Equity – With this service, we will join many other municipalities and private companies providing employees with compliance required, up-to-date chemical information. This service purchase will allow the City of Wyoming to utilize modern technology to maintain our compliance with employee safety laws.

Economic Strength – Many staff hours are spent maintaining required chemical information for our employee's safety. The majority of our operation is mobile (Police, Fire, Public Works, Utilities) and does not work from an office cubicle. This investment will ensure compliance and provide an "on-site" resource for chemical information.

### DISCUSSION:

The City of Wyoming is required by federal and state law to provide chemical information access to employees. Currently, we have employees in each building maintaining paper copies of Safety Data Sheets (SDS). With over 1500 chemicals city-wide this task is daunting. In 2015 U.S. based chemical manufacturers were required to meet a world-wide standard for all SDS. This change over to the **Globally Harmonized System** of classification and labeling of chemicals made it almost impossible to maintain paper systems. The following public entities currently use this service:

- City of Holland
- City of Livonia
- City of Rockford
- City of Marquette
- City of Lansing
- City of Flat Rock
- City of Dearborn Heights
- City of Southgate
- City of Battle Creek
- FCI Milan
- Kent County Health Department
- Detroit Job Corps Center
- Waterford Department of Public Works
- U.S. Fish and Wildlife Service

Additionally, federal and state employee safety laws require the ability to provide chemical safety information “on-site” to mobile operations.

**BUDGET IMPACT:**

A budget amendment to cover funding (\$4,864.00) for the cloud based service and licenses will have to be approved. This will become a line item under “Other Services” account #110-226-22800-956000.

## STAFF REPORT

**DATE:** March 13, 2018  
**SUBJECT:** City of Wyoming – Inspections – Online Construction Permit Software  
**FROM:** Pat Firestone, Director of Information Technology  
**MEETING DATE:** March 19, 2018

---

### RECOMMENDATION:

The Information Technology department supports the recommendation that City Council authorize payment to MSDSONline-A Velocity EHS Solution for cloud-based Safety Data Sheet maintenance services, in the amount of \$4,864 per year for a 3-year contract period.

### SUSTAINABILITY CRITERIA:

Environmental Quality – Approval of this request does not significantly impact environmental quality.

Social Equity – With this service, we will join many other municipalities and private companies providing employees with compliance required, up-to-date chemical information. This service purchase will allow the City of Wyoming to utilize modern technology to maintain our compliance with employee safety laws.

Economic Strength – Many staff hours are spent maintaining required chemical information for our employee's safety. The majority of our operation is mobile (Police, Fire, Public Works, Utilities) and does not work from an office cubicle. This investment will ensure compliance and provide an "on-site" resource for chemical information.

### DISCUSSION:

Information Technology staff have met with Heather Kubiak to discuss and review the proposal by MSDSONline. The proposed solution is fully-compatible with our current City of Wyoming computing environment, allowing implementation with no technology upgrades required. This product appears to be an excellent solution for the City of Wyoming.

### BUDGET IMPACT:

Funding for this vendor selection is addressed in the staff report submitted by Heather Kubiak, Risk Control Supervisor.

End of Report.

## Customer Order Form

222 Merchandise Mart Plaza, Suite 1750  
Chicago, IL 60654  
Ph: 312.881.2000  
Fax: 866.320.1021  
Tax ID #: 04-3626476

Contract Number: 079720  
Contract Date: 3/1/2018  
Sales Rep: Matt Galounis  
Offer Valid Through: 3/30/2018

### Customer Information

Bill to:  
Customer: City of Wyoming  
Attn: Heather Kubiak  
Address: 1155 28th St SW  
Wyoming, MI 49509

Ship to:  
Customer: City of Wyoming  
Attn: Heather Kubiak  
Address: 1155 28th St SW  
Wyoming, MI 49509

### Terms and Conditions

Related Contract: Not Applicable  
Contract Start Date: Fourteen (14) calendar days after execution  
Contract End Date: Determined upon execution  
Term: 3 Years  
Coverage: 1 Location(s)

PO Number:  
Payment Terms: Net 30  
Billing Frequency: Annually  
Initial Invoice Due: 30 Days from Execution

MSDS Management	Qty	Year 1	Year 2	Year 3
HQ Account	1	\$4,864.00	\$4,864.00	\$4,864.00
Management Licenses - HQ	2	\$0.00	\$0.00	\$0.00

Services	Qty	Year 1	Year 2	Year 3
Implementation Services	1	\$0.00		
Fax Back Service - Domestic	25	Included	Included	Included
eBinder Valet	1700	Included		
<b>Total:</b>		<b>\$4,864.00</b>	<b>\$4,864.00</b>	<b>\$4,864.00</b>

This Customer Order is governed by the terms and conditions of the MSDSonline Master Subscription Agreement, as posted on www.MSDSonline.com. By signing below, Customer agrees to be bound by such terms and conditions. MSDSonline may deem this Customer Order null and void if executed agreement is not received by MSDSonline by the "Offer Valid Through" date listed above, or if the document is returned with handwritten changes.

#### City of Wyoming

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

#### MSDSonline

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO ACCEPT A QUOTE FOR THE PURCHASE OF  
CISCO NETWORK SWITCHES

WHEREAS:

1. As detailed in the attached Staff Report, it is recommended the City Council accept a quote from Southern Computer Warehouse for Cisco network switches for in the total estimated amount of \$21,345.30.
2. Funds are available for the purchase in various departmental accounts which will be charged to the appropriate account at the time of purchase.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby authorize the purchase of Cisco network switches from Southern Computer Warehouse in the total amount of \$21,345.30.
2. The Wyoming City Council does hereby waive the provisions of Sections 2-252, 2-253, 2-254 and 2-256 of the City Code regarding publication and posting of bid notices, notification of bidders and the bid opening procedure.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

ATTACHMENTS:  
Staff Report  
Tabulation Sheet

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

Resolution No. \_\_\_\_\_

## STAFF REPORT

**DATE:** March 6, 2018  
**SUBJECT:** Network Switches for Public Safety and Water Treatment Plant  
**FROM:** Pat Firestone, Director of Information Technology  
**MEETING DATE:** March 19, 2018

---

### RECOMMENDATION:

It is recommended that the City Council waive the requirement to bid, and authorize the purchase of Cisco network switches from Southern Computer Warehouse, at a total cost of \$21,345.30. These devices will serve as scheduled replacements for existing hardware utilized by the Departments of Public Safety and Utilities for over five years. Current devices are beginning to fail and require replacement to avoid outages.

### SUSTAINABILITY CRITERIA:

Environmental Quality – Approval of this bid does not significantly impact environmental quality.

Social Equity – Information Technology staff continues efforts toward expanding and upgrading equipment as needed, which is consistent with our goal of maintaining our IT infrastructure to support technology solutions, facilitate interoperability and connectivity, and support technologies and computing assets that increase service to our employees and/or citizens.

Economic Strength – As with any technology, this equipment will age, become unreliable, and require updating, especially in the harsh conditions of Water Treatment Plant. Information Technology staff are encouraged to implement a strategy of proactive updating of computing assets to minimize and prevent outages of the information networks to City employees and citizens that we serve. Staff was able to secure pricing from several vendors lower than State Contract pricing.

### DISCUSSION:

Pricing was obtained from the State of Michigan REMC Contract published January 24, 2018. Quotes were also requested from other vendors that have traditionally been very competitive. Three vendors provided quotes lower than pricing available under the State REMC Contract. A summary of pricing received follows:

Manufacturer's list pricing	\$ 45,264.00
MI-REMC State Contract	29,421.60
SHI International Corporation.	25,811.65
Secant Corporation	22,294.36
Southern Computer Warehouse (SCW)	21,345.30

There is no 'industry standard' regarding a replacement schedule for network infrastructure equipment. For network infrastructure hardware, the Information Technology Department has adopted a 6 to 8 year replacement cycle, longer for less critical items. The primary reasons for these replacements are declining reliability, and the risk to public health and safety due to failure.

**BUDGET IMPACT:**

Adequate funding was planned in the FY2018 budgets of the General, and Water Utility funds:

General Fund/IT: 101-258-25800-740.200, \$6,114.74

Utilities/WTP: 591-591-55300-740.000, \$15,230.56

	<u>List Price</u>	<u>REMC Price</u>	<u>SCW</u>	<u>GovConnection</u>	<u>Sehi</u>	<u>SHI</u>	<u>Secant</u>	<u>PCMG</u>
Catalyst 2960-X 48 GigE PoE 740W, 4 x 1G SFP, LAN Base	\$ 6,595.00	\$ 4,286.75	\$ 3,088.41	\$ 4,034.46	\$ 3,407.00	\$ 3,185.38	\$ 3,225.82	\$ -
Catalyst 2960-X FlexStack Plus Stacking Module optional	\$ 2,390.00	\$ 1,553.50	\$ 1,172.24	\$ 1,458.40	\$ 1,547.64	\$ 1,204.56	\$ 1,169.02	\$ -
Cisco Bladeswitch 3M stack cable REMANUFACTURED	\$ 360.00	\$ 234.00	\$ 357.88	\$ 246.66	\$ 395.94	\$ 365.40	\$ 293.48	\$ -
Catalyst 2960-X 24 GigE PoE 370W, 4 x 1G SFP, LAN Base	\$ 3,195.00	\$ 2,076.75	\$ 1,496.21	\$ 1,959.75	\$ 2,032.87	\$ 1,543.19	\$ 1,562.12	\$ -
<b>Sub Total (IT)</b>	<b>\$ 12,540.00</b>	<b>\$ 8,151.00</b>	<b>\$ 6,114.74</b>	<b>\$ 7,699.27</b>	<b>\$ 7,383.45</b>	<b>\$ 6,298.53</b>	<b>\$ 6,250.44</b>	<b>\$ -</b>
Catalyst 2960-X 24 GigE PoE 370W, 4 x 1G SFP, LAN Base	\$ 25,560.00	\$ 16,614.00	\$ 11,969.68	\$ 15,678.00	\$ 16,262.96	\$ 12,345.52	\$ 12,496.96	\$ -
Cisco Optical Gigabit Ethernet SFP	\$ 7,164.00	\$ 4,656.60	\$ 3,260.88	\$ -	\$ 4,718.04	\$ 7,167.60	\$ 3,546.96	\$ -
<b>Sub Total (WTP)</b>	<b>\$ 32,724.00</b>	<b>\$ 21,270.60</b>	<b>\$ 15,230.56</b>	<b>\$ 15,678.00</b>	<b>\$ 20,981.00</b>	<b>\$ 19,513.12</b>	<b>\$ 16,043.92</b>	<b>\$ -</b>
<b>Grand Total</b>	<b>\$ 45,264.00</b>	<b>\$ 29,421.60</b>	<b>\$ 21,345.30</b>	<b>\$ 23,377.27</b>	<b>\$ 28,364.45</b>	<b>\$ 25,811.65</b>	<b>\$ 22,294.36</b>	<b>\$ -</b>
Discount from List		35%	53%	48%	37%	43%	51%	100%

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO AUTHORIZE THE PURCHASE OF  
CISCO MERAKI NETWORK INFRASTRUCTURE EQUIPMENT

WHEREAS:

1. As detailed in the attached Staff Report, it is recommended the City Council authorize the purchase of Cisco Meraki network infrastructure equipment from Secant using the Kent County Reverse Auction system in the total amount of \$54,800.
2. Funds are available in the General Fund, Information Technology, Capital Outlay-Computer Equipment account number 101-258-25800-984017.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby authorize the purchase of Cisco Meraki network infrastructure equipment from Secant in the total amount of \$54,800.
2. The Wyoming City Council does hereby waive the provisions of Sections 2-252, 2-253, 2-254 and 2-256 of the City Code regarding publication and posting of bid notices, notification of bidders and the bid opening procedure.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried	Yes
	No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

ATTACHMENTS:  
Staff Report  
Quotation

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

Resolution No. \_\_\_\_\_

## STAFF REPORT

Date: February 27, 2018  
Subject: Recommend to Purchase Cisco Meraki Network Infrastructure Equipment  
From: Pat Firestone, Director of Information Technology  
Meeting Date: March 19, 2018

---

### RECOMMENDATION:

It is recommended that the City Council authorize the purchase and installation of Meraki network equipment, in the amount of \$54,800 from Secant.

### SUSTAINABILITY CRITERIA:

Environmental Quality – Does not significantly impact this criterion.

Social Equity – Does not significantly impact this criterion.

Economic Strength – By maintaining a program of scheduled routine replacements to information technology assets and improving its cyber security posture, the City reduces the risk of loss due to hardware failure, or reduced protection of information resources.

### DISCUSSION:

The Information Technology Department utilized Kent County's Reverse Auction process to satisfy the requirements of charter section 12.1- purchase and sale of property. This practice has been used in previous years as allowed by charter section 2-257 - cooperative purchasing plans.

The maximum bid price was determined by staff research of lowest publicized pricing, and set at \$70,000. 44 bids were received from six (6) different bidders. The low bid of \$54,800 was received from Secant.

This purchase is an annual process and will replace existing devices that have fulfilled or exceeded their planned service life. The Meraki platform simplifies configuration tasks and provides visibility of devices connected to the network. Management tools included with the Meraki cloud platform will allow Information Technology staff to identify and isolate unauthorized wired or wireless devices connecting to the network. As the number and variety of devices continues to rise, this suite offers the tools necessary to effectively and efficiently manage the network.

Whereas traditional networking hardware was purchased with an extended support contract, the Meraki platform requires a variety of license subscriptions to the management portal. Pricing obtained includes five (5) year enterprise licenses that include Meraki's 24X7 enterprise support, software updates, and cloud-management via Meraki's dashboard.

**BUDGET IMPACT:**

Adequate funding was planned in the fiscal 2018 budget, in account 101-258-25800-984.017, General Fund, Information Technology, Capital Outlay – Computer Equipment.



6395 Technology Ave, Suite A  
 Kalamazoo MI 49009  
 269-375-8996 or 1-800-875-4222

# QUOTATION

Quote Number | PS- 2796  
 Salesperson | Merucci B  
 Date | 02/22/18  
 Quote Tax Status | MI-NON Non Tax  
 Terms | NET 15  
 Page | 01 of 01

*Prepared For:* CITY3647

**City of Wyoming**  
 PO Box 905  
 1155 28th Street  
 Wyoming MI 49509

*Thank you for the opportunity!*

TAXABLE CLIENTS: Compliance with Michigan Compiled Law 205.51 requires that tax be charged on the portion of labor expended for physical installation of equipment shown as included within a project. That amount will be represented as a separate labor line.

*This Quote is valid for 30 days.*

Part Number	Description	QTY	UOM	Price	EXT. Price
MS350-24P-HW	Meraki MS350-24P L3 Stck Cld-Mngd 24x GigE 370W PoE Switch	5.00	Each	\$3,292.05	<b>\$16,460.25</b>
LIC-MS350-24P-5YR	Meraki MS350-24P Enterprise License and Support, 5YR	5.00	Each	\$581.40	<b>\$2,907.00</b>
MS225-48FP-HW	Meraki L2 Stck Cld-Mngd 48x GigE 740W PoE Switch	5.00	Each	\$3,962.70	<b>\$19,813.50</b>
LIC-MS225-48FP-5YR	Meraki MS225-48FP Enterprise License 5-YR	5.00	Each	\$673.20	<b>\$3,366.00</b>
MS225-24P-HW	Meraki L2 Stck Cld-Mngd 24x GigE 370W PoE Switch	1.00	Each	\$2,432.50	<b>\$2,432.50</b>
LIC-MS225-24P-5YR	CISCO MERAKI MS225-24P ENTERPRISE 5-YEAR	1.00	Each	\$420.75	<b>\$420.75</b>
MA-SFP-10GB-SR	Meraki 10G Base SR Multi-Mode	4.00	Each	\$497.50	<b>\$1,990.00</b>
MA-SFP-10GB-LR	Meraki 10G Base LR Single-Mode - For Data Networking, Optical Network	2.00	Each	\$2,004.00	<b>\$4,008.00</b>
MA-CBL-40G-1M	Meraki MS series 1M stacking cable	1.00	Each	\$100.00	<b>\$100.00</b>
MA-CBL-40G-3M	Meraki MS series 3M stacking cable	1.00	Each	\$150.00	<b>\$150.00</b>
MA-CBL-40G-50CM	Meraki MS series 0.5M stacking cable	4.00	Each	\$50.00	<b>\$200.00</b>
KIT Labor	Project Labor Kit	1.00	Each	\$2,952.00	<b>\$2,952.00</b>

Labor, where estimated, will be invoiced +/-10% before change orders.

DEPOSITS: A 50% deposit is required on all transactions over \$2500. To place your project into our scheduling queue and/or authorize the ordering of equipment, pre-payment is required for clients with out a Secant Terms and Conditions on file.

Subtotal : **\$54,800.00**  
 Tax : **\$0.00**  
 Quoted Total : **\$54,800.00**

CREDIT CARD: A handling fee of 3.5% will be applied to payments totaling more than \$2500.00. (Invoices may not be broken up)

Quote accepted by: \_\_\_\_\_ Date: \_\_\_\_\_ Fax to: 269-375-4222

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO RENEW SOFTWARE/HARDWARE  
MAINTENANCE AGREEMENTS

WHEREAS:

1. As detailed in the attached Staff Report, maintenance and support agreements are necessary for software applications and computer systems.
2. It is recommended the City Council authorize renewal of the maintenance agreements as detailed in the attached Staff Report.
3. Funds are available in various departmental accounts and will be charged to the appropriate account at the time of renewal.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby authorize renewal of software/hardware maintenance agreements.
2. The City Council authorizes the City Manager to acknowledge acceptance of future renewals in accordance with budget authorization.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried        Yes

                              No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

ATTACHMENTS:  
Staff Report

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

Resolution No. \_\_\_\_\_

## STAFF REPORT

Date: March 13, 2018  
Subject: City of Wyoming / Annual Maintenance Agreements  
From: Pat Firestone, Director of Information Technology  
Meeting Date: March 19, 2018

---

### RECOMMENDATION:

It is recommended that a previous resolution 23314 (2009) authorizing renewing of annual maintenance agreements be updated with a new resolution, because of modifications to the list of products and vendors.

### SUSTAINABILITY CRITERIA:

Environmental Quality – Many of these software products propose paperless environments and mobile solutions, reducing hardware requirements, energy consumption and the use of natural resources.

Social Equity – Does not significantly impact this criterion.

Economic Strength – By maintaining an effective maintenance agreement program, software and hardware platforms are protected against major obsolescence and service outages, offering a more-robust customer service experience.

### DISCUSSION:

The City of Wyoming has adopted specific resolutions authorizing the purchase of various software and hardware platforms. Along with the initial purchase, most of these products require annual maintenance fees for updates, upgrades, technical support and operating efficiencies. Maintenance agreements are examined as they become due, for any cost increases or reductions because of a product retirement and/or no longer in service.

The following is a list of expected maintenance contracts in the 2018 and future budget years, with software charged to Information Technology/Software Services #101-258-25800-806.000 and Information Technology/Repairs and Maintenance #101-258-25800-930.000, except for certain enterprise software platforms, such as BS&A, SAP/Crystal Reports, and VEEAM/VMware, which are split among various funds. It should also be noted that vendor names in the technology field change often, due to selling of product lines and acquisitions, thus renewal requests are based on the product, not a specific vendor. Also, if a vendor offers their maintenance agreements through multiple channels, options are evaluated for the best value for the City of Wyoming.

Software & Hardware

BS&A Software (various departments/budgets) - budgeted 2019: \$44,550

Caliber/Core Technologies (Public Safety Records/Mobile) - budgeted 2019: \$29,400

ITS-Altiris (IT Asset Management) - budgeted 2019: \$10,000

Meraki MDM?

MorphoTrust (Public Safety LiveScan Hardware and Software) - - budgeted 2019: \$6,500

Onbase/Kofax (Document Imaging) - budgeted 2019: \$35,000

SAP (Crystal Reports/IT & Utilities budgets) - budgeted 2019: \$6,300

Secant Technologies (Anti-Virus Software) - budgeted 2019: \$5,000

Secant Technologies (VEEAM & VMware/IT & Utilities Budgets) - budgeted 2019: \$6,650

State of Michigan (AFIS-Fingerprint Hardware and Software) - budgeted 2019: \$8,500

Tyler Technologies (previously "New World") - budgeted 2019: \$88,000

DLT (Server Utility Software/IT & Utilities budgets) - budgeted 2019: \$6,300

**BUDGET IMPACT:**

As outlined in the discussion, these maintenance agreements impact the following accounts:

Information Technology/Software Services #101-258-25800-806.000

Information Technology/Repairs and Maintenance #101-258-25800-930.000

Various utilities software and maintenance accounts

Various Community Services (Inspections) funds for a portion of BS&A

RESOLUTION NO. \_\_\_\_\_

RESOLUTION TO AUTHORIZE THE PURCHASE OF  
FIVE WATCHGUARD FIREWALLS

WHEREAS:

1. As detailed in the attached Staff Report, it is recommended the City Council authorize the purchase of five WatchGuard firewalls from Trivalent Group using the Kent County Reverse Auction system in the total amount of \$33,954.
2. Funds are available in various departmental accounts and will be charged to the appropriate account at the time of purchase.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby authorize the purchase of five WatchGuard firewalls from Trivalent Group in the total amount of \$33,954.
2. The City Council does hereby waive the provisions of Sections 2-252, 2-253, 2-254 and 2-256 of the City Code regarding publication and posting of bid notices, notification of bidders and the bid opening procedure.

Moved by Councilmember:

Seconded by Councilmember:

Motion Carried	Yes
	No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

ATTACHMENTS:

Staff Report  
Quotation

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

Resolution No. \_\_\_\_\_

## STAFF REPORT

Date: February 27, 2018  
Subject: Recommendation to Purchase Watchguard Firewalls  
From: Pat Firestone, Director of Information Technology  
Meeting Date: March 19, 2018

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### RECOMMENDATION:

It is recommended that the City Council authorize the purchase of five (5) Watchguard model M570 firewalls, in the amount of \$33,954 from Trivalent Group.

### SUSTAINABILITY CRITERIA:

Environmental Quality – Does not significantly impact this criterion.

Social Equity – Does not significantly impact this criterion.

Economic Strength – By maintaining a program of routine upgrades to cyber security defenses, the City reduces the risk of loss due to breach, loss of control, or reduced protection of information resources.

### DISCUSSION:

The Information Technology Department utilized Kent County's Reverse Auction process to satisfy the requirements of charter section 12.1- purchase and sale of property. This practice has been used in previous years as allowed by charter section 2-257 - cooperative purchasing plans.

The maximum bid price was determined by staff research of lowest publicized pricing, and set at \$40,000. Four (4) bids were received from four (4) different bidders. The low bid of \$33,954 was received from Trivalent Group, Inc.

This purchase is part of an annual analysis of computer and infrastructure equipment, and will replace existing devices that have fulfilled or exceeded their planned service life.

### BUDGET IMPACT:

Adequate funding was planned in the FY2018 budgets of the General, Water Utility, and Sewer Utility funds:

General Fund/IT: 101-258-25800-740.200 = \$22,344  
Utilities/CWP: 590-590-54300-740.000 = \$3,702  
Utilities/WTP: 591-591-55300-740.000 = \$7,908



**Corporate Headquarters**

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Grandville, MI 49418  
616-222-9200 Tel  
616-222-9300 Fax

**Mid Michigan**

3900 Centennial Dr.  
Suite B  
Midland, MI 48642  
989-486-8198 Tel

**Southern Michigan**

49 S Cass St Ste 3A  
Battle Creek, MI 49037  
269-979-4316 Tel  
269-979-2714 Fax

**Capital Area**

321 Woodland Pass #200  
East Lansing, MI 48823  
517-333-6540 Tel  
517-333-3582 Fax

Your Data. Stored. Accessible. Protected.

[www.trivalentgroup.com](http://www.trivalentgroup.com)

**QUOTE**

Quote Re WatchGuard Bid Quote

Quote To:

City of Wyoming  
Paul Gerndt  
1155 28th St Sw

Wyoming MI 49509  
Tel # (616) 530-7228  
Fax #

Ship To:

City of Wyoming  
Paul Gerndt  
1155 28th St Sw

Wyoming MI 49509  
Tel # (616) 530-7228  
Fax #

Quote # TGIQ65273  
Date 02/22/18  
Account Mgr Heather Atwell  
Support Becky Peuler  
email hatwell@trivalentgroup.com  
Acct Mgr Ph 616-301-6358

Qty	Description	Unit Price	Ext. Price
2	Trade up to WatchGuard Firebox M570 with 3-yr Total Security Suite	\$11,172.00	\$22,344.00
2	Trade up to WatchGuard Firebox M570 with 1-yr Basic Security Suite	\$3,702.00	\$7,404.00
1	WatchGuard Firebox M570 with 1-yr Basic Security Suite	\$4,206.00	\$4,206.00
	SubTotal		\$33,954.00
	<b>Total</b>		<b>\$33,954.00</b>

Prices do not include shipping charges and applicable taxes. Also does not include necessary labor or install charges unless noted. For payment terms, refer to the Master Services Agreement, and, if one has not yet been executed, the Terms and Conditions of this Quote.

All prices do not include shipping charges and applicable taxes. Payment terms are governed by the Master Services Agreement or if one has not yet been executed, the Terms and Conditions of this Quote. This Quote constitutes an offer which may be accepted on the terms and conditions stated herein and are subject to any specifications, drawings, or additional terms by reference thereto or pursuant to any attached document. In order to be effective this quote must be signed and returned within fifteen (15) business days. Any inconsistent terms or conditions contained in any form other than this Quote shall be of no force or effect. Any reasonable form of expression of acceptance by Buyer shall constitute acceptance exclusively of the terms and conditions stated in this Quote. Any monthly payment information provided is a proposal and is subject to credit approval. The proposal may provide an approximate monthly payment for hardware, software and services based upon the contract type and term in months. Taxes, fees and insurance are not included. Any change in the amount financed will change this information. Pricing valid 90 days from day quote is initiated.

To the extent the service items or changes contained in this quote may modify any existing contract "Schedule" provision and/or provided services between Trivalent Group and "Client Company" the same are hereby agreed to be modified by the signing of this quote. In all other regards the original terms and conditions of all "Schedule" contracts remain in full force and effect until the expiration date(s) of their current term(s). Nothing contained in this quote\sales order shall be deemed to have modified any terms of either the Master Service Agreement or any Addendum.

To place your order, please authorize and date below, include a Purchase Order Number, and send this completed form to Trivalent.

Signature \_\_\_\_\_  
Title \_\_\_\_\_  
E-mail \_\_\_\_\_

P.O. # \_\_\_\_\_  
Date \_\_\_\_\_  
Fax # \_\_\_\_\_

## TERMS AND CONDITIONS

**ACCEPTANCE:** Buyer's acceptance of these terms and conditions shall be evidenced by and effective as of the occurrence of any of the following: (a) Buyer's making an offer to purchase goods and/or services from Trivalent; (b) Buyer's authorization of this Quote; (c) Buyer's acceptance of any shipment of any part of the items specified for delivery; or (d) any other act of acceptance by the Buyer. Trivalent's acceptance is expressly limited to the terms and conditions set forth in this Quote and the Master Services Agreement (and any addenda and schedules attached thereto) in their entirety without any addition, modification, or proposal hereafter submitted by Buyer which is inconsistent therewith.

**LABOR ESTIMATES:** Labor estimates on this Quote do not constitute a Statement of Work. Only Statements of Work set forth Trivalent's specific labor commitments.

**TERMS OF AGREEMENT:** All prices are subject to shipping and handling fees, applicable taxes, and fees. Prices only remain valid for fifteen (15) days following the date of this Quote. Buyer shall pay Trivalent in full the amount of each invoice within fifteen (15) calendar days of the invoice date. Buyer shall pay to Trivalent a finance charge of one percent (1.0%) per month, subject to a twenty dollar (\$20) minimum handling charge, on balances for which payment has not been received within thirty (30) days of the invoice date, excluding balances for which Buyer has submitted a written notice. Buyer is liable to Trivalent for all reasonable fees and expenses, including reasonable attorney's fees and litigation costs which Trivalent may incur to collect charges rightfully owed by Buyer to Trivalent.

**PRICING:** Prices displayed on this Quote shall be the amount payable for the specified goods and/or services. No price reductions will be accepted and no offset will be allowed for any reason unless and only to the extent specified herein. Trivalent's prices set forth in this Quote do not include Government mandated or similar taxes, fees, and charges. Exemption certificates must be presented prior to shipment if they are to be honored. To the extent any sales are made without prior receipt of a valid exemption certificate, Trivalent expressly reserves the right to separately invoice Buyer for all applicable taxes, fees, and charges, and these amounts shall be immediately due and payable.

**SHIPPING CHARGES:** Buyer shall assume all responsibility for shipping charges incurred on its behalf for this sale. This includes all charges incurred to ship products back to Trivalent or the manufacturer after manufacturer warranties have expired.

**NO WARRANTIES:** ALL GOODS SUPPLIED AND/OR WORK PERFORMED PURSUANT HERETO ARE PROVIDED "AS IS" AND WITHOUT ANY WARRANTY OR CONDITION, EXPRESS OR IMPLIED, EXCEPT FOR THE IMPLIED WARRANTY OF TITLE AND ANY APPLICABLE MANUFACTURER WARRANTIES. TRIVALENT SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

**LIMITATION OF LIABILITY:** Buyer's sole and exclusive remedy from Trivalent shall be the repair or replacement of a defective performance. In no event shall Trivalent be liable for any type of special, incidental, exemplary, punitive, indirect, or consequential damages arising out of or in connection with this Quote, including, without limitation, lost revenue, lost profits, replacement goods, loss of technology, rights, or services, loss of data, and interruption or loss of use of service or equipment, even if Buyer was advised of the possibility of such damages and however they arise whether under theory of contract, tort, strict liability, or otherwise.

**INDEMNIFICATION:** Trivalent and Buyer shall indemnify and defend each other against any claim or action brought by any third party for actual or alleged infringement of any patent, copyright, or trade secret based upon (a) in the case of Trivalent indemnifying Buyer, Buyer's right to use the Software or Third Party Materials in accordance with the Master Services Agreement (or applicable addenda or schedules); and (b) in the case of Buyer indemnifying Trivalent, Buyer's use of the Services, Software, or Third Party Materials in violation thereof. The indemnifying party shall pay any damages and costs, including reasonable attorney's fees finally awarded, paid in settlement, or incurred in the defense of such claim or action by the indemnified Party. The indemnifying party shall have the sole right to conduct the defense of any claim or action and all negotiations for its settlement unless the parties agree otherwise in writing.

**ASSIGNMENT:** Buyer shall not assign or delegate any rights or obligations under this Quote without Trivalent's prior written consent.

**CANCELLATION OR MODIFICATION:** In the event Buyer either (a) fails to make any payment within the time specified; or (b) becomes insolvent or the subject of proceedings under any law relating to bankruptcy or relief of debtors, Trivalent may cancel the whole or any part of this Quote and cease to perform its obligations hereunder without prejudice to any other rights it may have against Buyer and without liability on its part for such cancellation.

**WAIVER:** No waiver by Trivalent or Buyer of any right or remedy under this Quote shall constitute a waiver of any other right or remedy. No delay or failure on the part of Trivalent or Buyer in exercising any right or remedy under this Quote and no partial or single exercise thereof shall constitute a waiver of such right or remedy.

**GOVERNING LAW:** The transaction reflected by this Quote shall be governed by and interpreted and construed in accordance with the laws of the State of Michigan.

**PRODUCT RETURNS:** Product recommended and specified by Trivalent via a Statement of Work that is found to be defective within fifteen (15) days of delivery shall be repaired or replaced. Thereafter, delivery manufacturer's warranties and maintenance agreements shall apply. A twenty-five percent (25%) or greater restocking fee and other rules may apply. Buyer shall consult with its Trivalent Account Manager to confirm that product can be returned to the manufacturer or distributor, time frames for return, and restocking fees. In some cases, product may not be returnable for refund, credit, or replacement.

Product recommended and specified by Trivalent via a Statement of Work that is deemed to be inappropriate or unusable can be returned for full refund within fifteen (15) days of delivery. Buyer shall make every effort to confirm the fitness and suitability of a product before placing an order. Product ordered but not specified or recommended by Trivalent is subject to manufacturer's and distributor's rules for return. Opened software and maintenance packets which have not been specified or recommended by

**In the event of a conflict between the terms and conditions of this Quote and the terms and conditions of the Master Services Agreement or any addendum or schedule in effect between the parties, the terms and conditions of the Master Services Agreement, the addendum(s), and/or the schedule(s) shall control.**

RESOLUTION NO. \_\_\_\_\_

RESOLUTION FOR AWARD OF BIDS

WHEREAS:

1. Formal bids have been obtained on the below listed items.
2. The bids received have been reviewed and evaluated as per the attached Staff Report.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council does hereby award the bids for the listed items as recommended in the attached Staff Report and summarized below.

Item	Recommended Bidder	Cost
Brass Water Service and Meter Installation Materials and Meter Mountings	ETNA Supply Company	Bid prices as shown on the attached Staff Report
Hach DR6000 Spectrophotometer	Agothos Laboratories, Inc.	\$9,952.46
Flow Injection Atomic Absorption Mercury Analyzer	Perkin Elmer, Inc.	\$21,436.23
Shredded Bark	Brinkwood Products, Inc. and Superior Ground Cover Inc.	Bid prices as shown on the attached Staff Report

Moved by Councilmember:  
Seconded by Councilmember:  
Motion Carried        Yes  
                                  No

I hereby certify that the foregoing Resolution was adopted by the City Council for the City of Wyoming, Michigan at a regular session held on March 19, 2018.

ATTACHMENTS:  
Staff Reports

\_\_\_\_\_  
Kelli A. VandenBerg, Wyoming City Clerk

Resolution No. \_\_\_\_\_

## STAFF REPORT

DATE: March 6, 2018

SUBJECT: Bid Award - Brass Water Service and Meter Installation Materials and Meter Mountings

FROM: Shimo Svabic, Public Works Supervisor

Date of Meeting: March 19, 2018

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### RECOMMENDATION:

It is recommended that the City Council award the bid for brass water service and meter installation materials and meter mountings to the low bidder, ETNA Supply Company, for the prices as shown on the attached bid tabulation.

### SUSTAINABILITY CRITERIA:

#### Environmental Quality

The Public Works Department is actively involved in the protection of Michigan's natural resources and the public's health and welfare. The City's use of brass water service and meter installation materials made from no-lead brass will reduce the exposure of lead to the public, providing safe living and working conditions for our residents and protect the environment from lead contamination.

#### Social Equity

Utility repairs are provided throughout the City without regard to income level or socio-economic status. All of the City's residents enjoy equal access to the benefits of the Public Works Department's utility repairs.

#### Economic Strength

The use of brass water service and meter installation materials allows the Public Works Department to provide quality utility repairs, properly maintaining the City's infrastructure which sustains property values.

### QUALITY SERVICE IMPACT:

This bid award will provide Public Works staff with the appropriate materials to maintain water infrastructure, so that they can continue to provide the high level of service our community has come to expect.

**DISCUSSION:**

On Tuesday, February 27, 2018, the City received two bids for brass water service and meter installation materials and meter mountings. Forty-four invitations to bid were sent to prospective bidders. ETNA Supply Company was the low bidder that bid on all items needed.

The Public Works Department utilizes brass water service and meter installation materials to repair and replace broken water services and water meters throughout the City of Wyoming. Federal regulations require that all of the brass fittings be free of lead. Bids are received each year in order to acquire quality brass water service and meter installation materials.

The City is anticipating that it will spend approximately \$20,000 for brass water service materials and approximately \$10,000 on meter installation materials on an annual basis. The low bid is an increase of about 3.5% from last year’s bid price, which also was an increase of 8% from the 2016 bid.

**BUDGET IMPACT:**

Sufficient funds are available in the water service maintenance and water meter maintenance accounts: 591-441-56700-775.000 and 591-591-56500-775.000.

**BID TABULATION:**

		ETNA SUPPLY COMPANY		CORE AND MAIN	
		Price Per Unit	Total Bid Price for Estimated Quantity	Price Per Unit	Total Bid Price for Estimated Quantity
100	1" corporation stop	\$37.55	\$3,755.00	\$37.17	\$3,717.00
200	1" curb stop	\$80.20	\$16,040.00	\$79.39	\$15,878.00
500	5/8" x 3/4" x 3/4" coupling	\$7.40	\$3,700.00	\$7.32	\$3,660.00
250	1" compression coupling	\$15.85	\$3,962.50	\$15.69	\$3,922.50
10	1 1/2" corporation stop	\$108.25	\$1,082.50	\$107.15	\$1,071.50
20	1 1/2" compression coupling	\$43.90	\$878.00	\$43.48	\$869.60
25	1 1/2" curb stop, 1 1/2" x 1 1/2" compression coupling	\$186.15	\$4,653.75	\$184.23	\$4,605.75
10	2" corporation stop	\$179.05	\$1,790.50	\$177.22	\$1,772.20
20	2" curb stop, 2" x 2" compression coupling	\$259.55	\$5,191.00	\$256.91	\$5,138.20
20	2" compression coupling	\$71.65	\$1,433.00	\$70.91	\$1,418.20
300	Curb box, 5'6" depth	\$30.50	\$9,150.00	\$31.91	\$9,573.00
200	Curb box lid w/plug	\$10.50	\$2,100.00	\$10.66	\$2,132.00
150	Copper meter insetters, 5/8" x 3/4", "M" Style Insetter, 43-2-NNMD 43x403 NO LEAD	No Bid		\$79.08	\$11,862.00
50	3/4" FIP Union for copperhorn setter	\$3.80	\$190.00	\$4.09	\$204.50
300	1" MIP union for copperhorn setter	\$6.10	\$1,830.00	\$6.57	\$1,971.00
50	1" Full port straight curb valve, ball style 300 PSI w/lock wing mac-pak compression x 1" FIP	\$69.40	\$3,470.00	\$68.67	\$3,433.50
150	3/4" MIP union for copperhorn insetter	\$3.80	\$570.00	\$4.09	\$613.50
300	3/4" union nuts for copper meter insetters	\$3.05	\$915.00	\$3.21	\$963.00
100	1" x 3/4" Brass Bushings	\$2.05	\$205.00	\$2.45	\$245.00
50	3/4" x 2 1/2" meter couplings, 3/4 ribbed tail piece	\$7.35	\$367.50	\$7.32	\$366.00

		ETNA SUPPLY COMPANY		CORE AND MAIN	
		Price Per Unit	Total Bid Price for Estimated Quantity	Price Per Unit	Total Bid Price for Estimated Quantity
200	1" x 2 5/8" meter coupling, ribbed tail piece	\$11.40	\$2,280.00	\$11.26	\$2,252.00
200	3/4" FIP ball valve, full port	\$6.90	\$1,380.00	\$4.66	\$932.00
100	1 1/2" female flanged coupling	\$32.90	\$3,290.00	\$32.57	\$3,257.00
100	1" Full port angle curb valves, ball style 300 PSI lockwing with Mac-Pak Compression X 1" FIP	\$79.05	\$7,905.00	\$78.24	\$7,824.00
50	Regular Pattern Ball Valve 300 PSI, 3/4" full port ball valve FIP x FIP	\$39.05	\$1,952.50	\$38.67	\$1,933.50
50	2" female flanged coupling	\$42.95	\$2,147.50	\$42.53	\$2,126.50
150	3/4" FIP gate valves	\$7.15	\$1,072.50	\$5.24	\$786.00
150	1" FIP gate valves	\$10.65	\$1,597.50	\$7.98	\$1,197.00
10	1 1/4" FIP gate valves	\$15.00	\$150.00	\$11.31	\$113.10
20	1 1/2" FIP gate valves	\$19.05	\$381.00	\$14.37	\$287.40
20	2" FIP gate valves	\$29.00	\$580.00	\$21.65	\$433.00
20	3/4" x close brass nipple	\$1.40	\$28.00	\$1.40	\$28.00
20	1" x close brass nipple	\$2.10	\$42.00	\$2.07	\$41.40
20	3/4" x 2" brass nipple	\$1.80	\$36.00	\$1.78	\$35.60
20	3/4" x 2 1/2" brass nipple	\$2.15	\$43.00	\$2.04	\$40.80
20	3/4" x 3" brass nipple	\$2.40	\$48.00	\$2.37	\$47.40
20	3/4" x 3 1/2" brass nipple	\$2.65	\$53.00	\$2.65	\$53.00
20	3/4" x 4" brass nipple	\$3.10	\$62.00	\$3.08	\$61.60
20	3/4" x 4 1/2" brass nipple	\$3.40	\$68.00	\$3.36	\$67.20
20	3/4" x 5" brass nipple	\$3.75	\$75.00	\$3.70	\$74.00
20	3/4" x 5 1/2" brass nipple	\$4.10	\$82.00	\$4.02	\$80.40
20	3/4" x 6" brass nipple	\$4.75	\$95.00	\$4.51	\$90.20
20	1" x 2" brass nipple	\$2.60	\$52.00	\$2.55	\$51.00
20	1" x 2 1/2" brass nipple	\$3.05	\$61.00	\$2.97	\$59.40
20	1" x 3" brass nipple	\$3.50	\$70.00	\$3.43	\$68.60
20	1" x 3 1/2" brass nipple	\$4.05	\$81.00	\$3.98	\$79.60
20	1" x 4" brass nipple	\$4.60	\$92.00	\$4.49	\$89.80
20	1" x 4 1/2" brass nipple	\$5.10	\$102.00	\$4.99	\$99.80
20	1" x 5" brass nipples	\$5.60	\$112.00	\$5.49	\$109.80
20	1" x 5 1/2" brass nipples	\$6.00	\$120.00	\$6.01	\$120.20
20	1" x 6" brass nipple	\$6.50	\$130.00	\$6.56	\$131.20
20	1 1/2" x close brass nipple	\$4.00	\$80.00	\$4.08	\$81.60
20	1 1/2" x 3" brass nipple	\$6.00	\$120.00	\$6.00	\$120.00
20	1 1/2" x 4" brass nipple	\$8.00	\$160.00	\$7.81	\$156.20
10	1 1/2" x 5" brass nipple	\$9.25	\$92.50	\$9.71	\$97.10
10	1 1/2" x 6" brass nipple	\$11.50	\$115.00	\$11.54	\$115.40
20	2" x close brass nipple	\$6.20	\$124.00	\$6.19	\$123.80
5	2" x 2 1/2" brass nipple	\$6.65	\$33.25	\$6.67	\$33.35
10	2" x 6" brass nipple	\$14.90	\$149.00	\$14.85	\$148.50
10	2" x 9" brass nipple	\$22.15	\$221.50	\$25.80	\$258.00
10	2" x 12" brass nipple	\$29.35	\$293.50	\$29.24	\$292.40
5000	5/8" Meter Washers	\$0.15	\$750.00	\$0.18	\$900.00

		ETNA SUPPLY COMPANY		CORE AND MAIN	
		Price Per Unit	Total Bid Price for Estimated Quantity	Price Per Unit	Total Bid Price for Estimated Quantity
1000	1" Meter Washers	\$0.15	\$150.00	\$0.23	\$230.00
20	1 1/2" Adjustable MNPT Oval Meter Flange	\$34.00	\$680.00	\$211.24	\$4,224.80
20	2" Adjustable MNPT Oval Meter Flange	\$47.00	\$940.00	\$272.91	\$5,458.20
20	1" Brass Threaded Couplings	\$4.00	\$80.00	\$3.86	\$77.20
10	2" x 1" brass bushings	\$11.00	\$110.00	\$10.00	\$100.00
10	1 1/2" x 1" brass bushings	\$6.30	\$63.00	\$5.60	\$56.00
300	Curb Box Plug 1 1/4" – MEPLG 1 1/4 Brass Plug	\$2.80	\$840.00	\$2.84	\$852.00
25	1" NIBCO Full Port Ball Valve	\$10.00	\$250.00	\$8.27	\$206.75
25	3/4" NIBCO Full Port Ball Valve	\$7.00	\$175.00	\$4.92	\$123.00
300	1 1/2" Drop In Gaskets for 1 1/2" Flanged Meter	\$1.80	\$540.00	\$1.87	\$561.00
300	2" Drop In Gaskets for 2" Flanged Meter	\$1.90	\$570.00	\$2.13	\$639.00
5	2" x 1 1/2 Brass Bushings	\$9.00	\$45.00	\$8.30	\$41.50
5	1 1/2" x 3/4" Brass Bushings	\$6.50	\$32.50	\$6.87	\$34.35
20	Meter IDLER Bar Replace 5/8" x 3/4" Meter	\$14.50	\$290.00	\$14.35	\$287.00
20	Meter IDLER Bar Replace 1" Meter	\$28.45	\$569.00	\$28.20	\$564.00
50	AY McDonald 5/8" x 3/4" meter to 1" meter adapter	\$20.00	\$1,000.00	\$9.36	\$468.00
12	AY McDonald Converts 1" meter to 2" flanged meter	\$117.00	\$1,404.00	\$55.60	\$667.20
12	AY McDonald Converts 1" meter to 1 1/2" flanged meter	\$114.00	\$1,368.00	\$54.33	\$651.96
12	AY McDonald Converts 1 1/2" meter to 2" flanged meter	\$169.00	\$2,028.00	\$73.56	\$882.72
20	3/4" Brass 90's	\$3.60	\$72.00	\$3.16	\$63.20
20	3/4" Brass Threaded couplings	\$2.80	\$56.00	\$2.43	\$48.60
30	2" Brass Pentagon Stopbox Cap Plugs (plugs only)	\$7.50	\$225.00	\$7.38	\$221.40
30	1 1/4" Stopbox Caps With Brass Plugs	\$3.00	\$90.00	\$10.66	\$319.80
30	1 1/4" Stopbox lid with plug	\$11.00	\$330.00	\$10.66	\$319.80
30	2" Stopbox lid with plug	\$14.00	\$420.00	\$14.31	\$429.30
5	2" Brass THD Coupling	\$14.00	\$70.00	\$13.52	\$67.60
5	2" x 1.5" Brass THD Bushing	\$9.35	\$46.75	\$8.30	\$41.50
12	2" Meter Flange THD	\$42.95	\$515.40	\$40.75	\$489.00
6	1.5" Meter Flange THD	\$32.90	\$197.40	\$31.05	\$186.30
20	1" Brass 90's	\$5.50	\$110.00	\$4.87	\$97.40
5000	5/8" x 3/4" gaskets	\$0.12	\$600.00	\$0.16	\$800.00
50	1" angle valve( 1"compression to 1" female THD)	\$46.90	\$2,345.00	\$52.11	\$2,605.50
5	3" Brass Meter Flange Kit- THD	\$203.00	\$1,015.00	\$204.29	\$1,021.45
5	4" Brass Meter Flange Kit –THD	\$279.00	\$1,395.00	\$326.41	\$1,632.05
20	1" Brass 90's	\$5.50	\$110.00	\$4.87	\$97.40
50	1" angle valve( 1"compression to 1" female THD)	\$46.90	\$2,345.00	\$52.11	\$2,605.50
TOTAL FOR ESTIMATED QUANTITY*			\$108,687.55		\$113,621.78
Percentage discount from prices for other miscellaneous brass (other than those listed above):					
		0%		40%	
Percentage discount from prices for supplies (other than those listed above):					
		0%		20%	
Minimum pound delivery required per order:					
		1		1	

\* TOTAL REFLECTS TOTAL OF ONLY ITEMS BOTH BIDDERS BID

## STAFF REPORT

Date: March 13, 2018  
Subject: Bid Award for Purchase of Hach DR6000 Spectrophotometer  
From: Jaime Fleming, Laboratory Services Manager  
Date of Meeting: March 19, 2018

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### **Recommendation:**

It is recommended that the bid for a Hach DR6000 spectrophotometer be awarded to Agothos Laboratories, Inc. in the amount of \$9,952.46.

### **Sustainability Criteria:**

Environmental Quality – The Clean Water Plant is actively engaged in the protection of Michigan’s natural water environment and the public health of Wyoming’s citizens. A large part of this work is conducting laboratory analysis to quantifiably document our compliance with permit limitations and treatment success.

Social Equity – The Utility function within the City of Wyoming provides the same high quality service to all areas of the City without regard to income level or socio-economic status. All of Wyoming’s residents enjoy equal access to the benefits of our state-of-the-art wastewater and drinking water treatment technologies.

Economic Strength – By maintaining our own independent laboratories in the Utilities Department, we are able to keep our costs as low as possible, while generating more analytical data in which we have higher confidence.

### **Quality Service Impact:**

Quality Service at the Utility plant laboratories depends upon the quality of the data we produce. The Hach testing methods provide the quality we need while serving the public interest and supporting our overall Quality Service goals.

### **Discussion:**

A spectrophotometer is a specialized analytical instrument used to determine the concentration of compounds of interest in water samples. The testing results, along with the data from other tests, are the basis of treatment process control, documenting our compliance with discharge permit limitations, ensuring industrial user compliance, calculating fees and rates, and characterizing biosolids samples.

The spectrophotometer is one of the most heavily used analytical instruments in the Clean Water Plant lab. It is primarily used to test for phosphorus, ammonia, and cyanide, but can be used for a wide array of compounds. The spectrophotometer is used to analyze several hundred samples per month. These include: plant regulatory compliance and process control samples, samples collected from industrial users, samples from the Kentwood and Byron sewer trunk lines, and biosolids.

We currently use methods (TNT Plus) for phosphorus and ammonia testing which are proprietary technologies and do not have other alternatives available in the market. These techniques are approved by the USEPA for use in generating reportable data, and give us greater accuracy with less labor, variability, and turnaround time. The Hach DR6000 spectrophotometer is a proprietary product designed to accommodate the TNT Plus testing vials and includes features such as automatic sensing of the test type and RFID capture of quality control data for each batch of testing vials. For this reason, bids were solicited for only a Hach DR6000 model spectrophotometer.

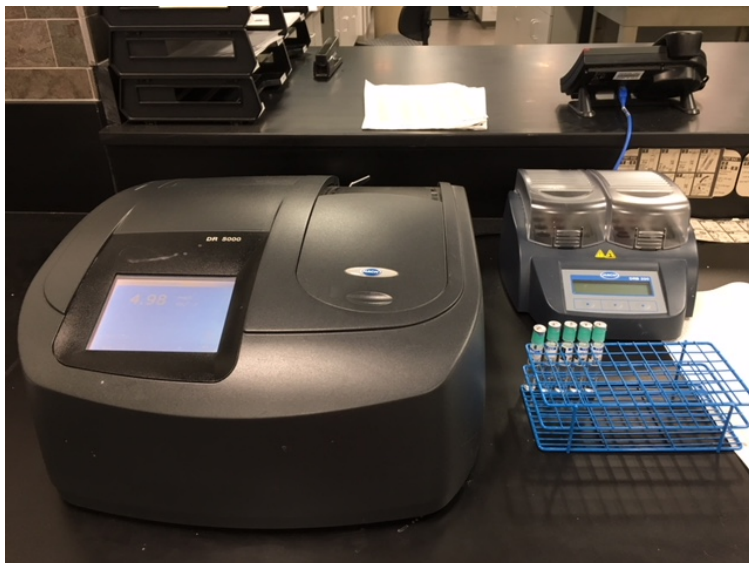
**Budget Impact:**

A total of 30 bids were sent out and two responses were received. Both bids met the specification requirements and include shipping, installation, and on-site training.

Agathos Laboratories, Inc.	\$9,952.46
HACH	\$10,222.64

It is recommended that the bid be awarded to Agathos Laboratories, Inc. for the amount of \$9,952.46.

Sufficient funds are available in the Sewer Fund Account # 590.590.54400.980.074.



DR6000 Spectrophotometer and TNT Plus Vials

## STAFF REPORT

Date: March 13, 2018  
Subject: Bid Award for Purchase of Flow Injection Atomic Absorption Mercury Analyzer  
From: Jaime Fleming, Laboratory Services Manager  
Date of Meeting: March 19, 2018

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### **Recommendation**

It is recommended that the bid for a flow injection atomic absorption mercury analyzer be awarded to Perkin Elmer, Inc. in the amount of \$21,436.23.

### **Sustainability Criteria:**

Environmental Quality – The Clean Water Plant is actively engaged in the protection of Michigan’s natural water environment and the public health of Wyoming’s citizens. A large part of this work is conducting laboratory analysis to quantifiably document our compliance with permit limitations and treatment success.

Social Equity – The Utility function within the City of Wyoming provides the same high quality service to all areas of the City without regard to income level or socio-economic status. All of Wyoming’s residents enjoy equal access to the benefits of our state-of-the-art wastewater and drinking water treatment technologies.

Economic Strength – By maintaining our own independent laboratories in the Utilities Department, we are able to keep our costs as low as possible, while generating more analytical data in which we have higher confidence.

### **Quality Service Impact:**

Quality Service at the Utility plants depends upon our ability to meet the limitations of our discharge permit. The data produced by the mercury analyzer confirms the success of our programs that are designed to minimize the discharge of mercury from the wastewater treatment plant.

### **Discussion:**

A flow injection atomic absorption mercury analyzer is an instrument used to determine the concentration of mercury in water samples. Compliance with our discharge permit limitation for mercury is highly dependent upon minimizing the amount of mercury that enters the wastewater treatment plant. This effort is guided by our pollutant minimization program for mercury, which is a required component of our industrial pre-treatment monitoring program.

The testing results produced by our mercury analyzer help us to determine help us to determine the efficacy of the mercury minimization strategy. The analyzer is used to test samples from the industries and the collection system trunk lines.

The current mercury analyzer is nearing the end of its expected lifetime. The mechanical and electrical parts are beginning to fail as a result of time, use, and exposure to the acidic fumes produced by the samples it analyzes.

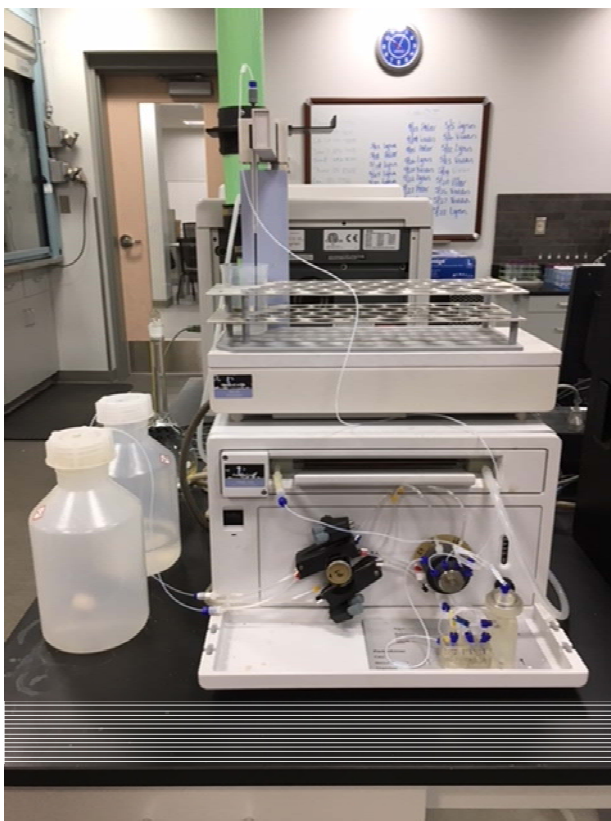
**Budget Impact:**

A total of five bids were sent out and two responses were received. Both bids met the specification requirements and include shipping, installation, and on-site training.

Bidder	Bid Price	Trade-In
PerkinElmer Health Sciences, Inc.	\$26,756.23	\$5,320.00
Teledyne Instruments, Inc. d.b.a. Teledyne Leeman Labs	\$34,051.50	\$2,655.50

It is recommended that the bid be awarded to Perkin Elmer Health Sciences, Inc. for the amount of \$21,436.23, which includes the trade-in value of the current mercury analyzer.

Sufficient funds are available in the Sewer Fund Account # 590.590.54400.980.074.



Flow Injection Atomic Absorption Mercury Analyzer

## STAFF REPORT

DATE: March 13, 2018  
SUBJECT: Shredded Bark  
FROM: Jeff Anderson, Parks & Facilities Supervisor  
CC: Rebecca Rynbrandt, Director of Community Services  
MEETING DATE: March 19, 2018

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### RECOMMENDATION:

It is recommended that the bid for shredded bark be awarded to Brinkwood Products, Inc. and Superior Ground Cover Inc. at the bid prices as shown on the attached tabulation sheet.

### SUSTAINABILITY CRITERIA:

Environmental Quality – The City uses shredded bark as mulch, to retain soil moisture and to help with weed prevention around the trees and shrubs in the parks and other City Facilities.

Social Equity – ADA compliant playground chips (engineered wood fiber) will be used in park playground areas to comply with safety and accessibility standards – working to ensure all children, regardless of ability or disability, have the opportunity to benefit from recreation resources.

Economic Strength – Vibrant communities are built upon attractive, safe public spaces. Well maintained properties have a positive direct impact on property values. Parks and recreation services work to ensure families want to live, work, and play in our community – a backbone to economic development.

### QUALITY SERVICE IMPACT:

By placing shredded bark in our landscaping and ADA compliant playground chips in our playgrounds we work to create safe and attractive community public spaces.

### DISCUSSION:

On February 20, 2018 three (3) bids were received to provide shredded bark and ADA playground chips for City facilities and parks. Sixty-six (66) invitations to bid were sent to prospective bidders.

The shredded bark is utilized at various facilities for landscaping, weed suppression and moisture retention around trees. The ADA compliant playground chips will be used in playground areas to comply with the Americans with Disabilities Act and National Playground Safety Standards.

It is recommended that the bid for shredded bark be awarded to bidders, Brinkwood Products, Inc. and Superior Ground Cover Inc. based on cubic yard bid price, price to blow bark into location and minimum truckload with no delivery charges.

**BUDGET IMPACT:**

Funds for the purchase of the shredded bark are budgeted in various departmental accounts with the appropriate account being charged at the time of requisition. It is estimated the annual expenditure for shredded bark and ADA compliant chips will total approximately \$12,000.00.

**BID TABULATION:**

Bark Description	Bidder	Bid Price (cu.yd.)	Bid price to blow bark into location (cu. yd.)	Minimum Truckload per delivery (no delivery charges)	Delivery charge (deliveries under the minimum truckload)
<b>Delivered to any City building, facility, property and job site in the City of Wyoming</b>					
Hardwood (Brown) Shredded Bark	Superior Ground Cover	\$17.25	\$37.25		
	Brink Wood Products, Inc.	\$ 16.50	\$38.50	70 cu. yd.	\$45.00
	Three Oaks Ground Cover		\$37.00		
Red Enhanced Colored Bark	Superior Ground Cover	\$ 22.50	\$42.50		
	Brink Wood Products, Inc.	\$ 21.00	\$43.00	70 cu. yd.	\$45.00
	Three Oaks Ground Cover		\$42.00		
ADA Approved Playground Wood Chips	Superior Ground Cover	\$13.75	\$22.00		
	Brink Wood Products, Inc.	\$13.00	\$22.00		
	Three Oaks Ground Cover		\$22.50		

<b>Delivered the City of Wyoming Drinking Water Plant</b>					
Hardwood (Brown) Shredded Bark	Superior Ground Cover	\$17.25	\$37.25		
	Brink Wood Products, Inc.	\$ 16.50	\$38.00	70 cu. yd.	\$60.00
	Three Oaks Ground Cover		\$37.00		
Red Enhanced Colored Bark	Superior Ground Cover	\$ 22.50	\$42.50		
	Brink Wood Products, Inc.	\$ 21.00	\$43.00	70 cu. yd.	\$60.00
	Three Oaks Ground Cover		\$42.00		
ADA Approved Playground Wood Chips	Superior Ground Cover	\$13.75	\$22.00		
	Brink Wood Products, Inc.	\$13.00	\$22.00	30 cu. yd.	\$60.00
	Three Oaks Ground Cover		\$22.50		

Number of days for deliveries	Superior Ground Cover	5
	Brink Wood Products, Inc.	3
	Three Oaks Ground Cover	30

ORDINANCE NO. 2-18

AN ORDINANCE TO AMEND SECTION 10-179(4)(g)  
AND TO ADD SECTION 10-179(4)(h) TO  
THE CODE OF THE CITY OF WYOMING

THE CITY OF WYOMING ORDAINS:

Section 1. That Section 10-179(4)(g) of the Code of the City of Wyoming is hereby amended to read as follows:

(g) Fees for licenses and registration, including rental inspection fees shall be periodically set by resolution of the city council. Fees shall reflect the cost of processing, inspection, supervision and other related costs of regulation. The city council may by resolution establish a fee for failure to comply with the rental inspection program.

Section 2. That Section 10-179(4)(h) is hereby added to the Code of the City of Wyoming to read as follows:

(h) **Unpaid Fees.** The property owner shall be notified of the amount of any fees unpaid for a period in excess of 60 days by first-class mail at the address shown on the property tax records maintained by the City Assessor. If the owner fails to pay the amount owed within 30 days after mailing of the notice, the city may add the amount owed to the next tax roll of the City and the amount may be collected in the same manner as provided by law for the collection of city taxes.

Section 3. This ordinance shall be in full force and effect on the \_\_\_\_\_ day of \_\_\_\_\_, 2018.

I hereby certify that the above-entitled Ordinance was adopted by the City of Wyoming at a \_\_\_\_\_ session of the City Council held on the \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Kelli A. Vandenberg  
Wyoming City Clerk

## STAFF REPORT

Date: January 24, 2018

Subject: Property Maintenance Code Update to Affirm City Practices (Rental Inspection Program)

From: Dave Rupert, Building Inspection Supervisor, Community Services

CC: Rebecca Rynbrandt, Director of Community Services

Meeting Date: February 12, 2018

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**RECOMMENDATION:** It is recommended that the City Council approve changes to the Property Maintenance Code to affirm the practice of adding unpaid fees to the tax rolls, ensuring collection when past due notices go unanswered.

### **SUSTAINABILITY CRITERIA:**

Environmental Quality – The Rental Inspection Program is a tool to ensure safe, habitable and maintained buildings for our residents. The program is designed to be self-funded, where by fees are charged for inspections directly related to services performed and fines related to a rental property's failure to certify (register) with the City.

Social Equity – As rental properties are dwellings for people to live in and raise their families, our inspection program requires that dwellings be maintained at minimum housing standards.

Economic Strength – The program works to maintain and improve all neighborhood property values, via the proximity affect, while protecting current and future owner investment. Economic strength of property values directly affects the City's sustainability.

**DISCUSSION:** Following consultation with City Treasurer Andrea Boot, City Attorney Jack Sluiter, and Director of Community Services Rebecca Rynbrandt, it was decided that an ordinance should be presented to Council to affirm past practice, and assure transparency to the community of the placement on the tax rolls for related non-payment of fees owned to the City. Placement of fees due on the tax rolls is a commonly accepted practice to ensure collection; and the City has been using this method for years. An ordinance, affirming this practice, prepared by the City Attorney and recommended by staff to ensure transparency to the community, is attached. To summarize, the ordinance does the following:

- Provides language to clarify and affirm past practice of adding unpaid fees to the tax rolls.
- Ensures the payment for unpaid rental program fees.
- Maintains an equitable collection system for unpaid fees.

**BUDGET IMPACT:**

This is an ongoing practice for the collection of rental inspection fees. Without the ability to maintain a tax roll collection option, expenses will increase as staff or contract service will be required to perform ongoing collections; revenue will decrease due to delayed collection or inability to collect. Our ability to meet council expectation that the Rental Inspection Program be self-funded through fees will be compromised.

###

ORDINANCE NO. 6-18

AN ORDINANCE TO ADD SECTION 90-331  
TO THE CODE OF THE CITY OF WYOMING  
ENTITLED "SHORT TERM RENTALS"

THE CITY OF WYOMING ORDAINS:

Section 1. That Section 90-331 is hereby added to the Code of the City of Wyoming to read as follows:

Short Term Rentals of privately owned dwellings are subject to the following:

- (1) **Definitions:** For purposes of this section the following definitions shall apply:
  - (a) *Maximum Occupancy* means the maximum number of allowable occupants for the dwelling, as established in this code.
  - (b) *Owner* means a person holding legal or equitable title to the premises.
  - (c) *Rent or Rental* means to permit, provide for, or offer possession or occupancy of a dwelling in which the owner does not reside for a period of time to a person who is not the legal owner of record, pursuant to a written or unwritten agreement.
  - (d) *Short-Term Rental* means the rental or subletting of any dwelling, for a term of 27 days or less, but the definition does not include the use of campgrounds, hotel rooms, transitional housing operated by a non-profit entity, group homes such as nursing homes and adult foster care homes, hospitals, or housing provided by a substance-abuse rehabilitation clinic, mental-health facility, or other health-care related clinic.
- (2) **Prohibition.** Except as herein provided, short-term rentals are prohibited in all residentially zoned districts.
- (3) **Exceptions.** The following shall not constitute a short-term rental:
  - (a) *Family occupancy.* Any member of a family, as well as that family member's guests, may occupy a dwelling as long as that family member's family owns the dwelling.
  - (b) *House sitting.* During the temporary absence of the owner and the owner's family, the owner may permit non-owner occupancy without remuneration.
  - (c) *Dwelling sales.* Occupancy of up to 90 days by a prior owner after the sale of a dwelling under a rental agreement following closing.
  - (d) *Estate representative.* Occupancy by a personal representative, trustee, or guardian (including family members) of the estate is permitted.

(e) Occupancy requirements and limits as provided in this code shall be applicable under any of these exceptions.

Section 2. This ordinance shall be in full force and effect on the \_\_\_\_\_ day of \_\_\_\_\_, 2018.

I hereby certify that the above-entitled Ordinance was adopted by the City of Wyoming at a \_\_\_\_\_ session of the City Council held on the \_\_\_\_\_ day of \_\_\_\_\_, 2018.

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Kelli A. Vandenberg  
Wyoming City Clerk

Ordinance No. 6-18