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**CITY OF LESLIE  
REGULAR COUNCIL MEETING  
MINUTES  
JULY 5, 2016**

Present: Beegle, Fox, Motes, Neu and Zamora.

Absent: Morrison (excused), Shuster (excused).

Also Present: City Manager Aaron Desentz, Deputy Clerk Carrie Howe, Attorney Mark Grua, Joyce Kranz, Larry Hook, Paul Pavlica, Chief Bob Delamarter and Martha Owen.

The meeting was called to order at 7:02 p.m. by Mayor Zamora. The meeting was held at Leslie City Hall, 107 E. Bellevue Street, Leslie.

**Item 1** **Approval of the Agenda**

Moved by Fox, seconded by Beegle to approve agenda with the addition of “Water Sales” (Eaton Farm Bureau)

ALL YEAS

MOTION CARRIED

**Item 2** **Consent Agenda**

- A. Approve the minutes of the June 7, 2016 Council Meeting
- B. Correspondence
  - I. Zoning Administrators Report
  - II. Property Maintenance Code Report
  - III. Railroad Information
  - IV. Approve Special Land Use Permit items "I" through "N"

Moved by Neu, seconded by Motes to approve the consent agenda.

ALL YEAS

MOTION CARRIED

**Item 3** **Public Comment**

- Joyce Kranz, 108 Adams Street
- Paul Pavlica, 210 Church Street

**Item 4** **Unfinished Business**

1. Water Update



# THE CITY OF LESLIE

106 E. BELLEVUE • P.O. BOX 496 • LESLIE, MI 49251-0496  
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## City of Leslie Water Status Report 3/25/2016

### History of the Leslie Water Issue

The earliest record of the City of Leslie water system that we know of is found in The Village and Township of Leslie, Michigan published in 1914:

"The present system of water works was installed by Brooks & Sons of Jackson in 1899....The water is rather hard and carries a trace of hydrogen sulfide but is bacteriologically pure...One hundred and seventy five taps have been made since the system was installed..."

Other records on the system are hard to find. However, the City of Leslie did not begin to treat water until the aeration and detention plant was put on line in the 1970's. The plant used aeration and detention to remove iron from the water.

In 2013, the City replaced the aging aeration and detention plant at the request of the Michigan Department of Environmental Quality (MDEQ). The new plant was designed by Prein & Newhoff and ENG Engineering. The new plant uses rapid infiltration and chlorination to treat the water.

In August 2013 the new plant went online. There was an issue with the backwash feature of the plant. During the first backwash cycle the City staff witnessed the first bout of reddish/rusty colored water. From August 2013 until January 2014 the City worked with ENG Engineering and the construction company to fix the backwash system. After doing so, complaints of red water settled down.

The complaints spiked again in the summer of 2014. After meeting with the engineering consultants and chlorine providers, the City was advised that this problem is typical of such a project and that the issues will settle as the distribution system adjusts to the new water chemistry. By winter of 2014 complaints began to die down and those involved believed that the issue would disappear.

In spring of 2015 the rusty water complaints spiked again. The problems persisted during the spring and into the summer. During this time, the City also underwent an organizational change as the then City Manager left. The City's current City Manager came on board in July 2015.



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## **Actions taken to address the City of Leslie water issue to date:**

- July 2015: Installation of static mixing valve to increase efficiency of chlorine distribution at water treatment plant
- July 2015: Direction flushing (1 week)
- September 2015: Cleaning of two (2) of the City's water wells
- October 2015: Use of BD-2000 (3 weeks)
- October 2015: Directional flushing (1 week)
- February 2016: Traditional flushing (2 weeks)
- February 2016: Section of main cut out and analyzed
- November 2015 – March 2016: Continued total chemistry testing, lead/copper testing.

## **Results of the above actions:**

The City water issue still persists at the time this report was written.

Installation of the Static Mixing Valve: The City added a static mixing valve to the water treatment plant. This valve allows the water to mix with the chlorine more efficiently. This ruled out the thought that the chlorine was not adequately mixing with the water and the result was not properly treated water.

Directional Flushing: Directional flushing is done by shutting off valves to isolate a section of main. This increases the velocity of the water traveling through the main and scours the inside of the main. The idea is to clean any deposits from the inside of the water main. Directional flushing has seen mixed results. The City staff spend about five (5) working days in order to complete a flush of the entire system. At the time the flushing is complete, a test is conducted to determine the amount of chlorine in that part of the system. The results show that on the



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day the flushing is done, the chlorine in the system is at the desired level. However, this falls off several days after the flushing is conducted. When the City first conducted the directional flushing in July, many of the hydrants expelled large amounts of rusty sediment and water. During the second phase of directional slushing in October, the City again removed a large amount of rusty sediment and water from the system.

Cleaning of the Wells: Two (2) of the City wells were overdue for cleaning at the time the project was conducted. Typically, municipal wells are cleaned every ten (10) years. Peerless Midwest was contracted to conduct the cleaning. Their report indicated that the wells contained an abnormal excess of iron sediment. This was removed during the cleaning. We believe that this excess could have contributed to the water treatment being less effective. The City will continue to have the water wells cleaned as recommended.

Use of BD-2000: BD-2000 is a bio dispersant manufactured by Charus Labs. The product is used to eliminate biofilm that may develop inside of the pipes of a water distribution system. The MDEQ authorized the use of this product in October 2015 for three (3) weeks of use. The product was fed in increasing amounts each week ranging from 0.5/ppm to 1.3/ppm. During that time, the City found higher levels of chlorine in areas that have historically had lower levels of chlorine. After the use of the product was stopped, the chlorine levels in those areas decreased to their regular lower levels.

Testing: During most of this time, the City has undergone a number of additional tests to provide data on the chemistry of the water and how the water chemistry may play a role in the water issue. Those tests have been analyzed by the City staff and by a number of consultants. The evidence based recommendations of those consultants have been provided in this report. The results of those tests are also provided.

## Going Forward

The City of Leslie is hiring a new general engineering company. That company will review the collected data, all associated reports, and the recommendations of the other consultants. We will discuss this data and develop and implement a short term and long term solution to the problem. That update will be added to this report as it is available.

Aaron Desentz  
City Manager

**1. Proposal for Aeration and Detention by Peerless Midwest**

Bob Masters—Presentation

Moved by Motes, seconded by Neu to approve aeration and detention system through Peerless Midwest for \$339,400.00 pending City Attorney approval.

ALL YEAS

MOTION CARRIED

**2. Consideration of Resolution 2016-09**

Designation of the Certifying Officer and Environmental Review Officer for the CDBG/ICE Grant

Moved by Neu, seconded by Beegle to approve Resolution 2016-09:

**Roll Call Vote:**

Beegle—Yes

Fox—Yes

Neu—Yes

Motes—Yes

Zamora—Yes

(Absent—Morrison, Shuster).

ALL YEAS

MOTION CARRIED

**CITY OF LESLIE**

**RESOLUTION NO. 2016-09**

**RESOLUTION DESIGNATING A CERTIFYING OFFICER AND ENVIRONMENTAL  
REVIEW OFFICER  
FOR THE COMMUNITY DEVELOPMENT BLOCK GRANT FOR  
WATER MAIN IMPROVEMENTS ON COVERT, RACE, OAK, AND ADAMS STREETS**

WHEREAS, the City of Leslie is applying for a Community Development Block Grant for water main improvements on Covert, Race, Oak, and Adams Streets; and

WHEREAS, and Environmental Review is required as part of the application process;

NOW THEREFORE BE IT RESOLVED, the City Council of the City of Leslie does hereby designate the Pete Zamora, Mayor of the City of Leslie as the Certifying Official and Aaron Desentz, City Manager as the Environmental Review Officer.

ROLL CALL VOTE.

AYES: Beegle, Fox, Motes, Neu and Mayor Zamora

NOES: None

ABSENT: Morrison, Shuster

ABSTAIN: None

**MOTION APPROVED. RESOLUTION DECLARED ADOPTED.**

I hereby certify that the foregoing document is a true and complete copy of a resolution duly adopted by the City Council of the City of Leslie, County of Ingham, State of Michigan, at a regular council meeting held on Tuesday, July 5, 2016, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

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Chelsea Cox, City Clerk

July 5, 2016

**3. Environmental Indemnification Agreement and Alternate Institutional Control Agreement with Speedway**

Moved by Neu, seconded by Motes to approve agreement and alternate institutional control third-party agreement.

ALL YEAS

MOTION CARRIED

**4. Request to Alter Parking Restrictions on Pennsylvania Street**

Chief Delamarter—parking issues

Moved by Motes, seconded by Neu:

7:15 a.m.—7:45 a.m.: No parking or dropping off (drop-offs are allowed after 7:45 a.m.).

ALL YEAS

MOTION CARRIED

**5. Discussion Regarding Meeting Minutes**

Council discussed formatting of meeting minutes—agreed to continue with “Roberts Rules of Order”.

**6. Consideration of Driveway Permit for 404 Washington Street**

Moved by Fox, seconded by Neu to approve driveway permit for 404 Washington Street.

ALL YEAS

MOTION CARRIED

## 7. Confirm Appointment of Election Inspectors

# City of Leslie

PO Box 496•Leslie MI 49251•[www.cityofleslie.org](http://www.cityofleslie.org)•Phone 517.589.8236•Fax 517.589.0156

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Memo from Chelsea

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July 1, 2016

To: Manager Desentz, Mayor Zamora and Leslie City Council  
From: Chelsea Cox - Leslie City Clerk  
Subject: August 2, 2016 Election Inspectors.

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**The Leslie City Election Commission consists of Clerk Cox, Deputy Clerk Fancher-Howe and City Manager Desentz. The following Election Inspectors have been appointed by the Leslie City Election Commission for the upcoming August 2, 2016 Election:**

<b>Chair- Megan Ann Kibbey</b>	<b>Republican</b>
<b>Phyllis Pierce</b>	<b>Democrat</b>
<b>Dawn Kibbey</b>	<b>Republican</b>
<b>Vicki Smith</b>	<b>Republican</b>
<b>Keesha Chadwell</b>	<b>Republican</b>
<b>Valerie Meirndorf</b>	<b>Democrat</b>

**Substitutes:**

<b>Chelsea Cox, Leslie City Clerk</b>	<b>Republican</b>	<b>589-8236</b>
<b>Carrie Fancher, Deputy Clerk</b>	<b>Democrat</b>	<b>589-8236</b>

**All inspectors have a certificate of training provided from Ingham County from; all inspectors will be attending the July 12, 2016 re-certification session in Mason, MI.**

**We are requesting confirmation of our action via the following Council motion:**

**Requested Council action: Motion to confirm the appointment of the listed Election Inspectors and Substitutes for the upcoming August 2, 2016 Election.**

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Chelsea Cox  
City Clerk  
Chair Election Commission

Carrie Fancher  
Deputy Clerk

Aaron Desentz  
City Manager

Moved by Fox, seconded by Motes to approve appointment of election inspectors.

ALL YEAS  
MOTION CARRIED

### **8. Discussion Regarding Hallowed Half and Frightening 5K**

Moved by Beegle, seconded by Motes to approve the Hallowed Half and Frightening 5K without beer tent.

ALL YEAS  
MOTION CARRIED

### **9. Eaton Farm Bureau Water Sales**

Moved by Neu, seconded by Motes to approve water sales at Eaton Farm Bureau.

ALL YEAS  
MOTION CARRIED

### **10. City Manager Review**

Reviews will be compiled and presented at August meeting.

ALL YEAS  
MOTION CARRIED

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## **Item 6** **Council Agenda**

- 1. Committee Reports**
- 2. Manager's Report**

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## **Item 7** **Adjournment**

Moved by Neu, seconded by Motes to adjourn

ALL YEAS  
MOTION CARRIED  
Time: 8:33 p.m.



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Juan P. Zamora  
Mayor

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Chelsea Cox  
Clerk