

EST. 1960

# Willowbrook

835 Midway Drive  
Willowbrook, IL 60527-5549

Phone: (630) 323-8215 Fax: (630) 323-0787 [www.willowbrookil.org](http://www.willowbrookil.org)

## Mayor

Frank A. Trilla

## Village Clerk

Leroy R. Hansen

## Village Trustees

Sue Berglund

Umberto Davi

Terrence Kelly

Michael Mistele

Gayle Neal

Paul Oggerino

## Village Administrator

Tim Halik

## Chief of Police

Mark Shelton

## Director of Finance

Carrie Dittman



Proud Member of the  
Illinois Route 66 Scenic Byway

## AGENDA

REGULAR MEETING OF THE MUNICIPAL SERVICES COMMITTEE TO BE  
HELD ON MONDAY, FEBRUARY 12, 2018, AT 5:30 P.M. AT THE VILLAGE  
HALL, 835 MIDWAY DRIVE, IN THE VILLAGE OF WILLOWBROOK,  
DUPAGE COUNTY, ILLINOIS.

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF MINUTES:
  - a) January 8, 2018 Regular Meeting of the  
Municipal Services Committee
4. DISCUSSION – Mosquito Abatement Program Contract: Clarke
5. DISCUSSION – HVAC Maintenance, Village Facilities
6. REPORT – Kingery & 63<sup>rd</sup> Street STP Lighting Project:  
Status Update
7. REPORTS – Municipal Services Department:
  - a) January 2018 Monthly Permit Activity Report
  - b) December 2017 Water System Pumpage Report
  - c) December 2017 (Year End) Scavenger Report
8. VISITOR'S BUSINESS  
(Public comment is limited to three minutes per person)
9. COMMUNICATIONS
  - a) Video Surveillance Systems, P.W. Facility & Village Hall
10. ADJOURNMENT

MINUTES OF THE REGULAR MEETING OF THE MUNICIPAL SERVICES  
COMMITTEE OF THE VILLAGE OF WILLOWBROOK HELD ON MONDAY,  
JANUARY 8, 2018 AT THE VILLAGE HALL, 835 MIDWAY DRIVE, IN THE  
VILLAGE OF WILLOWBROOK, DUPAGE COUNTY, ILLINOIS

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1. CALL TO ORDER

Trustee Terrence Kelly called the meeting to order at 5:30 PM.

2. ROLL CALL

Those present at roll call were Trustee Terrence Kelly, and Village Administrator Tim Halik.  
Absent: Chairman Paul Oggerino.

3. APPROVAL OF MINUTES

- a) It was decided that since the previously assigned members of the Municipal Services Committee, specifically Trustees Mistele and Oggerino, were not in attendance at tonight's meeting, no current member of the Municipal Services Committee could attest to the accuracy of the draft minutes. Therefore, it was agreed that the draft meeting minutes of the November 13, 2017 regular meeting of the Municipal Services Committee will be reviewed and approved at the scheduled joint committee meeting to review the proposed FY 2018/19 Budget which will take place on February 19, 2018. No vote taken on the draft minutes.

4. REPORT -- Kingery & 63<sup>rd</sup> Street STP Lighting Project: Status Update

Administrator Halik advised that this item is intended to provide an update on the project. Halik shared that the Village previously applied for and was awarded grant funding through the Federal Surface Transportation Program to install both intersection and approach lighting at the Illinois Route 83 and 63rd Street intersection. Kingery Highway is a state road, and the intersection does not currently meet warrant requirements for lighting. Therefore, our requests over the years for IDOT to install lighting have been denied. Ultimately, it was decided that available grant opportunities to install the improvement would be our best chance of getting the work completed. Halik advised that the engineer's total estimated cost of this project was \$521,730. Therefore, the grant will cover 70% of the eligible costs of the project not to exceed \$365,211, with the Village's local share amount being \$156,519. The project was included on IDOT's March 3, 2017 bid letting. The low bidder at that time was H&H Electric Company in the amount of \$345,048.10. Project bids came in significantly lower than expected. The contract was awarded on April 14, 2017 and the contract signed on April 27, 2017. A preconstruction meeting was held on May 16, 2017. It was expected that the project would commence in June of 2017 and be substantially completed by September of 2017. However, at the pre-con meeting, H&H Electric submitted a request for a 120-day time extension for delay of start, which is permissible under IDOT regulations. Therefore, the start of construction on this project was delayed until October 2017, with a new expected completion date of Spring 2018. Unfortunately, work did not commence in October. As a result, working days are being charged to the project as of October 10, 2017. On November 1, 2017, we received notification from H&H that they will try to begin the project the week of November 13th.

The contract for this project includes a total of ninety work days. Thirty-one work days have been charged so far. However, IDOT specifications preclude charging work days from December 1 until May 1 during the winter shutdown period. The project officially began on November 30th, and H&H has made some good progress prior to the onset of the extreme cold. They completed the light pole foundation installations at the northwest and southwest corners of the project. They have also installed the underground wiring in those areas as well. They are currently working on the southeast corner of the project. We anticipate that the new poles would be energized perhaps early March at the current rate of progress. Halik advised that copies of the Weekly Progress Report No.'s 1 through 11 are included in the packet. Trustee Kelly thanked Halik for the update and advised that he reviewed each weekly progress report.

5. REPORTS – Municipal Services Department

- a. Administrator Halik reviewed the monthly permit activity reports for both the month of November and December 2017. Halik advised that the Village received about \$43,000 in permit revenue for the month of November, and about \$12,000 in December. Halik advised that for the first eight months of the 2017/18 fiscal year, the department has brought in a total of 145% of the budgeted revenue.
- b. Administrator Halik shared the water system pumpage reports for October and November 2017. The reports indicate that the Village pumped 27,807,000 gallons of water in the month of October, and 25,066,000 in the month of November. The total amount of water pumped so far in the 2017/18 fiscal year is about .81% below the amount of water pumped in the same time period of the previous fiscal year. However, we are still on track to meet the 350,000,000 pumpage projection for the year.
- c. Administrator Halik shared the October and November 2017 scavenger reports, and advised that the reports were for informational purposes only.

6. VISITOR'S BUSINESS

(None)

7. COMMUNICATIONS

(None)

9. ADJOURNMENT

Motion to adjourn was made by Trustee Kelly. The meeting was adjourned at 6:01 PM.

(Minutes transcribed by: Tim Halik, 2/6/18)

**MUNICIPAL SERVICES COMMITTEE MEETING  
AGENDA ITEM SUMMARY SHEET**

**AGENDA ITEM DESCRIPTION**

**DISCUSSION –**

**MOSQUITO ABATEMENT PROGRAM CONTRACT: CLARKE**

**COMMITTEE REVIEW**

- ☐ Finance/Administration  
☒ Municipal Services  
☐ Public Safety

Meeting Date:

February 12, 2018

- |   |   |
|---|---|
| <input type="checkbox"/> Discussion Only  | <input checked="" type="checkbox"/> Approval of Staff Recommendation (for consideration by Village Board at a later date) |
| <input type="checkbox"/> Seeking Feedback | <input type="checkbox"/> Approval of Staff Recommendation (for <u>immediate</u> consideration by Village Board)           |
| <input type="checkbox"/> Regular Report   | <input type="checkbox"/> Report/documents requested by Committee  |

**BACKGROUND**

Our three-year contract with Clarke to provide mosquito abatement services for the Village expired after the 2017 season. Therefore, staff has met with representatives from Clarke to discuss the terms of renewal contract provisions and to ensure that the contract price remains competitive with surrounding towns that receive the same or similar services from Clarke.

The result is that Clarke has agreed to offer continued services to the Village for a new three (3) year term. Given both the price of pesticides and labor costs have risen, Clarke has proposed a 1.5% contract price increase to \$26,080 for the 2018 season. They would also agree to freeze that price for an additional two (2) years, if we entered into another three (3) year contract. Therefore, the cost of the 2018, 2019 and 2020 program would be \$26,080 each year. Staff would also recommend, same as the last contract, that an additional \$6,430 be budgeted for up to two (2) optional ULV services which includes adulticiding (spraying), both localized and community wide, should the need arise to combat the continuing threat of West Nile Virus (WNV).

The technical treatment terms of the contract, including Village-wide catch basin treatment four (4) times a year, or roughly once a month during the summer season, will remain unchanged. The contract will still include the use of the same insecticides, Altocid XR® and Vectolex WSP®, which are sustained release products that can provide the required coverage for up to 120 days without re-treatment. To ensure adequate protection is in place prior to the onset of mosquito breeding attributed to WNV, a second catch basin treatment, referred to as a "booster" treatment, will be performed in mid-August.

As an environmentally friendly alternative to conventional chemical insecticides, Clarke now offers a program called EarthRight for mosquito control. Products used within this program are made from naturally-derived active ingredients and are applied using earth-friendly methods, such as with bicycles and all-electric sprayers. Clarke advises that the larvicide product used in this program is more effective than its chemical alternative, and the adulticide applications (i.e., ULVs) have the same level of effectiveness. There would be no increase in cost to the Village for the bulk of the EarthRight Program, and ULV services would increase by \$485 each. Therefore, an additional \$7,400 would be budgeted for ULV services (versus \$6,430).

**STAFF RECOMMENDATION**

Attached, please find the following:

- Standard Program proposal from Clarke
- EarthRight Program proposal from Clarke
- Willowbrook 2017 Mosquito Management Program Annual Service Report

Staff would recommend acceptance of the EarthRight Program proposal for continued mosquito abatement services provided in an eco-friendly manner. This approach would match the change to organic turf management the Village began two (2) season's ago.





**Clarke Environmental Mosquito Management, Inc.,  
Professional Services Outline for  
The 2018-2020 Village of Willowbrook  
Environmental Mosquito Management (EMM) Program**

RECEIVED

JAN 24 2018

VILLAGE OF  
WILLOWBROOK

**Part I. General Service**

- A. Aerial Survey and Geographic Information System (GIS) Mapping
- B. Computer System and Record Keeping Database
- C. Public Relations and Educational Brochures
- D. Mosquito Hotline Citizen Response – (800) 942-2555
- E. Comprehensive Insurance Coverage naming the Village of Willowbrook additionally insured
- F. Program Consulting and Quality Control Staff
- G. Monthly Operational Reports, Periodic Advisories, and Annual Report
- H. Regulatory compliance on local, state, and federal levels

**Part II. Surveillance and Monitoring**

- A. Floodwater Mosquito Migration Model:  
The use of weather data and computer model to predict the arrival of *Aedes vexans* brood (hatch) and peak annoyance periods. (Clarke will contact the Village of Willowbrook representative and inform him of the impending brood arrival.)
- B. Arbovirus Surveillance:
  - 1. Clarke New Jersey Light Trap Network: Operation of one (1) traps within the Village of Willowbrook to monitor and evaluate adult mosquito activity.
- C. Weather Monitoring – Operational Forecasts

**Part III. Larval Control**

- A. Targeted Mosquito Management System (TMMS™) computer database and site management.
- B. Larval Site Monitoring: 10 inspections
  - 1. Two (2) complete inspections of up to 72 sites as outlined by most recent Clarke GIS Survey.
  - 2. Five (5) targeted inspections of up to 42 breeding areas as determined by the computerized Clarke Targeted Mosquito Management System™.
  - 3. Three (3) targeted inspections of up to 30 known *Culex spp.* breeding areas as determined by the computerized Clarke Targeted Mosquito Management System™.
  - 4. Inspections of sites called in by residents on the Mosquito Hotline.
- C. Prescription Larval Control will be performed with VectoLex® (*Bacillus sphaericus*), VectoBac® (*Bacillus thuringiensis israelensis* - Bti), Abate®, Natular®, and/or Altosid® mosquito larvicide as described in the following sections.
  - 1. Larval Control: The program provides for 50.4 acres of single brood or 30 day residual product with backpack, hand, or helicopter equipment.
  - 2. Larval Control: Stocking of 1,000 mosquito fish (*Gambusia affinis*) for biological control.



3. Catch Basins: One treatment of up to 775 catch basins, inlets and manholes using Altosid®XR extended residual slow release insecticide for up to 150 day control.
4. Catch Basins: One (1) late-season treatment of up to 775 street side catch basins, inlets and manholes using Vectolex® WSP a sustained release insecticide for control of up to 30 days.
5. Catch Basins: Back Yard Catch Basins: One (1) treatment of up to one known backyard catch basin at 6031 Bentley using Altosid®XR extended residual slow release insecticide for control of up to 150 days.

**Part IV. Adult Control**

- A. Adulticiding in mosquito harborage areas:
- B. Upon the request of Village staff, backpack barrier treatments using a synthetic pyrethroid insecticide of up to 1 mile for residual control of adult mosquitoes in isolated residential areas experiencing severe mosquito annoyance conditions. Any authorized backpack barrier treatments will be priced at \$418.00 per treatment.
- C. Adulticiding in Residential Areas:
  1. As authorized by Village staff, community-wide truck ULV treatments of up to 46.5 miles of streets using Anvil® or synthetic pyrethroid insecticide. Any authorized community ULV treatments will be priced at \$3,215.00 per treatment.
- D. Adulticiding Operational Procedures
  1. Notification of community contact.
  2. Weather limit monitoring and compliance.
  3. Notification of residents on Clarke Call Notification List.
  4. ULV particle size evaluation.
  5. Insecticide dosage and quality control analysis.

**2018-2020 EMM Payment Total Price for Parts I, II, III, IV\*\***

**\$26,080.00**

**\*\*NPDES Permit:** A National Pollutant Discharge Elimination System (NPDES) permit is necessary for the execution of the work for mosquito control effective October 31, 2011. Any additional costs associated with activities and/or services that may be required by Clarke in order to comply with an NPDES permit are not included in this proposal.





**Clarke Environmental Mosquito Management, Inc.,  
Professional Services Outline for  
The 2018-2020 Village of Willowbrook  
Environmental Mosquito Management (EMM) Program**

- I. **Program Payment Plan:** For Parts I, II, III, and IV as specified in the 2018-2020 Professional Services Price Outline, the total for the 2018-2020 program is \$26,080.00 per year. The payments will be due on May 1<sup>st</sup>, June 1<sup>st</sup>, July 1<sup>st</sup>, & August 1<sup>st</sup> according to the payment schedule below. Any additional treatments beyond the core program will be invoiced when the treatment is completed. The program pricing for 2019-2020 will be held at 2018 rates.

**PROGRAM PAYMENT PLAN**

<b>Month</b>	<b>2018-2020</b>
May 1	\$6,520.00
June 1	\$6,520.00
July 1	\$6,520.00
August 1	\$6,520.00
<b>TOTAL</b>	<b>\$26,080.00</b>

**For Village of Willowbrook:**

Sign Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**For Clarke Environmental Mosquito Management, Inc.:**

Name: Emily Glasberg Title: Key Accounts Manager Date: 1/17/2018



**Clarke Environmental Mosquito Management, Inc.,  
Professional Services Outline for  
The 2018-2020 Village of Willowbrook  
Environmental Mosquito Management (EMM) Program**

**Administrative Information:**

**Invoices should be sent to:**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip \_\_\_\_\_  
Office Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ P.O. # \_\_\_\_\_  
E-mail: \_\_\_\_\_ County: \_\_\_\_\_

**\*\*In an effort to be more sustainable, we ask that you provide us with an  
Email address that the invoices should be sent to.\*\***

**Treatment Address (if different from above):**

County: \_\_\_\_\_

Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip \_\_\_\_\_

**Contact Person for Village of Willowbrook:**

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Office Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_  
Home Phone: \_\_\_\_\_ Cell: \_\_\_\_\_ Pager: \_\_\_\_\_

**Alternate Contact Person for Village of Willowbrook:**

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Office Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_  
Home Phone: \_\_\_\_\_ Cell: \_\_\_\_\_ Pager: \_\_\_\_\_

**Please sign and return a copy of the complete contract for our files to:**

Clarke Environmental Mosquito Management, Inc., Attn: Emily Glasberg  
675 Sidwell Court, St. Charles, IL 60174 or email to [eglasberg@clarke.com](mailto:eglasberg@clarke.com)



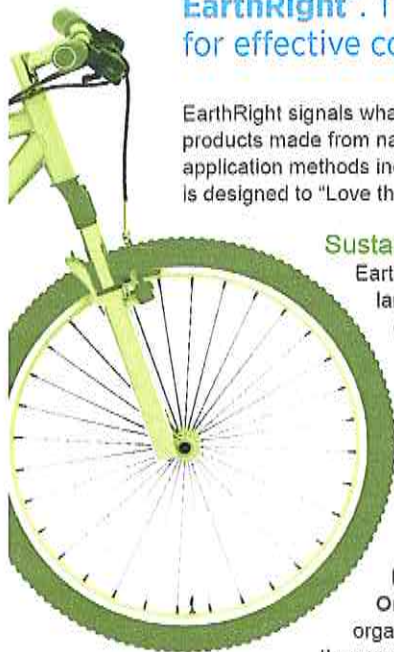
# LOOKING FOR MORE SUSTAINABLE MOSQUITO CONTROL?

Want more information about EarthRight for your community?

Just send us an email

Your E-mail address

## EarthRight™. The most sustainable public health solution for effective community mosquito control



EarthRight signals what is truly a groundbreaking municipal public health service by using only products made from naturally-derived active ingredients – along with inventive and earth-friendly application methods including bicycles and all-electric sprayers. It's the reason we say EarthRight is designed to "Love the Earth. Not mosquitoes."

### Sustainable Design Products

EarthRight employs a unique pairing of two EPA-registered products –Natular larvicide and Merus™ adulticide– to give communities the most sustainable choice available for effective mosquito control.

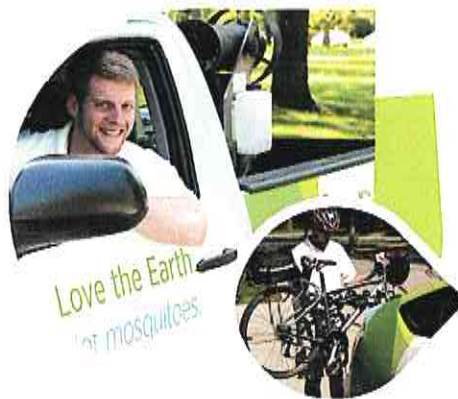
Natular received the U.S. Environmental Protection Agency's Presidential Green Chemistry Challenge Award in 2010, and was the first "Reduced Risk" larvicide that the EPA registered. This classification recognizes new pesticides with more favorable human safety and environmental impact profiles than current alternatives. Natular has the first new active ingredient for a chemical larvicide in nearly three decades and is effective at use rate two to 10 times lower than traditional synthetic products.

EarthRight is the industry's first and only service that uses products that are Organic Materials Review Institute (OMRI) Listed® for use in and around organic gardens and farms. Merus, with an active ingredient derived from chrysanthemum flowers, is the first OMRI Listed adulticide for wide-area mosquito control.

### Earth Friendly Energy Saving

EarthRight's targeted, earth-friendly application methods help reduce emissions...reduce a community's carbon footprint and environmental impact by:

- Taking full advantage of GPS technology to efficiently route field technicians to monitor breeding sites and treatment locations
- Mobilizing Toyota hybrid Prius cars for crew transportation and bicycles for the application of larvicide in catch basins
- Using electric, instead of gas-powered, Ultra Low Volume (ULV) adulticide applicators carried on smaller, more energy-efficient trucks for night-time treatments
- Minimizing impact on hard-to-reach sensitive environments via helicopter applications



### Community Engagement

EarthRight is a very real and visible public service that demonstrates a more sustainable solution is available, even for effective mosquito control.

- Clarke supports communities' stewardship efforts by complementing existing sustainable programs or providing a starting point for "green" initiatives.
- EarthRight offers improved community connections. We'll work with you to create messages and updates that can help you educate residents on how to reduce mosquito populations and to understand the environmental and community health benefits EarthRight provides.
- An EarthRight toolkit is available with communication support materials for your use, including website and newsletter copy, press releases, video and even community posters.







EarthRight™

# EARTHRIGHT PROGRAM

## Clarke Environmental Mosquito Management, Inc., Professional Services Outline for The 2018-2020 Village of Willowbrook EarthRight™ Program



### Part I. General Service

- A. Aerial Survey and Geographic Information System (GIS) Mapping
- B. Computer System and Record Keeping Database
- C. Public Relations and Educational Brochures
- D. Mosquito Hotline Citizen Response – (800) 942-2555
- E. Comprehensive Insurance Coverage naming the Village of Willowbrook additionally insured
- F. Program Consulting and Quality Control Staff
- G. Monthly Operational Reports, Periodic Advisories, and Annual Report
- H. Regulatory compliance on local, state, and federal levels

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**2018-2020 Total Annual Price for Parts I, II, III, IV\*\***

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EarthRight™

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Professional Services Outline for  
The 2018-2020 Village of Willowbrook  
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**For Village of Willowbrook:**

Sign Name: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**For Clarke Environmental Mosquito Management, Inc.:**

Name:  Title: Key Accounts Manager Date: 1/17/2018  
Emily Glasberg





EarthRight™

**Clarke Environmental Mosquito Management, Inc.,  
Professional Services Outline for  
The 2018-2020 Village of Willowbrook  
EarthRight™ Program**

**Administrative Information:**

**Invoices should be sent to:**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
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Office Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ P.O. # \_\_\_\_\_  
E-mail: \_\_\_\_\_ County: \_\_\_\_\_

**\*\*In an effort to be more sustainable, we ask that you provide us with an  
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**Treatment Address (if different from above):**

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Home Phone: \_\_\_\_\_ Cell: \_\_\_\_\_ Pager: \_\_\_\_\_

**Please sign and return a copy of the complete contract for our files to:**

Clarke Environmental Mosquito Management, Inc., Attn: Emily Glasberg  
675 Sidwell Court, St. Charles, IL 60174 or email to [eglasberg@clarke.com](mailto:eglasberg@clarke.com)



# Village of Willowbrook

## 2017 Mosquito Management Program Annual Service Report

Created by:  
Clarke Environmental Mosquito Management, Inc.,  
a Clarke Company

Representative:  
Emily Glasberg



675 Sidwell Court  
Saint Charles, IL 60174  
630-894-2000 P  
800-323-5727  
630-443-3070 F  
[www.clarke.com](http://www.clarke.com)



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### Clarke Environmental Mosquito Management 2017 Annual Report

#### **Introduction**

While 2016 was dominated by headlines about the Zika virus, 2017 returned to a more predictable state of affairs for domestic mosquito control. The media Zika mosquito frenzy has abated, though normal attention to West Nile Virus was still an important story.

In Illinois, we experienced a very active floodwater mosquito spring with five back-to-back rainfalls in April and May spurring flooding in northern collar counties. June saw spikes in temperatures, with six 90+-degree days and virtually no rainfall, curtailing the floodwater hatch offs.

The state reported early detection of West Nile Virus mosquitoes on May 30 (Madison County) and June 1 (DuPage County), indicating the consistent, endemic presence of the virus. While local travel-related Zika cases tapered off significantly.

Clarke is dedicated to helping the residents of the Village of Willowbrook reduce their risk of contracting mosquito-borne diseases like West Nile Virus through a comprehensive program of support, education and contracted services.

#### **Service Contracts**

This annual report provides context for the various challenges faced by mosquito control professionals in the Village of Willowbrook, with detail on the weather, mosquito breeding habits and control efforts undertaken by Clarke in the area. We work closely with our municipal partners to create and execute a mosquito control program specifically tailored to their environmental challenges, risks and community needs.

Using best practices and proven industry protocols, Clarke works in tandem with the Village of Willowbrook to conduct mosquito surveillance and interventional methods to reduce mosquito populations, especially when the risk of disease is present.





## **Seasonal Overview**

### **Wet, Warm Spring Leads to Moderate Summer; Extended Fall Warmth**

For the fourth year running, Illinois remained in a wetter cycle, though temperatures were more moderate in winter and spring. Extensive flooding in the northern collar counties (Lake, Winnebago, Boone and McHenry) created significant floodwater broods.

A mild spring followed a winter with very little snow. Significant rain events in April, May, June and August created floodwater mosquito breeding opportunities.

## **Seasonal Highlights from the National Weather Service:**

### **Spring:**

- Average high temperature for the spring season was 59.5 degrees (1 degree above average). Average low temperature was 41.2 degrees (2.4 degrees above normal).
- Total of 13.72 inches of precipitation was recorded during spring, 4.16 inches above normal. Total of 7.8 inches of snow this spring, 1 inch above normal.
- Records set for 7<sup>th</sup> warmest April, 9<sup>th</sup> wettest April.

### **Summer:**

- Average high temperature for summer season was 82.6 degrees (0.7 degrees above average). Average low temperature was 63.1 degrees (1.4 degrees above normal).
- Total of 13.63 inches of precipitation was recorded during summer, 1.58 inches above normal.

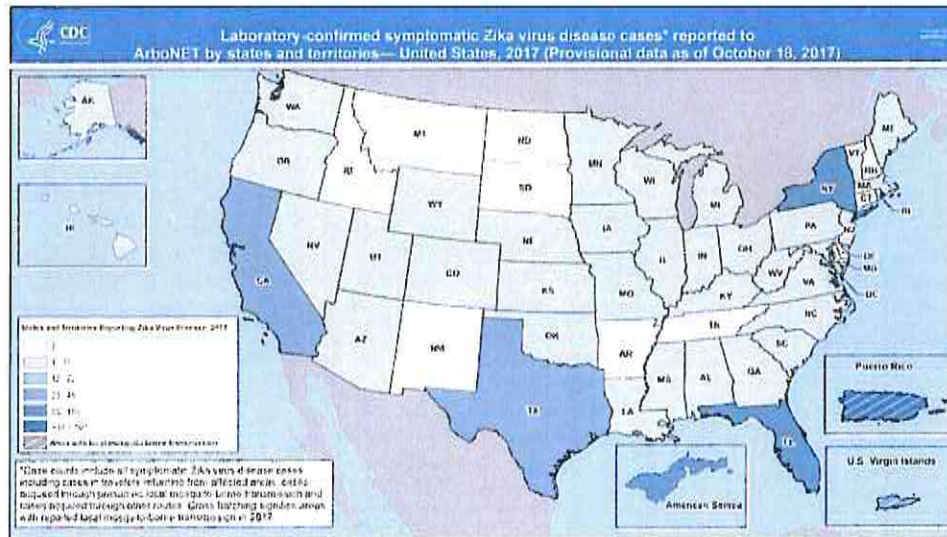


## About Zika Virus

Zika virus is a mosquito-borne disease that is transmitted primarily by the *Aedes aegypti* mosquito and through sexual transmission. While Zika symptoms are generally mild in adults (fever, rash, joint pain, conjunctivitis), pregnant women who contract Zika virus can pass the virus to their unborn children, increasing the risks of serious birth defects like microcephaly. The continental US saw more than 5,100 travel-related cases of Zika nationwide, and 139 locally transmitted cases of transmission in areas of south Florida in 2016. In addition, US Territories reported more than 36,000 cases of Zika Virus.

## Zika Virus in the United States 2017

### Cases by State and Territory



Source: <https://www.cdc.gov/zika/reporting/2017-case-counts.html> Retrieved 10-24-17

## Zika Virus in Illinois

Illinois does not have a significant population of *Aedes aegypti* mosquitoes, so local transmission risk is small. However, Illinois reported 103 travel-related human cases in 2016 and 7 cases in 2017.



## **About West Nile Virus**

West Nile virus is primarily a mosquito-borne disease, which can cause West Nile encephalitis (swelling of the brain) and West Nile fever in humans. Though the majority of humans infected will not show symptoms, those who develop West Nile virus risk debilitating effects and possibly death. While the most severe cases and the highest risk of West Nile occur traditionally in people over 50 years of age or with compromised immune systems, all people who spend time outside are at risk of contracting the virus. The disease also affects birds, horses and other animals, with higher mortality rates.

West Nile Virus has spread rapidly across North America since it was discovered in the Western hemisphere, reports the U.S. Geological Survey. West Nile Virus swept from the New York City region in 1999 to almost all of the continental U.S., seven Canadian provinces and throughout Mexico and parts of the Caribbean by 2004. Of those infected, one in five will develop symptoms.

Currently in 2017, 47 states and the District of Columbia have reported West Nile virus infections in people, birds or mosquitoes. To date, 1,502 cases of West Nile have been reported to the CDC.

## **West Nile in the United States 2017**

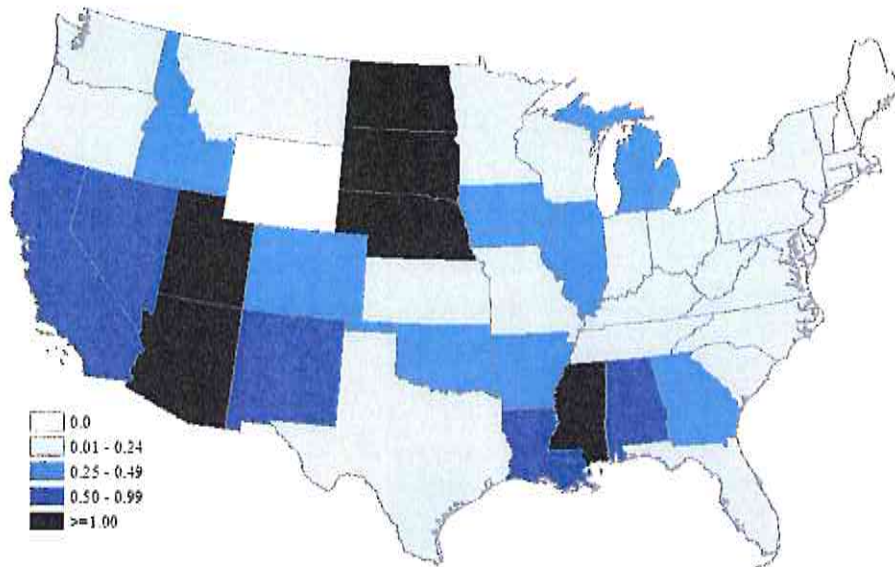
- 2013: 1,135 cases
- 2014: 1,177 cases
- 2015: 2,175 cases
- 2016: 2,149 cases
- 2017: 1,502 cases (to date as of October 17, 2017)





## West Nile in the United States 2017

West Nile Virus Neuroinvasive Disease Incidence by State - United States, 2017 (as of October 17, 2017)



West Nile Virus Activity by State - United States, 2017 (as of October 17, 2017)







## West Nile in Illinois 2017

As of October 18, 2017, Illinois has reported 67 human cases of West Nile virus – less than half the number of cases in 2016.

- 2014 – 44 human cases
- 2015 – 77 human cases
- 2016 – 155 human cases
- 2017 – 67 human cases

## 2017 Human Case Data



Illinois West Nile Virus statistics in 2017 (reported to-date) are:

- 84
- ~~155~~ 67 human cases (down from 155 in 2016)
  - 1 fatality (down from 6 in 2016)
  - 60 counties reporting West Nile activity
  - 25 positive birds (down from 74 in 2016)
  - 1,977 positive mosquito batches (down from 2,434 in 2016)



## Annual Program Update

Illinois first identified West Nile virus this year on May 30, with a positive mosquito pool from Godfrey in Madison County.

On July 20, the first human case of West Nile virus was reported in a resident of Will County. The first fatality was reported in a Kankakee County resident in September.

Below are the specific county West Nile virus statistics as of October 18, 2017, according to the Illinois Department of Public Health<sup>1</sup>

### 2017 Positive Birds, Mosquitoes, Horses and other Animals

County	American Crow	Blue Jay	Other Birds	Mosquito Batches	Horse	Other Mammals
ADAMS	0	0	0	2	0	0
ALEXANDER	0	0	0	2	0	0
BOONE	0	0	0	12	0	0
CALHOUN	0	0	0	3	0	0
CARROLL	1	0	0	1	0	0
CHAMPAIGN	2	0	0	8	0	0
CLAY	0	0	0	3	0	0
CLINTON	0	0	0	2	0	0
COOK	4	1	2	1191	0	0
DEKALB	1	0	0	4	0	0
DUPAGE	0	0	0	193	0	0
FAYETTE	0	0	0	1	0	0
FORD	1	0	0	0	0	0
FRANKLIN	0	0	0	1	0	0
FULTON	0	0	0	9	0	0
GALLATIN	0	0	0	9	0	0
GREENE	0	0	0	6	0	0
GRUNDY	0	0	0	9	0	0
HANCOCK	0	0	0	2	0	0
JACKSON	0	0	0	7	0	0
JO DAVIESS	1	0	0	0	0	0
JOHNSON	0	0	0	2	0	0
KANE	0	0	1	37	0	0

<sup>1</sup> [http://public.dph.illinois.gov/wnvpublic/wnvsurveillance\\_data.aspx](http://public.dph.illinois.gov/wnvpublic/wnvsurveillance_data.aspx), retrieved October 24, 2017



## Annual Program Update

County	American Crow	Blue Jay	Other Birds	Mosquito Batches	Horse	Other Mammals
KANE	0	0	1	37	0	0
KANKAKEE	2	0	0	36	0	0
KENDALL	0	0	0	36	0	0
LAKE	0	0	1	84	0	0
LASALLE	0	1	0	1	0	0
LEE	0	0	0	6	0	0
LIVINGSTON	0	0	0	1	0	0
LOGAN	0	0	0	2	0	0
MACON	0	0	0	51	0	0
MADISON	0	0	0	31	0	0
MARION	0	0	0	1	0	0
MASSAC	0	0	0	9	0	0
MCHENRY	0	0	0	20	0	0
MCLEAN	0	0	0	4	0	0
MENARD	0	0	0	3	0	0
MONROE	0	0	0	17	0	0
MONTGOMERY	0	0	0	1	0	0
OGLE	0	0	0	1	0	0
PEORIA	0	1	0	2	0	0
PERRY	0	0	0	1	0	0
PULASKI	0	0	0	1	0	0
ROCK ISLAND	0	0	0	14	0	0
SAINT CLAIR	0	0	0	27	0	0
SALINE	0	0	0	6	0	0
SANGAMON	0	0	0	5	0	0
SCOTT	0	0	0	4	0	0
STEPHENSON	2	0	0	5	0	0
TAZEWELL	0	0	0	2	0	0
UNION	0	0	0	3	0	0
VERMILION	1	0	0	1	0	0
WASHINGTON	0	0	0	4	0	0
WAYNE	0	0	0	2	0	0





## Annual Program Update

County	American Crow	Blue Jay	Other Birds	Mosquito Batches	Horse	Other Mammals
WHITE	0	0	0	2	0	0
WHITESIDE	0	0	0	2	0	0
WILL	0	0	0	82	0	0
WINNEBAGO	2	0	0	6	0	0
WOODFORD	0	0	1	0	0	0
<b>TOTAL</b>	<b>17</b>	<b>3</b>	<b>5</b>	<b>1977</b>	<b>0</b>	<b>0</b>

### Climatology and Mosquito Overview

The weather dramatically impacts mosquito breeding and population. Special attention should be paid to weather conditions as weather has a huge impact on mosquito populations – with floodwater mosquitoes, rainfall determines if mosquito eggs will hatch, fierce storm can wash away egg rafts and variations in temperature can affect mosquito activity and larval development. In periods of hot, dry weather, water sources dwindle for vector species, and virus transmission can amplify, creating a greater percentage of infected mosquitoes.

#### 2017 weather highlights:

- April: Unseasonably warm and wet
- May: Continued rain events; DuPage Airport reported 7.5 inches from 5 rainfalls
- June: Early summer heat wave, 17<sup>th</sup> warmest with six 90-degree days.
- July: Major flooding in Lake, McHenry, Boone and Winnebago Counties
- August: 2.5 degrees below normal
- September: Temps 17 degrees above normal on average



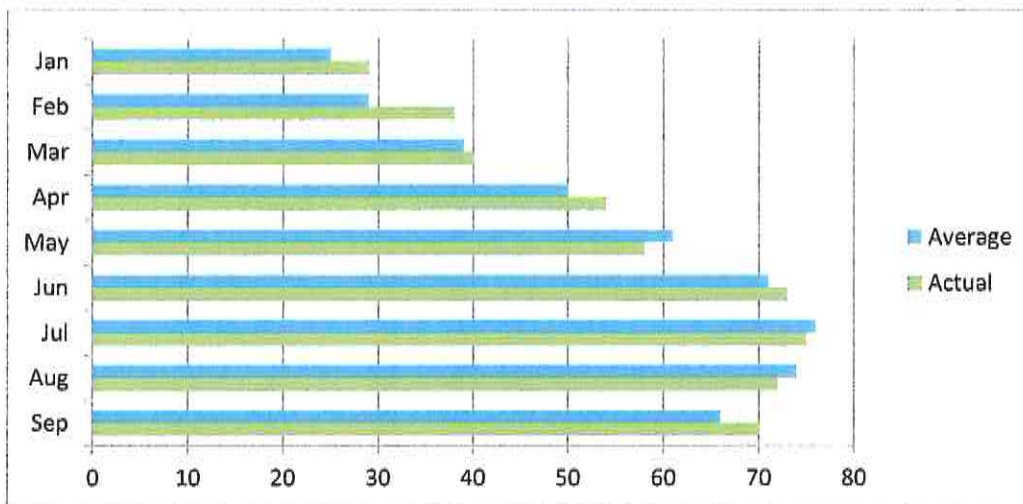


# Annual Program Update

## 2017 O'Hare International Airport (Chicago) Weather Survey

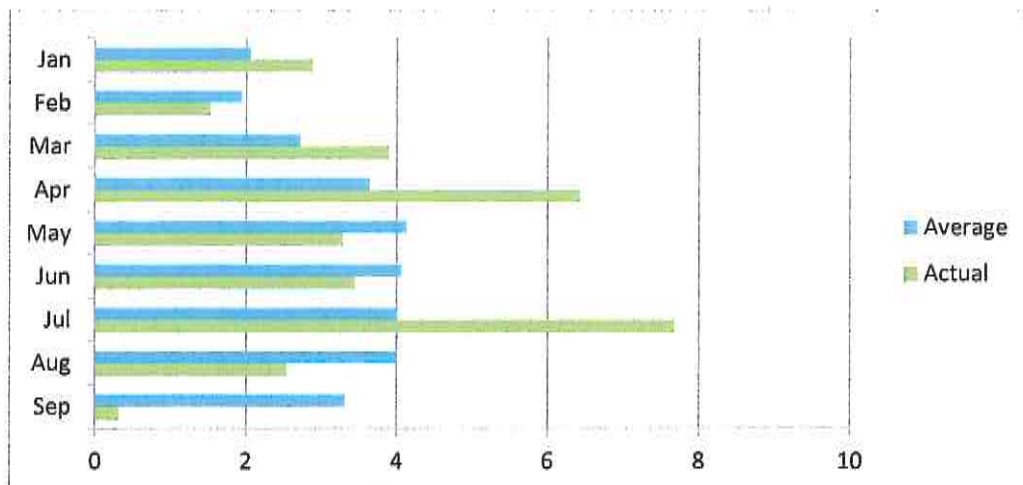
### Temperature (degrees Fahrenheit)

	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb	Jan
Actual	70	72	75	73	58	54	40	38	29
Average	66	74	76	71	61	50	39	29	25



### Precipitation (inches)

	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb	Jan
Actual	0.32	2.54	7.68	3.44	3.28	6.43	3.89	1.52	2.88
Average	3.31	3.99	4.01	4.06	4.13	3.64	2.72	1.94	2.06



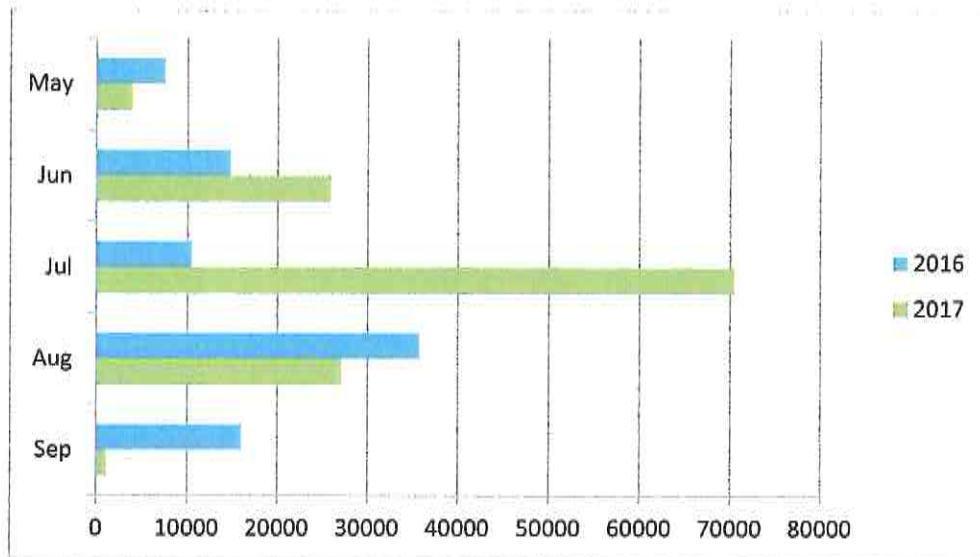


# Annual Program Update

## 2017 Mosquito Light Trap Network Target Species Comparison

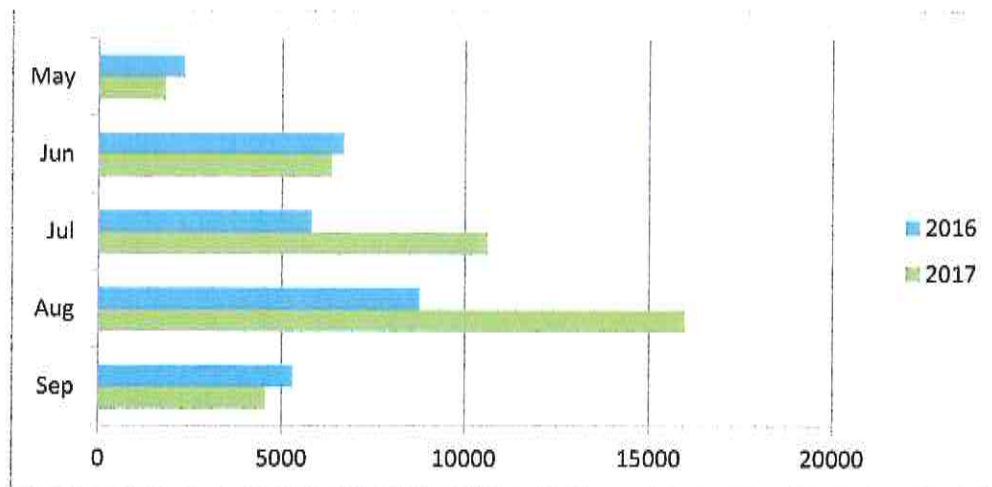
### *Aedes vexans*

	Sep	Aug	Jul	Jun	May
2017	1089	27088	70448	25906	3903
2016	16030	35729	10510	14815	7570



### *Culex pipiens* and *Culex restuans*

	Sep	Aug	Jul	Jun	May
2017	4554	15962	10608	6357	1789
2016	5310	8760	5816	6691	2327





## Surveillance Network

### *New Jersey Light Trap Network*



An important supplement to any mosquito control program is a New Jersey Light Trap. Developed in the 1930s, the trap helps determine species diversity and monitors mosquito populations. These traps are located in residential areas and are operated between dusk and dawn (the peak activity period for many species) and should be maintained each year to identify historic and habitual mosquito sites.

A 25-watt bulb in the trap attracts mosquitoes, which are drawn into the trap via an electric fan. Data generated by the trap catches serve several purposes: it confirms the arrival of predicted floodwater mosquito migrations, reflects the effectiveness of mosquito control efforts and identifies fluctuations in adult mosquito populations.

### *West Nile Virus Surveillance Trap*

A vital tool in adult mosquito and arbovirus surveillance is the West Nile virus, or gravid, trap. Developed by the Centers for Disease Control and Surveillance, the trap primarily collects gravid (*Culex*) mosquitoes (principal vectors of West Nile virus), which makes it particularly effective in tracking the disease. A gravid female mosquito has taken a blood meal and is ready to lay her eggs. Typically, (*Culex*) mosquitoes search for water rich in organic material to lay their eggs. If they've obtained their blood meal from an infected animal, they can transmit the virus to their eggs. The mosquitoes are captured live, which allows us to test them for arboviruses and get an early indicator that the virus is present in the area.



### *Centers for Disease Control and Prevention (CDC) Trap*



Mosquitoes looking for a blood meal are mainly attracted by carbon dioxide, exhaled by humans and animals. The CDC trap provides carbon dioxide as bait, though dry ice (frozen carbon dioxide), and a light source to attract female mosquitoes. This trap is set out at prime activity hours for the species targeted. A fan draws mosquitoes into a net and the live mosquitoes are trapped for arbovirus testing. CDC traps often show a very high species diversity and large overall mosquito numbers, indicating the presence of a mosquito-borne virus and relative indices of adult mosquito species.





# Annual Program Update

## Light Trap Species Summary

The following table summarizes the species composition from the light trap network operating in Northern Illinois.

Light Trap Species Summary				
<i>Species</i>	<i>Females</i>	<i>Percent</i>	<i>Males</i>	<i>Percent</i>
<i>Ae cinereus</i>	675	0.26%	301	0.45%
<i>Ae vexans</i>	128434	49.82%	34272	51.72%
<i>Ae misc</i>	2091	0.81%	2334	3.52%
<i>An punctipennis</i>	2515	0.98%	345	0.52%
<i>An quadrimaculatus</i>	14793	5.74%	1097	1.66%
<i>An species</i>	938	0.36%	87	0.13%
<i>Cq perturbans</i>	5321	2.06%	1007	1.52%
<i>Cx erraticus</i>	1774	0.69%	180	0.27%
<i>Cx pipiens</i>	1229	0.48%	237	0.36%
<i>Cx restuans</i>	8362	3.24%	3395	5.12%
<i>Cx species</i>	29671	11.51%	19334	29.18%
<i>Cx tarsalis</i>	210	0.08%	9	0.01%
<i>Cx territans</i>	1832	0.71%	1111	1.68%
<i>Cs inornata</i>	456	0.18%	265	0.40%
<i>Cs minnesotae</i>	21	0.01%	0	0.00%
<i>Cs species</i>	11	0.00%	28	0.04%
<i>Mosquito, Misc.</i>	897	0.35%	290	0.44%
<i>Oc excrucias</i>	4	0.00%	0	0.00%
<i>Oc grossbecki</i>	15	0.01%	7	0.01%
<i>Oc fitchii</i>	82	0.03%	56	0.08%
<i>Oc japonicus</i>	302	0.12%	195	0.29%
<i>Oc canadensis</i>	17	0.01%	21	0.03%
<i>Oc stimulans</i>	140	0.05%	25	0.04%
<i>Oc triseriatus</i>	347	0.13%	201	0.30%
<i>Oc trivittatus</i>	53724	20.84%	532	0.80%
<i>Oc. species</i>	109	0.04%	32	0.05%
<i>Or signifera</i>	32	0.01%	12	0.02%
<i>Ps ciliata</i>	45	0.02%	9	0.01%
<i>Ps ferox</i>	2253	0.87%	38	0.06%
<i>Ps columbiae</i>	5	0.00%	0	0.00%
<i>Ur sapphirina</i>	1513	0.59%	848	1.28%
<b>Total</b>	<b>257,818</b>	<b>100.00%</b>	<b>66,268</b>	<b>100.00%</b>

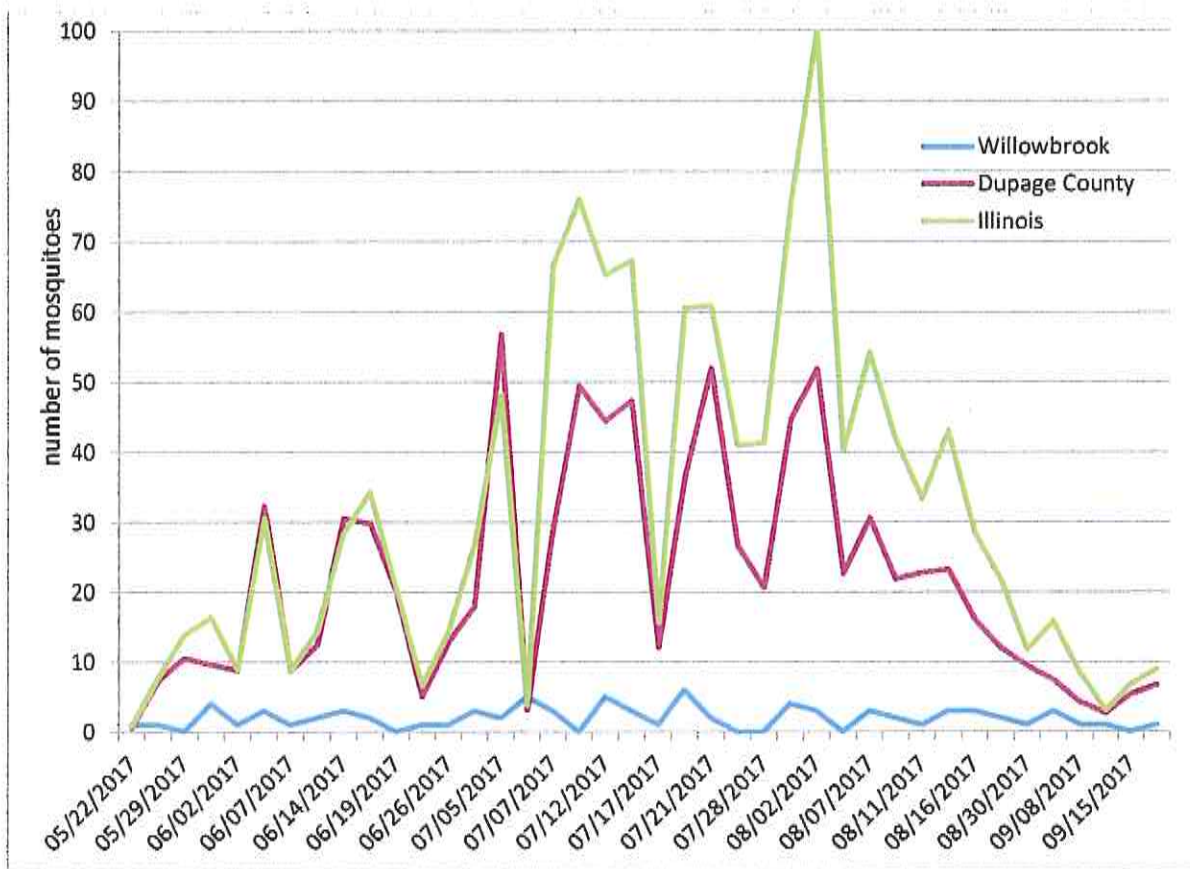
**Total Number of Mosquitoes: 324,086**



# Annual Program Update

## Light Trap Counts by Region, County and Community

Light Trap Comparison Chart





## Annual Program Update

### Services Performed Year-to-Date

Service Item	Service Item Description	Treatment Date
ROS2020 - Altosid XR BYCB Bike - 150 day	Backyard catch basin treatment for larval control.	04/26/2017
ROS2019 - Altosid XR CB Bike - 150 day	Treatment of catch basins with Altosid XR's for larval control	04/26/2017
ROS1302 - Targeted Site Larval Insp Serv	Inspection of all targeted larval development sites.	05/02/2017
ROS0952 - N.J. Light Trap Seasonal Serv	Seasonal Light Trap Service for adult mosquito population monitoring.	05/10/2017
ROS1302 - Targeted Site Larval Insp Serv	Inspection of all targeted larval development sites.	05/17/2017
ROS1252 - Complete Site Larval Insp Serv	Inspection service of all potential mosquito larvae development sites.	06/07/2017
ROS1302 - Targeted Site Larval Insp Serv	Inspection of all targeted larval development sites.	06/21/2017
ROS1302 - Targeted Site Larval Insp Serv	Inspection of all targeted larval development sites.	07/03/2017
ROS2888 - Biomist 3+15 Truck ULV	ULV application insecticide for adult mosquito control.	07/13/2017
ROS1252 - Complete Site Larval Insp Serv	Inspection service of all potential mosquito larvae development sites.	07/25/2017
ROS1302 - Targeted Site Larval Insp Serv	Inspection of all targeted larval development sites.	08/04/2017
ROS2888 - Biomist 3+15 Truck ULV	ULV application insecticide for adult mosquito control.	08/08/2017
ROS1305 - Culex Site Inspection Service	Inspection of culex mosquito larval development sites for the prevention of West Nile Virus and other mosquito-borne diseases.	08/16/2017
ROS2018 - Vectolex WSP CB Bike - 30 day	Treatment of catch basins with Vectolex WSP for larval control.	08/16/2017
ROS1305 - Culex Site Inspection Service	Inspection of culex mosquito larval development sites for the prevention of West Nile Virus and other mosquito-borne diseases.	08/31/2017
ROS1305 - Culex Site Inspection Service	Inspection of culex mosquito larval development sites for the prevention of West Nile Virus and other mosquito-borne diseases.	09/12/2017

### **Services Invoiced Per Contract:**

Services Invoiced Year-to-Date: \$32,039.10



**MUNICIPAL SERVICES COMMITTEE MEETING  
AGENDA ITEM SUMMARY SHEET**

**AGENDA ITEM DESCRIPTION**

**DISCUSSION – HVAC MAINTENANCE, VILLAGE FACILITIES**

**COMMITTEE REVIEW**

- ☐ Finance/Administration  
☒ Municipal Services  
☐ Public Safety

Meeting Date:

February 12, 2018

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Discussion<br><input type="checkbox"/> Seeking Feedback<br><input type="checkbox"/> Regular Report | <input checked="" type="checkbox"/> Approval of Staff Recommendation (for consideration by Village Board at a later date)<br><input type="checkbox"/> Approval of Staff Recommendation (for <u>immediate</u> consideration by Village Board)<br><input type="checkbox"/> Report/documents requested by Committee |
|--|--|

**BACKGROUND**

Prior to commencing with Phase I (Village Hall) and Phase II (police station) of the Village's Master Facilities Plan, the Village accepted a proposal from a heating ventilation and air conditioning (HVAC) contractor to perform preventative maintenance type services for each Village owned facility. During the time the Phase I and Phase II work was underway, we did not renew those contracts. Now that both facilities are completed and occupied, staff recommends that we once again hire a HVAC contractor to perform routine maintenance, on a quarterly basis, on the roof top units (RTUs), exhaust fans, and unit heaters within the various Village facilities.

**REQUEST FOR FEEDBACK**

Since we are now in need of a HVAC service agreement to cover all four (4) Village owned buildings, staff contacted Climated Service Group, a company that had previously reached out to us, to request a service agreement proposal. The following is a cost summary for a one-year HVAC service agreement, which includes operating inspections four (4) times a year, along with pre-season maintenance.

LOCATION	The Heat Engineering Co.
7760 Quincy Street (Police)	\$3,280
700 WB Cntr. Pkwy. (PW Garage)	\$1,230
825 Midway Drive (CRC)	\$1,819
835 Midway Drive (Village Hall)	\$2,131
<b>Annual Total Cost:</b>	<b>\$8,460</b>

Climated will also provide a 15% discounted labor rate (regular time), and a 10% material discount on repair parts.

**STAFF RECOMMENDATION**

Staff would recommend that we enter into a new HVAC maintenance service agreement with a reputable contractor. In order to compare rates, it is recommended that additional proposals be sought (a minimum of three) before a final recommendation is made. At this time, Climated is the only proposal that has been received. Once other proposals are received, they will be brought to the Municipal Services Committee for review.

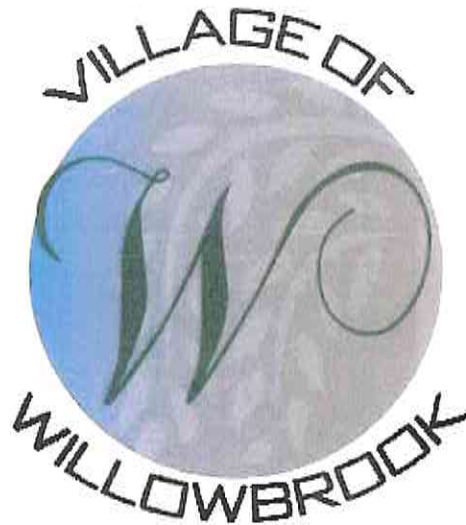


**Service-Group**

2315 Gardner Road  
Broadview, IL 60155  
Phone: (708) 449-8888  
[www.climatempservice.com](http://www.climatempservice.com)

# Preventive Maintenance Program

Prepared for



Village of Willowbrook  
835 Midway Drive  
Willowbrook, Illinois 60527

Proposal Number: 18JC-0112-317.1

RECEIVED

JAN 15 2018

VILLAGE OF  
WILLOWBROOK

## Program Investment

This Service Agreement is between Climatemp Service Group (CSG), and The Village of Willowbrook.

This Agreement will be in accordance with the following documents:

- Program Investment
- Program Features
- Scope of Maintenance
- Terms and Conditions
- Equipment Schedule

The Agreement will become effective on February 1, 2018; it has an initial term of one year, and will auto-renew in one year increments. Either party may terminate this Agreement at the conclusion of the initial term, or on any subsequent anniversary by giving the other party at least thirty (30) days prior written notice.

Police Station	7760 Quincy Street	\$3,280
Village Hall	835 Midway Drive	\$2,131
Public Works Garage	700 Willowbrook Centre Parkway	\$1,230
Community Resource Center	825 Midway Drive	\$1,819

The Village of Willowbrook's investment in this program will be \$8,460 per year, payable \$2,115 quarterly, and may be adjusted on subsequent anniversary dates with advanced notice.

Prepared By: James V. Capone

Date: 1/15/2018

**Accepted By**  
The Village of Willowbrook  
835 Midway Drive  
Willowbrook, Illinois 60527

**Approved By**  
Climatemp Service Group, LLC  
2315 Gardner Road  
Broadview, IL 60155

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

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

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

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

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

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

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

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



## Program Features

### Operating Inspections

Operating Inspections include those tasks necessary to confirm the proper operation of the equipment. CSG will provide **four** operating inspections per year, in accordance with the manufacturer's recommendations, and our own extensive experience. Our program includes all maintenance materials and supplies required to perform these procedures. Sample Maintenance tasks are detailed on attached "Scope of Maintenance" page(s).

### Pre-Season Maintenance

Pre-Season Maintenance includes the operating inspections and those tasks necessary to maintain the proper operation of the equipment for the upcoming season. This includes:

- A spring scheduled inspection for seasonal cooling equipment.
- A fall scheduled inspection for seasonal heating equipment.

### Discounts for Additional Services

CSG will extend special pricing on labor and material while supporting The Village of Willowbrook with repairs, service and replacement of equipment that is beyond the scope of this Agreement on either a quoted or time and material basis.

Discounted Labor Rate (straight time)	15%
Material Discount	10%

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### *Note: Service Calls*

*For services beyond the scope of this agreement there is a one-time vehicle charge per service call.*

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### Benefits

- Preferred response time and preferential service over all non-Agreement Customers.
- 24x7 emergency service on all equipment covered by this Agreement.
- Stock of many common repair parts on our service vehicles.
- Written service reports detailing maintenance activities, repairs and recommendations.
- Preparation of written quotations for major repairs.
- Operator training and assistance on all equipment covered by this Agreement.
- Consulting services regarding HVAC equipment energy efficiency and life cycle analysis.
- Design and budget price estimating service for HVAC equipment replacement.
- Over sixty years of HVAC maintenance, repair service and equipment installation experience.

## Scope of Maintenance

### Package HVAC Unit and Split System:



Four operating inspections, including preseason maintenance in the spring and fall.

- Change air filter media two times annually.
- Clean coils, evaporator drain pan, blowers, fans, motors and drain piping as required.
- Adjust temperature controls.
- Tighten electrical connections as required and test amperage.
- Lubricate fan motors and bearings as needed.
- Test and inspect economizer system, if applicable. Lubricate, adjust dampers and linkages during the cooling season.
- Replace belts once annually if applicable.
- Test refrigeration system for proper operating charge, pressures, and temperatures.
- Test operating and safety controls.
- Adjust lube oil level if applicable and test pressure.
- Inspect heat exchanger, blower, and combustion air openings during the heat season.

### Unit Heater:



Operating inspection and preseason maintenance to be done once annually in the fall.

- Lubricate fan motors and bearings as needed.
- Adjust and inspect burner.
- Test fire unit heater.
- Test operating and safety controls.
- Tighten electrical wirings and switches.
- Clean and inspect heat exchanger.
- Test and inspect pilot operation.

### Exhaust Ventilator:



Operating inspection done once annually.

- Lubricate fan motors and bearings as needed.
- Change belt once annually if applicable.
- Tighten electrical wirings and switches.
- Inspect fan wheel, damper blades, hinges, pins, and actuators.

### ***Optional Addition of Coil Washing:***

*Condenser coil washing, using water and a non-acid foaming cleaner containing the best available biodegradable ingredients, can be added to the Preventive Maintenance Program. This option includes the labor and materials needed to safely wash all the condenser coils at your facility. The price to add this option is \$2,664.*

\_\_\_\_\_ Initial here to accept this option.

### ***Note: Air Filters***

*We ask that we may store a one year supply of air filters at your facility, and ask to use your dumpsters for disposal of used filters.*

## **Terms and Conditions**

*Between The Village of Willowbrook (Customer) and Climatemp Service Group (CSG)*

1. **Payment** is due upon receipt of invoice. If an invoice becomes more than thirty days past due, a late fee of 1.5 percent per month may be charged. In the event that CSG must commence legal action in order to recover any amount payable under this Agreement, Customer shall pay CSG all court costs and reasonable attorney's fees incurred by CSG.
2. **Customer Agrees:**
  - a) To provide access to all equipment during CSG's normal working hours.
  - b) To allow CSG to start and stop equipment as necessary to perform required services.
  - c) That CSG is not responsible for any damages due to labor disturbances, fire, commercial delays, spoilage, loss of business, war, and/or acts of God, and circumstances beyond its control. It is expressly agreed that CSG assumes no liability for negligence, misuse, or failure whatsoever, other than CSG's failure to perform the services herein set forth, and under no circumstances shall the liability extend beyond the annual selling price of this Agreement.
  - d) Provide adequate trash disposal provisions for used filters, miscellaneous maintenance materials, and small parts.
3. **Asbestos, Mold and other Hazardous Materials.** The detection, identification, abatement, or removal of asbestos or mold, products containing asbestos or mold, or any other hazardous materials are not included in this Agreement.
4. **Indoor Air Quality.** CSG expressly disclaims any and all responsibility and liability for the indoor air quality of the Customer's facility.
5. **Early Termination.** If CSG approves of an early cancellation of this Agreement, Customer agrees to pay CSG for all labor expended and material/supplies used in the performance of this Agreement through the cancellation date.
6. **Indemnification.** To the fullest extent permitted by law, Customer shall indemnify and hold harmless CSG, its agent and employees from and against all claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from the performance of work hereunder, provided that such claim, damage, loss or expense is caused in whole or in part by an active or passive act or omission of Customer, anyone directly or indirectly employed by Customer, or anyone for whose acts Customer may be liable.

11/9/2016



## Equipment Schedule

### Willowbrook Police Station – 7760 Quincy Street

UNIT	TYPE OF EQUIPMENT	MFG	MODEL	SERIAL	TON	Unit Location
1	Package HVAC	Carrier	48TME008---501--	4107G20586	7.5	Roof
2	Package HVAC	Trane			5	Roof
3	Package HVAC	Trane	YSC092F3EHA1V	163710312L	7.5	Roof
4	Package HVAC	Carrier	48LCF006A2M5A0R3A0	0117C89281	5	Roof
5	Package HVAC	Carrier	48LCF005A2M5A0R3A0	0117C89279	4	Roof
6	Package HVAC	Carrier	48LCF006A2M5A0R3A0	011C89280	5	Roof
7	Package HVAC	Trane			7.5	Roof
8	Unit Heater	Sterling				Police Garage Near Roof Access
9	Unit Heater	Sterling				Police Garage Near Roof Access
10	Exhaust Fan					Roof
11	Exhaust Fan					Roof
12	Exhaust Fan					Roof
13	Exhaust Fan					Roof
14	Exhaust Fan					Roof

### Willowbrook Village Hall – 835 Midway Drive

UNIT	TYPE OF EQUIPMENT	MFG	MODEL	SERIAL	TON	Unit Location
1	Package HVAC	Trane	YSC092F3RMA09H0C1A1	143610433L	7.5	Roof
2	Package HVAC	Trane	YSC048E3RMA1SH0C1A1	143513433L	4	Roof
3	Package HVAC	Trane	YSC048E3RMA1ShH0C1A1	143513417L	4	Roof
4	Package HVAC	Trane	YSC092F3RMA09H0C1A1	143610419L	7.5	Roof
5	Package HVAC	Trane	YSC060E3RHA1NH0C1A1	143610275L	5	Roof

### Willowbrook Community Resource Center – 825 Midway Drive

\*was not able to access roof due to defective ladder, survey provided by accessing google earth\*

UNIT	TYPE OF EQUIPMENT	Unit Location
1	Package HVAC	Roof
2	Package HVAC	Roof
3	Package HVAC	Roof

Climatemp Service Group : Preventive Maintenance Program

**Willowbrook Public Works Garage – 700 Willowbrook Centre Parkway**

UNIT	TYPE OF EQUIPMENT	MFG	MODEL	SERIAL	TON	Unit Location
1	Furnace	York	MC48C3X41A	A0H8109073		Upstairs Mezzanine
2	Condensing Unit	York	TCQD42S4351A	W0D9704535E		
3	Unit Heater	Modine				
4	Unit Heater	Sterling				
5	Unit Heater	Sterling				
6	Unit Heater					
7	Unit Heater					
8	Unit Heater					

**MUNICIPAL SERVICES COMMITTEE MEETING  
AGENDA ITEM SUMMARY SHEET**

**AGENDA ITEM DESCRIPTION**

**REPORT – Kingery & 63<sup>rd</sup> Street STP Lighting Project  
Status Update**

**COMMITTEE REVIEW**

- ☐ Finance/Administration  
☒ Municipal Services  
☐ Public Safety

Meeting Date:

February 12, 2018

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Discussion Only | <input type="checkbox"/> Approval of Staff Recommendation (for consideration by Village Board at a later date)  |
| <input type="checkbox"/> Seeking Feedback           | <input type="checkbox"/> Approval of Staff Recommendation (for <u>immediate</u> consideration by Village Board) |
| <input type="checkbox"/> Regular Report             | <input type="checkbox"/> Report/documents requested by Committee  |

**BACKGROUND**

The Village previously applied for and was awarded grant funding through the Federal Surface Transportation Program (STP) to install both intersection and approach lighting at the Illinois Route 83 (Kingery Highway) and 63<sup>rd</sup> Street intersection. Kingery Highway is a state road, and the intersection does not currently meet warrant requirements for lighting. Therefore, our requests over the years for IDOT to install lighting have been denied. Ultimately, it was decided that available grant opportunities to install the improvement would be considered.

The engineer's total estimated cost of this project was \$521,730. Therefore, the grant will cover 70% of the eligible costs of the project not to exceed \$365,211, with the Village's local share amount being \$156,519. The project was included on IDOT's March 3, 2017 bid letting. The low bidder at that time was H&H Electric Company in the amount of \$345,048.10. Project bids came in significantly lower than expected. The contract was awarded on April 14, 2017 and the contract signed on April 27, 2017. A preconstruction meeting was held on May 16, 2017. It was expected that the project would commence in June of 2017 and be substantially completed by September of 2017. However, at the pre-con meeting, H&H Electric submitted a request for a 120-day time extension for delay of start, which is permissible under IDOT regulations (Article 801.08). Therefore, the start of construction on this project was delayed until October 2017, with a new expected completion date of Spring 2018. However, work did not commence in October. As a result, working days are being charged to the project as of October 10, 2017. On November 1, 2017, we received notification from H&H that they will try to begin the project the week of November 13th.

The contract for this project includes a total of ninety (90) work days. Thirty-one (31) work days have been charged so far. However, IDOT specifications preclude charging work days from December 1 until May 1 during the winter shutdown period. The project officially began on November 30, 2017 and H&H has made substantial progress since that time. The installation of the helix foundations were completed on January 31<sup>st</sup> and all pole setting was completed on February 2<sup>nd</sup>. Splicing continued throughout last week. We anticipate that the new poles would be energized perhaps early March, if not earlier.

**Documents attached:**

- Weekly Progress Report No.'s 12 through 17
- Traffic Control Inspection Report No.'s 1 through 10



**Illinois Department  
of Transportation**

**Weekly Report  
of Resident**

County: DUPAGE  
Section: 16-00023-00-LT

Report No: 12 Week Ending: 12/30/2017 % Complete: 14.00  
Contract Price: \$345,048.10 Estimated Completion Date: 7/10/2018  
Contractor: H&H Electric Company  
Contract Completion Date: Contract Working Days: 90.00  
Time Limit Extended To: Average Number of Persons Working: 0

Route: FAP 344  
District: 01  
Contract No. 61D67  
Job No. C-91-286-16  
Project: M-4003(743)

Execution 04/27/2017 Start 08/25/2017  
Resident Name: Thomas Brandstedt, P.E.

Reports  
Suspended:

Reports  
Resumed

Significant  
Completion:

Day	Date	Hours Worked	Controlling Item	Working Days Charged	Workable Days	Provide summary of Contractor's and Subcontractor's operations each day. Compare performance with Progress Schedule. A reason must be provided when less than a full working day is charged.
Sun	12/24/2017	0.00	Light Pole Foundation	0.00	0.00	No work performed.
Mon	12/25/2017	0.00	Light Pole Foundation	0.00	0.00	No work performed. X-Mas holiday
Tue	12/26/2017	0.00	Light Pole Foundation	0.00	0.00	No work performed.
Wed	12/27/2017	0.00	Light Pole Foundation	0.00	0.00	No work performed.
Thu	12/28/2017	0.00	Light Pole Foundation	0.00	0.00	No work performed.
Fri	12/29/2017	0.00	Light Pole Foundation	0.00	0.00	No work performed.
Sat	12/30/2017	0.00	Light Pole Foundation	0.00	0.00	No work performed.

Total This Week: 0.00 0.00  
Previous Total: 31.00 65.00  
Total To Date: 31.00 65.00

Will Contractor Complete project on time at present rate of progress? Yes  
If no - Why?  
Have you discussed rate of progress with Contractor this week?: Yes  
If no - Why?

Orig: Regional Engineer  
c.c: Contractor  
Bur. Construction  
Project File

Resident \_\_\_\_\_ (630) 878-1792

NOTE: If the Contractor disagrees with the working day charges, detailed reasons must be expressed in writing to the Regional Engineer within 7 days after receipt of report.





**Illinois Department  
of Transportation**

**Weekly Report  
of Resident**

County: DUPAGE  
Section: 16-00023-00-LT

Report No: 13 Week Ending: 1/6/2018 % Complete: 14.00  
Contract Price: \$345,048.10 Estimated Completion Date: 7/10/2018  
Contractor: H&H Electric Company  
Contract Completion Date: Contract Working Days: 90.00  
Time Limit Extended To: Average Number of Persons Working: 0

Route: FAP 344

District: 01  
Contract No. 61D67  
Job No. C-91-286-16  
Project: M-4003(743)

Execution 04/27/2017 Start 08/25/2017  
Resident Name: Thomas Brandstedt, P.E.

Reports  
Suspended:

Reports  
Resumed

Significant  
Completion:

Day	Date	Hours Worked	Controlling Item	Working Days Charged	Provide summary of Contractor's and Subcontractor's operations each day. Workable Compare performance with Progress Schedule. A reason must be provided Days when less than a full working day is charged.
Sun	12/31/2017	0.00	Light Pole Foundation	0.00	0.00 No work performed.
Mon	1/1/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed. Extreme temperatures.
Tue	1/2/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed.
Wed	1/3/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed.
Thu	1/4/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed.
Fri	1/5/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed.
Sat	1/6/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed.

Total This Week: 0.00 0.00  
Previous Total: 31.00 65.00  
Total To Date: 31.00 65.00

Will Contractor Complete project on time at present rate of progress? Yes  
If no - Why?  
Have you discussed rate of progress with Contractor this week?: Yes  
If no - Why?

Orig: Regional Engineer  
c.c: Contractor  
Bur. Construction  
Project File

Resident \_\_\_\_\_ (630) 878-1792

NOTE: If the Contractor disagrees with the working day charges, detailed reasons must be expressed in writing to the Regional Engineer within 7 days after receipt of report.



**Illinois Department  
of Transportation**

**Weekly Report  
of Resident**

County: DUPAGE  
Section: 16-00023-00-LT

Report No: 14 Week Ending: 1/13/2018 % Complete: 20.00  
Contract Price: \$345,048.10 Estimated Completion Date: 7/10/2018  
Contractor: H&H Electric Company  
Contract Completion Date: Contract Working Days: 90.00  
Time Limit Extended To: Average Number of Persons Working: 3

Route: FAP 344  
District: 01  
Contract No. 61D67  
Job No. C-91-286-16  
Project: M-4003(743)

Execution 04/27/2017 Start 08/25/2017  
Resident Name: Thomas Brandstedt, P.E.

Reports  
Suspended:

Reports  
Resumed

Significant  
Completion:

Day	Date	Hours Worked	Controlling Item	Working Days Charged	Provide summary of Contractor's and Subcontractor's operations each day. Workable Compare performance with Progress Schedule. A reason must be provided Days when less than a full working day is charged.
Sun	1/7/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed.
Mon	1/8/2018	8.00	Light Pole Foundation	0.00	1.00 H&H installed helix foundations on the southwest corner of 63rd street and Route 83.
Tue	1/9/2018	8.00	Light Pole Foundation	0.00	1.00 H&H directional bored across Route 83. H&H installed helix foundations at the southwest corner.
Wed	1/10/2018	8.00	Light Pole Foundation	0.00	1.00 H&H directional bored across 63rd Street and Route 83. Installed helix foundations at the southwest corner.
Thu	1/11/2018	8.00	Light Pole Foundation	0.00	1.00 H&H installed unit duct in light pole foundations.
Fri	1/12/2018	8.00	Light Pole Foundation	0.00	1.00 H&H installed unitduct and installed helix foundations.
Sat	1/13/2018	0.00	Light Pole Foundation	0.00	1.00 No work performed.

Total This Week: 0.00 6.00  
Previous Total: 31.00 65.00  
Total To Date: 31.00 71.00

Will Contractor Complete project on time at present rate of progress? Yes  
If no - Why?  
Have you discussed rate of progress with Contractor this week?: Yes  
If no - Why?

Orig: Regional Engineer  
c.c : Contractor  
Bur. Construction  
Project File

Resident \_\_\_\_\_ (630) 878-1792

NOTE: If the Contractor disagrees with the working day charges, detailed reasons must be expressed in writing to the Regional Engineer within 7 days after receipt of report.

Printed 1/15/2018 8:20:27 AM

BC 239 (Rev. 02/06/09)



**Illinois Department  
of Transportation**

**Weekly Report  
of Resident**

County: DUPAGE  
Section: 16-00023-00-LT

Report No: 15 Week Ending: 1/20/2018 % Complete: 63.00  
Contract Price: \$345,048.10 Estimated Completion Date: 7/10/2018  
Contractor: H&H Electric Company  
Contract Completion Date: Contract Working Days: 90.00  
Time Limit Extended To: Average Number of Persons Working: 4

Route: FAP 344  
District: 01  
Contract No. 61D67  
Job No. C-91-286-16  
Project: M-4003(743)

Execution 04/27/2017 Start 08/25/2017  
Resident Name: Thomas Brandstedt, P.E.

Reports  
Suspended:

Reports  
Resumed

Significant  
Completion:

Day	Date	Hours Worked	Controlling Item	Working Days Charged	Provide summary of Contractor's and Subcontractor's operations each day. Workable Compare performance with Progress Schedule. A reason must be provided Days when less than a full working day is charged.
Sun	1/14/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed.
Mon	1/15/2018	0.00	Light Pole Foundation	0.00	0.00 No work performed. Snowy.
Tue	1/16/2018	8.00	Light Pole Foundation	0.00	1.00 H&H set light poles and luminaires at the southwest corner of 63rd Street and Route 83.
Wed	1/17/2018	8.00	Light Pole Foundation	0.00	1.00 H&H set light poles on the north side of 63rd Street (east of route 83).
Thu	1/18/2018	8.00	Light Pole Foundation	0.00	1.00 H&H set light poles at the southwest corner of 63rd Street and Route 83.
Fri	1/19/2018	8.00	Light Pole Foundation	0.00	1.00 H&H continued setting light poles at the northwest corner of 63rd Street and Route 83
Sat	1/20/2018	0.00	Light Pole Foundation	0.00	1.00 No work performed.

Total This Week: 0.00 5.00  
Previous Total: 31.00 71.00  
Total To Date: 31.00 76.00

Will Contractor Complete project on time at present rate of progress? Yes  
If no - Why?  
Have you discussed rate of progress with Contractor this week?: Yes  
If no - Why?

Orig: Regional Engineer  
c.c: Contractor  
Bur. Construction  
Project File

Resident \_\_\_\_\_ (630) 878-1792

NOTE: If the Contractor disagrees with the working day charges, detailed reasons must be expressed in writing to the Regional Engineer within 7 days after receipt of report.



# Weekly Report of Resident

County: DUPAGE  
Section: 16-00023-00-LT

Report No: 16 Week Ending: 1/27/2018 % Complete: 63.00

Contract Price: \$345,048.10 Estimated Completion Date: 7/10/2018

Contractor: H&H Electric Company

Contract Completion Date: Contract Working Days: 90.00

Time Limit Extended To: Average Number of Persons Working: 3

Route: FAP 344

District: 01

Contract No. 61D67

Job No. C-91-286-16

Project: M-4003(743)

Execution 04/27/2017 Start 08/25/2017

Resident Name: Thomas Brandstedt, P.E.

Reports  
Suspended:

Reports  
Resumed

Significant  
Completion:

Day	Date	Hours Worked	Controlling Item	Working Days Charged	Workable Days	Provide summary of Contractor's and Subcontractor's operations each day. Compare performance with Progress Schedule. A reason must be provided when less than a full working day is charged.
Sun	1/21/2018	0.00	Light Pole Foundation	0.00	0.00	
Mon	1/22/2018	0.00	Light Pole Foundation	0.00	0.00	No work performed.
Tue	1/23/2018	0.00	Light Pole Foundation	0.00	1.00	H&H installed unitduct on the northeast corner of 6erd Street and Route 83.
Wed	1/24/2018	8.00	Light Pole Foundation	0.00	1.00	H&H installed unit duct at the southwest corner of Route 83 and 63rd Street.
Thu	1/25/2018	8.00	Light Pole Foundation	0.00	1.00	H&H installed unit duct at the southeast corner of Route 83 and 63rd Street.
Fri	1/26/2018	0.00	Light Pole Foundation	0.00	1.00	No work performed.
Sat	1/27/2018	0.00	Light Pole Foundation	0.00	1.00	No work performed.

Total This Week: 0.00 5.00  
Previous Total: 31.00 76.00  
Total To Date: 31.00 81.00

Will Contractor Complete project on time at present rate of progress? Yes

If no - Why?

Have you discussed rate of progress with Contractor this week? Yes

If no - Why?

Orig: Regional Engineer  
c.c.: Contractor  
Bur. Construction  
Project File

Resident \_\_\_\_\_ (630) 878-1792

NOTE: If the Contractor disagrees with the working day charges, detailed reasons must be expressed in writing to the Regional Engineer within 7 days after receipt of report.

Printed 1/29/2018 11:15:58 AM

BC 239 (Rev. 02/06/09)





**Illinois Department  
of Transportation**

**Weekly Report  
of Resident**

County: DUPAGE  
Section: 16-00023-00-LT

Report No: 17 Week Ending: 2/3/2018 % Complete: 79.00  
Contract Price: \$345,048.10 Estimated Completion Date: 7/10/2018  
Contractor: H&H Electric Company  
Contract Completion Date: Contract Working Days: 90.00  
Time Limit Extended To: Average Number of Persons Working: 5

Route: FAP 344

District: 01  
Contract No. 61D67  
Job No. C-91-286-16  
Project: M-4003(743)

Execution 04/27/2017 Start 08/25/2017  
Resident Name: Thomas Brandstedt, P.E.

Reports  
Suspended:

Reports  
Resumed

Significant  
Completion:

Day	Date	Hours Worked	Controlling Item	Working Days Charged	Workable Days	Provide summary of Contractor's and Subcontractor's operations each day. Compare performance with Progress Schedule. A reason must be provided when less than a full working day is charged.
Sun	1/28/2018	0.00	Light Pole Foundation	0.00	1.00	No work performed.
Mon	1/29/2018	8.00	Light Pole Foundation	0.00	1.00	H&H directional bored across Route 83 and 63rd Street.
Tue	1/30/2018	8.00	Light Pole Foundation	0.00	1.00	H&H finished installing unduct at the northeast corner of 63rd Street and Route 83. Began assembling poles at the northwest corner of Route 83 and 63rd Street. Continued with helix foundation on the northeast corner of 63rd Street and Route 83.
Wed	1/31/2018	8.00	Light Pole Foundation	0.00	1.00	H&H continued installing remaining helix foundations at the northeast corner of Route 83 and 63rd Street. H&H continued splicing poles.
Thu	2/1/2018	8.00	Light Pole	0.00	1.00	H&H installed light poles at the northwest, and southeast corners of 63rd Street and Route 83.
Fri	2/2/2018	8.00	Light Pole	0.00	1.00	H&H set light poles at the northeast corner of Route 83 and 63rd Street
Sat	2/3/2018	0.00	Light Pole	0.00	1.00	No work performed.

Total This Week: 0.00 7.00  
Previous Total: 31.00 81.00  
Total To Date: 31.00 88.00

Will Contractor Complete project on time at present rate of progress? Yes  
If no - Why?  
Have you discussed rate of progress with Contractor this week?: Yes  
If no - Why?

Orig: Regional Engineer  
c.c.: Contractor  
Bur. Construction  
Project File

Resident \_\_\_\_\_ (630) 878-1792

NOTE: If the Contractor disagrees with the working day charges, detailed reasons must be expressed in writing to the Regional Engineer within 7 days after receipt of report.

Printed 2/6/2018 1:59:01 PM

BC 239 (Rev. 02/06/09)



**Illinois Department  
of Transportation**

**Traffic Control  
Inspection Report**

**Inspection Report**

BSE 725 on File? ☒ Yes Est. Completion Date 7/10/18 County DuPage District 1 Date 12/11/17 Time 10:00 AM Report No. 1  
Job C-91-286-16 Section 16-00023-00-LT Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply			Description, Comments or Corrective Measures Recommended
	Condition	Location/ Placement	Night Visibility	General Effectiveness
Signs	G	G	G	G
Sign and Device Lights	G	G	G	G
Channelizing or Hazard Marking Devices	X	X	X	X
Pavement Markings	X	X	X	X
Arrow Board(s) and Changeable Message Signs	G	G	G	G
Temporary Traffic Signals	X	X	X	X
Temporary Barrier Wall	X	X	X	X
Flagger(s)	X	X	X	X
Comments on other items:				

Standard(s)  
Utilized:

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:  
cc: ☒ File ☒ RE or RT ☐ Field Engineer Submitted by: Thomas P. Brandstedt  
☐ Field ☐ Office Operations/Traffic Engineer Reviewed by:  
☒ Contractor ☐ Subcontractor



**Illinois Department  
of Transportation**

**Traffic Control  
Inspection Report**

**Inspection Report**

BSE 725 on File? ☒ Yes ☐ No Est. Completion Date 7/10/18 County     District 1 Date 12/18/17 Time 12:00 PM Report No. 2  
Job C-91-286-16 Section 16-00023-00-LT DuPage     Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply			Description, Comments or Corrective Measures Recommended
	Condition	Location/ Placement	Night Visibility	General Effectiveness
Signs	G	G	G	G
Sign and Device Lights	G	G	G	G
Channelizing or Hazard Marking Devices	X	X	X	X
Pavement Markings	X	X	X	X
Arrow Board(s) and Changeable Message Signs	G	G	G	G
Temporary Traffic Signals	X	X	X	X
Temporary Barrier Wall	X	X	X	X
Flagger(s)	X	X	X	X
Comments on other items:				

Standard(s)  
Utilized:

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:  
cc: ☒ File ☒ RE or RT ☐ Field Engineer Submitted by: Thomas R. Brandstedt  
☐ Field ☐ Office Operations/Traffic Engineer Reviewed by:  
☒ Contractor ☐ Subcontractor





# Illinois Department of Transportation

## Traffic Control Inspection Report

### Inspection Report

BSE 725 on File? Yes Est. Completion Date 7/10/18 County     District 1 Date 12/28/17 Time 3:00 PM Report No. 3  
Job C-91-286-16 Section 16-00023-00-LT Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply				Description, Comments or Corrective Measures Recommended
	Condition	Location/Placement	Night Visibility	General Effectiveness	
Signs	G	G	G	G	
Sign and Device Lights	G	G	G	G	
Channelizing or Hazard Marking Devices	X	X	X	X	
Pavement Markings	X	X	X	X	
Arrow Board(s) and Changeable Message Signs	G	G	G	G	
Temporary Traffic Signals	X	X	X	X	
Temporary Barrier Wall	X	X	X	X	
Flagger(s)	X	X	X	X	
Comments on other items:					Standard(s) Utilized:

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:  
cc: ☒ File ☒ RE or RT ☐ Field Engineer Submitted by: Thomas R. Brandstedt  
☐ Field ☐ Office Operations/Traffic Engineer Reviewed by:  
☒ Contractor ☐ Subcontractor



# Illinois Department of Transportation

## Traffic Control Inspection Report

## Inspection Report

BSE 725 on File? ☒ Yes ☐ No Est. Completion Date 7/10/18 County DuPage District 1 Date 1/4/18 Time 10:00 PM Report No. 4  
Job C-91-286-16 Section 15-00023-00-LT Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply			Description, Comments or Corrective Measures Recommended
	Condition	Location/ Placement	Night Visibility	
Signs	G	G	G	G
Sign and Device Lights	G	G	G	G
Channelizing or Hazard Marking Devices	X	X	X	X
Pavement Markings	X	X	X	X
Arrow Board(s) and Changeable Message Signs	G	G	G	G
Temporary Traffic Signals	X	X	X	X
Temporary Barrier Wall	X	X	X	X
Flagger(s)	X	X	X	X
Comments on other items:				
Standard(s) Utilized:				

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:  
cc: ☒ File ☒ RE or RT ☐ Field Engineer Submitted by: Thomas P. Brandstedt  
☐ Field ☐ Office Operations/Traffic Engineer Reviewed by:  
☒ Contractor ☐ Subcontractor



# Illinois Department of Transportation

## Traffic Control Inspection Report

### Inspection Report

BSE 725 on File? Yes Est. Completion Date 7/10/18 County DuPage District 1 Date 1/8/18 Time 12:00 PM Report No. 5  
Job C-91-286-16 Section 16-00023-00-LT Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply			Description, Comments or Corrective Measures Recommended
	Condition	Location/ Placement	Night Visibility	
Signs	G	G	G	G
Sign and Device Lights	G	G	G	G
Channelizing or Hazard Marking Devices	X	X	X	X
Pavement Markings	X	X	X	X
Arrow Board(s) and Changeable Message Signs	G	G	G	G
Temporary Traffic Signals	X	X	X	X
Temporary Barrier Wall	X	X	X	X
Flagger(s)	X	X	X	X
Comments on other items:				

Standard(s) Utilized:

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:

cc: ☒ File ☒ RE or RT ☐ Field Engineer Submitted by: Thomas R. Brandstedt  
☐ Field ☐ Office Operations/Traffic Engineer Reviewed by:  
☒ Contractor ☐ Subcontractor





# Illinois Department of Transportation

## Traffic Control Inspection Report

## Inspection Report

BSE 726 on File? ☒ Yes ☐ No Est. Completion Date 7/10/18 County DuPage District 1 Date 1/8/18 Time 12:00 PM Report No. 6  
Job C-91-286-16 Section 16-00023-00-LT Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply				Description, Comments or Corrective Measures Recommended
	Condition	Location/ Placement	Night Visibility	General Effectiveness	
Signs	G	G	G	G	
Sign and Device Lights	G	G	G	G	
Channelizing or Hazard Marking Devices	X	X	X	X	
Pavement Markings	X	X	X	X	
Arrow Board(s) and Changeable Message Signs	G	G	G	G	
Temporary Traffic Signals	X	X	X	X	
Temporary Barrier Wall	X	X	X	X	
Flagger(s)	X	X	X	X	
Comments on other items:					

Standard(s) Utilized:

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:

cc: ☒ File

☒ RE or RT

☐ Field Engineer

☐ Office

☐ Operations/Traffic Engineer

Submitted by:

*Thomas P. Brandstedt*

Reviewed by:



# Illinois Department of Transportation

## Traffic Control Inspection Report

## Inspection Report

BSE 725 on File? ☒ Yes Est. Completion Date 7/10/18 County DuPage District 1 Date 1/8/18 Time 11:00 PM Report No. 7  
Job C-91-286-16 Section 16-00023-00-LT Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply			Description, Comments or Corrective Measures Recommended
	Condition	Location/ Placement	Night Visibility	
Signs	G	G	G	G
Sign and Device Lights	G	G	G	G
Channelizing or Hazard Marking Devices	X	X	X	X
Pavement Markings	X	X	X	X
Arrow Board(s) and Changeable Message Signs	G	G	G	G
Temporary Traffic Signals	X	X	X	X
Temporary Barrier Wall	X	X	X	X
Flagger(s)	X	X	X	X
Comments on other items:				
Standard(s) Utilized:				

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:  
cc: ☒ File ☒ RE or RT ☐ Field Engineer Submitted by: Thomas R. Brandstedt  
☐ Field ☐ Office Operations/Traffic Engineer Reviewed by:  
☒ Contractor ☐ Subcontractor



**Illinois Department  
of Transportation**

**Traffic Control  
Inspection Report**

**Inspection Report**

BSE 725 on File? Yes Est. Completion Date 7/10/18 County 16-00023-00-LT District 1 Date 1/8/18 Time 10:00AM Report No. 8  
Job C-91-286-16 Section Street Lighting Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply				Description, Comments or Corrective Measures Recommended
	Condition	Location/Placement	Night Visibility	General Effectiveness	
Signs	F	G	G	G	Please check the sign at the west end of 63rd Street. The corner of the sign is bent.
Sign and Device Lights	G	G	G	G	
Channelizing or Hazard Marking Devices	X	X	X	X	
Pavement Markings	X	X	X	X	
Arrow Board(s) and Changeable Message Signs	G	G	G	G	
Temporary Traffic Signals	X	X	X	X	
Temporary Barrier Wall	X	X	X	X	
Flagger(s)	X	X	X	X	
Comments on other items:					

Standard(s)  
Utilized:

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:

cc: ☒ File ☒ RE or RT ☐ Field Engineer ☐ Operations/Traffic Engineer  
☐ Field ☐ Office ☐ Subcontractor

Submitted by: Thomas R. Brandstedt  
Reviewed by:



**Illinois Department  
of Transportation**

**Traffic Control  
Inspection Report**

**Inspection Report**

BSE 725 on File? Yes Est. Completion Date 7/10/18 County DuPage District 1 Date 1/8/18 Time 8:30 AM Report No. 9  
Job C-91-286-16 Section 16-00023-00-LT Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply			Description, Comments or Corrective Measures Recommended
	Condition	Location/ Placement	Night Visibility	
Signs	F	G	G	Please check the sign at the west end of 63rd Street. The corner of the sign is bent. Please check the sign at the east end of 63rd Street. The corner of the sign is bent.
Sign and Device Lights	G	G	G	
Channelizing or Hazard Marking Devices	X	X	X	
Pavement Markings	X	X	X	
Arrow Board(s) and Changeable Message Signs	G	G	G	
Temporary Traffic Signals	X	X	X	
Temporary Barrier Wall	X	X	X	
Flagger(s)	X	X	X	
Comments on other items:				

Standard(s)  
Utilized:

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:  
cc: ☒ File ☒ RE or RT ☐ Field Engineer Submitted by: Thomas P. Brandstedt  
☐ Field ☐ Office Operations/Traffic Engineer Reviewed by:  
☒ Contractor ☐ Subcontractor





# Illinois Department of Transportation

## Traffic Control Inspection Report

## Inspection Report

BSE 725 on File? ☒ Yes ☐ No Est. Completion Date 7/10/18 County DuPage District 1 Date 1/31/18 Time 10:30 AM Report No. 10  
Job C-91-286-16 Section 16-00023-00-LT Contract 61D67 Route FAP344  
Type of Work Street Lighting Location 63rd Street & Route 83  
RE/RT Thomas Brandstedt, P.E. Contractor H&H Electric

Traffic Control	Evaluate: (G) Good, (F) Fair, (D) Deficient, (X) Does Not Apply				Description, Comments or Corrective Measures Recommended
	Condition	Location/Placement	Night Visibility	General Effectiveness	
Signs	F	G	G	G	Please check the sign at the west end of 63rd Street. The corner of the sign is bent. Please check the sign at the east end of 63rd Street. The corner of the sign is bent.
Sign and Device Lights	G	G	G	G	
Channelizing or Hazard Marking Devices	X	X	X	X	
Pavement Markings	X	X	X	X	
Arrow Board(s) and Changeable Message Signs	G	G	G	G	
Temporary Traffic Signals	X	X	X	X	
Temporary Barrier Wall	X	X	X	X	
Flagger(s)	X	X	X	X	
Comments on other items:					Standard(s) Utilized:

Do any previously reported discrepancies still exist? ☐ Yes ☒ No If yes, describe:  
cc: ☒ File ☒ RE or RT ☐ Field Engineer Submitted by: Thomas E. Brandstedt  
☐ Field ☐ Office ☐ Operations/Traffic Engineer Reviewed by:  
☒ Contractor ☐ Subcontractor



EST. 1960

# Willowbrook

835 Midway Drive  
Willowbrook, IL 60527-5549

Phone: (630) 323-8215 Fax: (630) 323-0787 [www.willowbrookil.org](http://www.willowbrookil.org)

**Mayor**

Frank A. Trilla

**Village Clerk**

Leroy R. Hansen

**Village Trustees**

Sue Berglund

Umberto Davi

Terrence Kelly

Michael Misteale

Gayle Neal

Paul Oggerino

**Village  
Administrator**

Tim Halik

**Chief of Police**

Mark Shelton

MONTHLY REPORT  
MUNICIPAL SERVICES DEPARTMENT  
January, 2018

Permits Issued:

Demolition	2
Demolition, Interior	1
Fiber Optic Cable	1
Fire Loss	1
Foundation	1
Generator	1
Interior Build-out	1
Interior Remodel	1
Low Voltage Security System	2
New SFR	2
Re-occupancy	2
Sign, Illuminated	4
Water Heater	1
Water Service Disconnect	1
Windows/Doors	7

TOTAL 28

Plan Review Deposit Fee 3

Permit Revenue for January, 2018 \$62,793.69

Total Revenue Collected for Fiscal YTD \$419,696.42

Total Budgeted Revenue for Fiscal Year 2017/18 \$245,500.00

Total Percentage of Budgeted Revenue  
Collected to Date 170.96%

Certificate of Occupancy, Final	6
Certificate of Occupancy, Temporary	2

Respectfully submitted,

Timothy Halik  
Village Administrator

TH/mk



Proud Member of the  
Illinois Route 66 Scenic Byway

## MUNICIPAL SERVICES DEPARTMENT

## PERMIT REVENUE

Fiscal Year 2017/18

MONTH	CURRENT FISCAL YEAR 2017/18	PRIOR FISCAL YEAR 2016/17
MAY	\$ 74,721.15	\$ 28,379.31
JUNE	\$ 18,289.54	\$ 13,426.64
JULY	\$ 35,679.59	\$ 19,166.25
AUGUST	\$ 65,281.45	\$ 59,753.64
SEPTEMBER	\$ 47,252.63	\$ 62,997.75
OCTOBER	\$ 60,248.25	\$ 132,950.27
NOVEMBER	\$ 43,329.42	\$ 74,028.63
DECEMBER	\$ 12,100.70	\$ 9,337.62
JANUARY	\$ 62,793.69	\$ 40,260.12
FEBRUARY		\$ 25,544.07
MARCH		\$ 16,810.28
APRIL		\$ 16,072.18
COLLECTED REVENUE	\$ 419,696.42	\$ 498,726.76
BUDGETED REVENUE	\$ 245,500.00	\$ 232,500.00
REVENUES COLLECTED- (OVER)/UNDER BUDGET	\$ (174,196.42)	\$ (266,226.76)
PERCENTAGE OF BUDGETED REVENUE COLLECTED	170.96%	214.51%

MUNICIPAL SERVICES DEPARTMENT

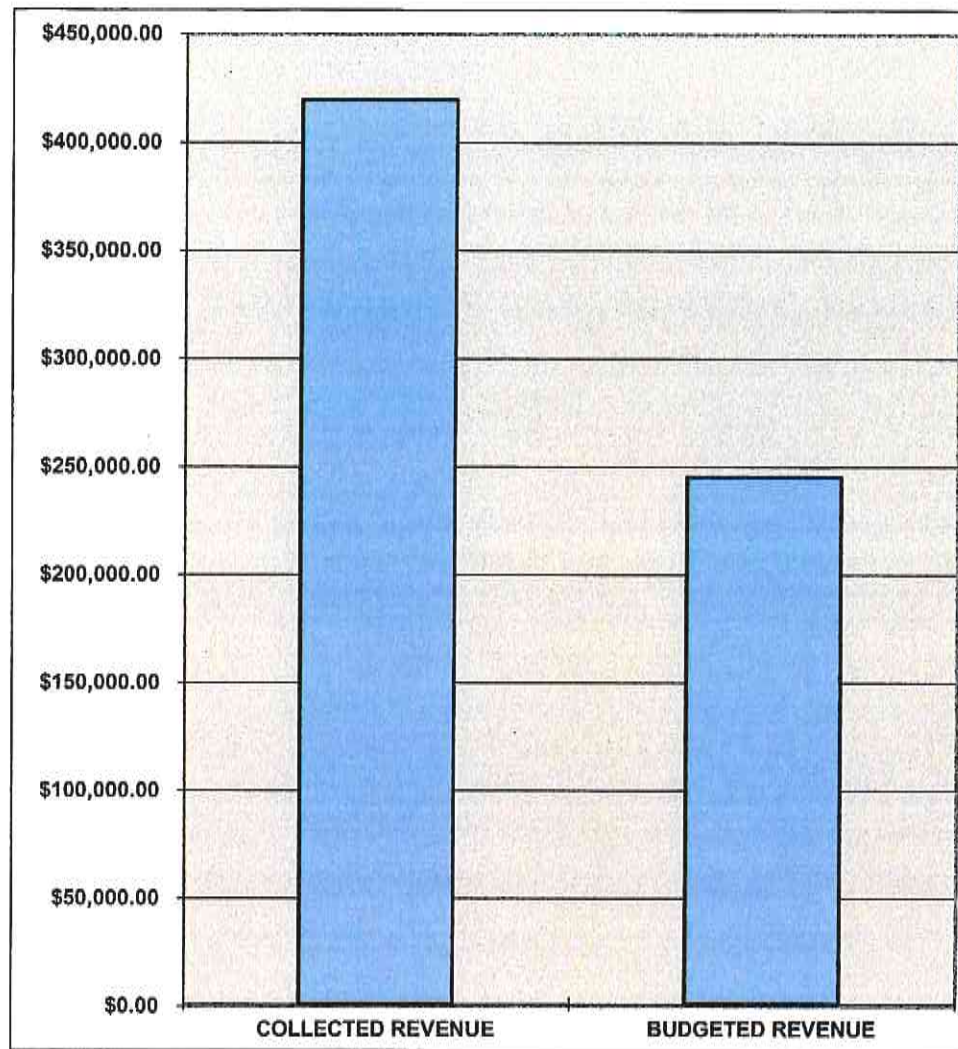
PERMIT REVENUE

	Fiscal Year 17/18	Fiscal Year 16/17
COLLECTED REVENUE	\$ 419,696.42	\$ 498,726.76
BUDGETED REVENUE	\$ 245,500.00	\$ 232,500.00



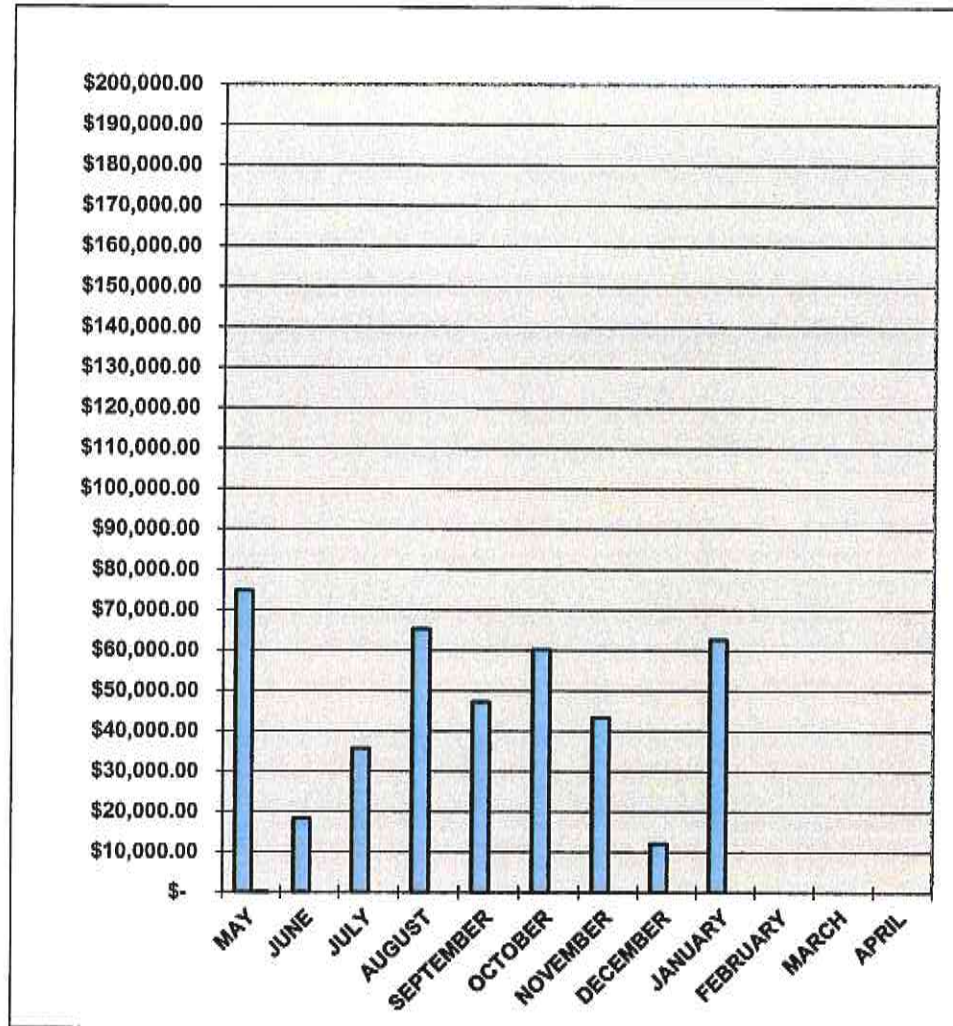
# MUNICIPAL SERVICES DEPARTMENT

## PERMIT REVENUE



# MUNICIPAL SERVICES DEPARTMENT

## PERMIT REVENUE



Permit	Date Issued:	Date Released:	Date Permit Expires:	Name:	Address:	Permit Purpose:	Business Name:	Fee:	RES / COMM:	Valuation:
18-001				Marhoob Ali Abbas	7000 S. Kingery Hwy	Plan Review	True North Energy LLC	\$ 1,000.00	C	
17-322	12/21/17	01/03/18	07/04/19	Dave Mihalik	6520 Arabian Circle	New SFR		\$ 8,957.00	R	\$ 750,988.00
18-002	01/04/18	01/04/18	07/05/19	Grzegorz Bien	7701 Clarendon Hills Rd	Demolition		\$ 1,250.00	R	
17-420	01/06/18	01/08/18	07/09/19	Rob Costello	810 75th St	Interior Build-out	Club Champion Golf	\$ 4,363.01	C	
17-343	10/03/17	01/08/18	07/09/19	Tracey Doherty	800 Plainfield Rd	Sign, Illuminated	Ultra	\$ 1,120.45	C	\$ 10,400.00
18-004	01/05/18	01/08/18	07/09/19	Saulius Bertulis	101 Lake Hinsdale Village	Window/Door		\$ 275	R	\$ 70,000.00
17-444	12/26/17	01/09/18	07/10/19	Vanessa Juarez	7827 Sugarbush Ln	Window/Door		\$ 75	R	\$ 17,723.00
17-443	12/22/17	01/09/18	07/10/19	Islah Ward	303 Waterford Dr	Generator		\$ 250	R	\$ 2,100.00
18-008	01/09/18	01/10/18	07/11/19	Ryan Kelly	725 75th St	Fiber Optic Cable	AT&T	\$ -	C	
18-007	01/09/18	01/10/18	07/11/19	Dutch Kaffel	7260 Adams St Unit B	Fire Loss	ARK Specialty Service	\$ 280.00	R	
18-009	01/10/18	01/10/18	07/11/19	Andy Schnepf	625 Joliet Rd	Foundation	Compass Real Estate	\$ 26,639.90	C	
18-006	01/09/18	01/10/18	07/11/19	David Friedman	621 Plainfield Rd	Re-occupancy	Proinsa Insurance	\$ 200.00	C	
17-421	11/27/17	01/10/18	07/11/19	Marcin Wolak	7510 S. Madison St	Sign, Illuminated	Morgan Harbour	\$ 506.25	C	\$ 10,000.00
18-005	01/09/18	01/12/18	07/13/19	Douglas Rzepka	7814 Brookbank Rd	Demolition		\$ 1,250.00	R	
18-012	01/12/18	01/12/18	07/13/19	Dan Caddigan	625 Willowbrook Center Pl	Re-occupancy	Meade	\$ 200.00	C	
17-381	01/15/18	01/23/18	07/24/19	Dave Mihalik	6530 Arabian Circle	New SFR		\$ 9,054.84	R	\$ 775,988.00
18-015				Nick Useini	617 68th St	Plan Review New SFR		\$ 750.00	R	
18-014	01/16/18	01/16/18	07/17/19	Nancy Becker	6666 Weather Hill Dr	Water Heater		\$ 50.00	R	
18-013	01/15/18	01/17/18	07/18/19	Joanne Krzysztofciak	6625 Snug Harbor Dr	Window/Door		\$ 75.00	R	\$ 7,082.00
18-016	01/18/18	01/18/18	07/19/19	Kelly Brichta	6510 Arabian Circle	Low Voltage Security System		\$ 50.00	R	\$ 1,284.00
18-017	01/18/18	01/17/18	07/18/19	Patrick Theisen	555 Plainfield Rd Ste F	Low Voltage Security System	Dynamic Growth Mave	\$ 100.00	C	\$ 359.00
18-003	01/05/18	01/18/18	07/19/19	Mary Clauss	810 75th St	Sign, Illuminated	Club Champion Golf	\$ 528.95	C	\$ 15,400.00
18-018	01/22/18	01/22/18	07/23/19	Tim Halik	825 Midway Dr	Demol, Interior	Village of Willowbrook	\$ -	M	\$ -
18-021	01/23/18	01/24/18	07/25/19	Nick Useini	617 68th St	Water Service Disconnect		\$ 100.00	R	\$ 250.00
18-019	01/23/18	01/25/18	07/26/19	Carole Braga	121 Windsor Ln Unit A	Window/Door		\$ 75.00	R	\$ 8,479.00
18-020	01/23/18	01/25/18	07/26/19	Emily Gomez	121 Windsor Ln Unit B	Window/Door		\$ 75.00	R	\$ 5,693.00
17-008	01/13/17	01/26/18	07/27/19	David Frobert	78 W. 63rd St	Sign, Illuminated	State Farm	\$ 259.00	C	
18-023	01/26/18	01/29/18	07/30/19	Rosemarie Massengale	600 Joliet Rd Unit H	Interior Remodel	Viscosity Oil	\$ 1,485.65	C	\$ 11,650.00
18-024	01/26/18	01/31/18	08/01/19	Grace Krohn	101 Lake Hinsdale Dr #413	Window/Door		\$ 75.00	R	\$ 19,579.00
18-022	01/23/18	01/31/18	08/01/19	Jim Janota	17 Lakeview Ct	Window/Door		\$ 75.00	R	\$ 12,584.00
18-027				Jim Snyder	7125 Kingery Hwy	Plan Review	Marshalls	\$ 6,000.00	C	

02/01/2018 12:09 PM  
User: JKufirin  
DB: Willowbrook

GL ACTIVITY REPORT FOR WILLOWBROOK  
FROM 01-00-310-401 TO 01-00-310-401  
TRANSACTIONS FROM 01/01/2018 TO 01/31/2018

Page: 1/1

Date	JNL	Type	Description	Reference #	Debits	Credits	Balance
Fund 01 GENERAL FUND							
01/01/2018			01-00-310-401 BUILDING PERMITS		BEG. BALANCE		(342,848.43)
01/03/2018	CR	RCPT	Building Dept. Invoice 01/03/2018			8,793.82	(351,642.25)
01/04/2018	CR	RCPT	Building Dept. Invoice 01/04/2018			1,250.00	(352,892.25)
01/05/2018	BD	TRX	SUMMARY BD 01/05/2018			1,120.45	(354,012.70)
01/08/2018	CR	RCPT	Building Dept. Invoice 01/08/2018			4,638.01	(358,650.71)
01/09/2018	CR	RCPT	Building Dept. Invoice 01/09/2018			325.00	(358,975.71)
01/10/2018	CR	RCPT	Building Dept. Invoice 01/10/2018			27,626.15	(386,601.86)
01/12/2018	CR	RCPT	Building Dept. Invoice 01/12/2018			1,450.00	(388,051.86)
01/16/2018	CR	RCPT	Building Dept. Invoice 01/16/2018			800.00	(388,851.86)
01/17/2018	CR	RCPT	Building Dept. Invoice 01/17/2018			75.00	(388,926.86)
01/18/2018	CR	RCPT	Building Dept. Invoice 01/18/2018			250.00	(389,176.86)
01/23/2018	CR	RCPT	Building Dept. Invoice 01/23/2018			7,891.66	(397,068.52)
01/24/2018	CR	RCPT	Building Dept. Invoice 01/24/2018			100.00	(397,168.52)
01/25/2018	CR	RCPT	Building Dept. Invoice 01/25/2018			150.00	(397,318.52)
01/29/2018	CR	RCPT	Building Dept. Invoice 01/29/2018			1,485.65	(398,804.17)
01/30/2018	CR	RCPT	Building Dept. Invoice 01/30/2018			6,000.00	(404,804.17)
01/31/2018	CR	RCPT	Building Dept. Invoice 01/31/2018			150.00	(404,954.17)
01/31/2018			01-00-310-401	END BALANCE	0.00	62,105.74	(404,954.17)



02/01/2018 12:09 PM

User: JKuffrin

DB: Willowbrook

GL ACTIVITY REPORT FOR WILLOWBROOK  
FROM 01-00-310-402 TO 01-00-310-402  
TRANSACTIONS FROM 01/01/2018 TO 01/31/2018

Page:

1/1

Date	JNL	Type	Description	Reference #	Debits	Credits	Balance
Fund 01 GENERAL FUND							
01/01/2018			<b>01-00-310-402 SIGN PERMITS</b>		BEG. BALANCE		{12,660.30}
01/18/2018	CR	RCPT	Building Dept. Invoice 01/18/2018			428.95	{13,089.25}
01/26/2018	CR	RCPT	Building Dept. Invoice 01/26/2018			259.00	{13,348.25}
01/31/2018			01-00-310-402	END BALANCE	0.00	687.95	{13,348.25}

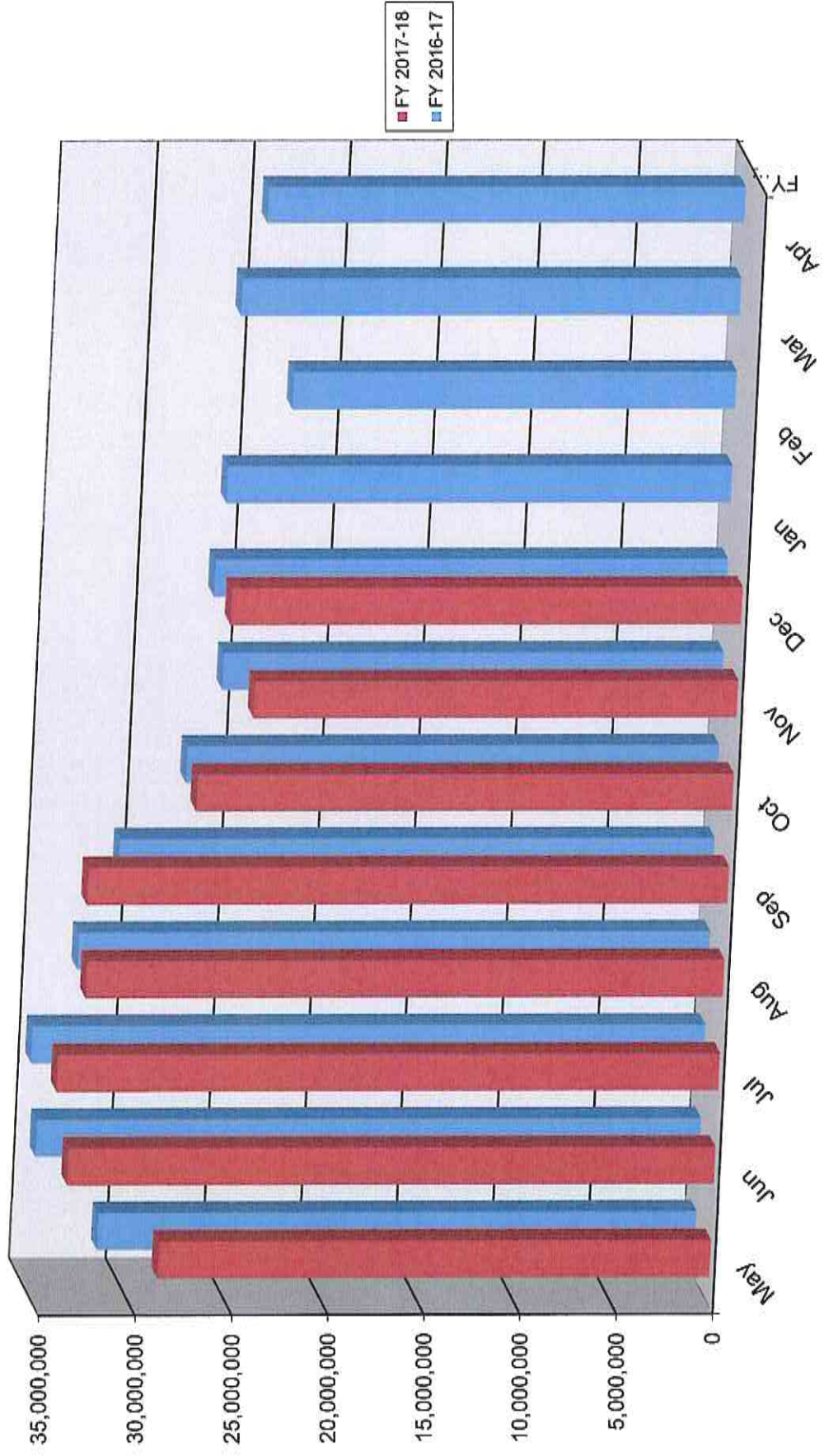
VILLAGE OF WILLOWBROOK - PUMPAGE REPORT  
TOTAL GALLONS PUMPED  
FY 2002/03 - FY 2017/18

Month	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
May	32,267,000	33,518,000	35,018,000	35,919,000	35,162,000	36,696,000	33,890,000	31,322,000	31,715,000	30,725,000	34,220,000	30,860,000	29,547,000	29,213,000	31,048,000	28,681,000
June	38,911,000	38,691,000	35,447,000	48,511,000	42,471,000	43,700,000	33,817,000	32,087,000	31,799,000	32,620,000	44,635,000	31,512,000	32,193,000	29,447,000	34,451,000	33,573,000
July	52,100,000	39,116,000	41,248,000	52,479,000	43,279,000	44,574,000	41,463,000	36,819,000	38,513,000	41,371,000	49,498,000	39,106,000	33,122,000	32,813,000	34,898,000	34,333,000
August	44,167,000	40,433,000	41,059,000	47,861,000	41,114,000	38,778,000	43,017,000	38,516,000	38,745,000	35,639,000	40,272,000	41,448,000	32,796,000	36,985,000	32,739,000	33,061,000
September	40,838,000	36,275,000	39,658,000	43,908,000	32,998,000	42,013,000	33,418,000	34,331,000	33,992,000	32,273,000	33,657,000	35,737,000	31,869,000	32,623,000	30,853,000	33,220,000
October	33,128,000	31,667,000	33,765,000	35,009,000	31,937,000	34,612,000	30,203,000	28,919,000	33,789,000	29,892,000	30,283,000	29,226,000	28,728,000	30,690,000	27,589,000	27,807,000
November	28,560,000	28,260,000	30,106,000	29,515,000	29,153,000	29,847,000	28,054,000	26,857,000	28,125,000	27,138,000	27,535,000	28,446,000	25,364,000	26,585,000	25,929,000	25,066,000
December	30,503,000	29,133,000	32,786,000	31,086,000	30,102,000	31,435,000	29,568,000	28,931,000	29,257,000	28,643,000	27,863,000	29,847,000	26,710,000	27,194,000	26,581,000	26,480,000
January	30,343,000	29,602,000	31,223,000	29,411,000	30,340,000	32,444,000	29,383,000	28,123,000	28,401,000	28,846,000	28,427,000	31,265,000	28,505,000	27,915,000	26,165,000	
February	27,216,000	28,755,000	26,768,000	27,510,000	29,078,000	29,470,000	26,629,000	25,005,000	24,988,000	26,635,000	24,308,000	29,230,000	25,484,000	26,048,000	22,962,000	
March	29,488,000	30,315,000	30,025,000	29,905,000	30,362,000	31,094,000	28,408,000	27,945,000	27,909,000	28,911,000	27,862,000	29,917,000	28,779,000	26,552,000	25,855,000	
April	29,845,000	29,350,000	29,478,000	30,452,000	29,468,000	30,239,000	27,193,000	27,793,000	27,145,000	34,220,000	27,514,000	28,101,000	25,255,000	26,791,000	24,720,000	
<b>TOTAL</b>	<b>417,366,000</b>	<b>395,115,000</b>	<b>406,581,000</b>	<b>441,564,000</b>	<b>405,464,000</b>	<b>424,902,000</b>	<b>385,043,000</b>	<b>366,648,000</b>	<b>374,378,000</b>	<b>376,913,000</b>	<b>396,074,000</b>	<b>384,695,000</b>	<b>348,352,000</b>	<b>352,856,000</b>	<b>343,790,000</b>	<b>242,221,000</b>

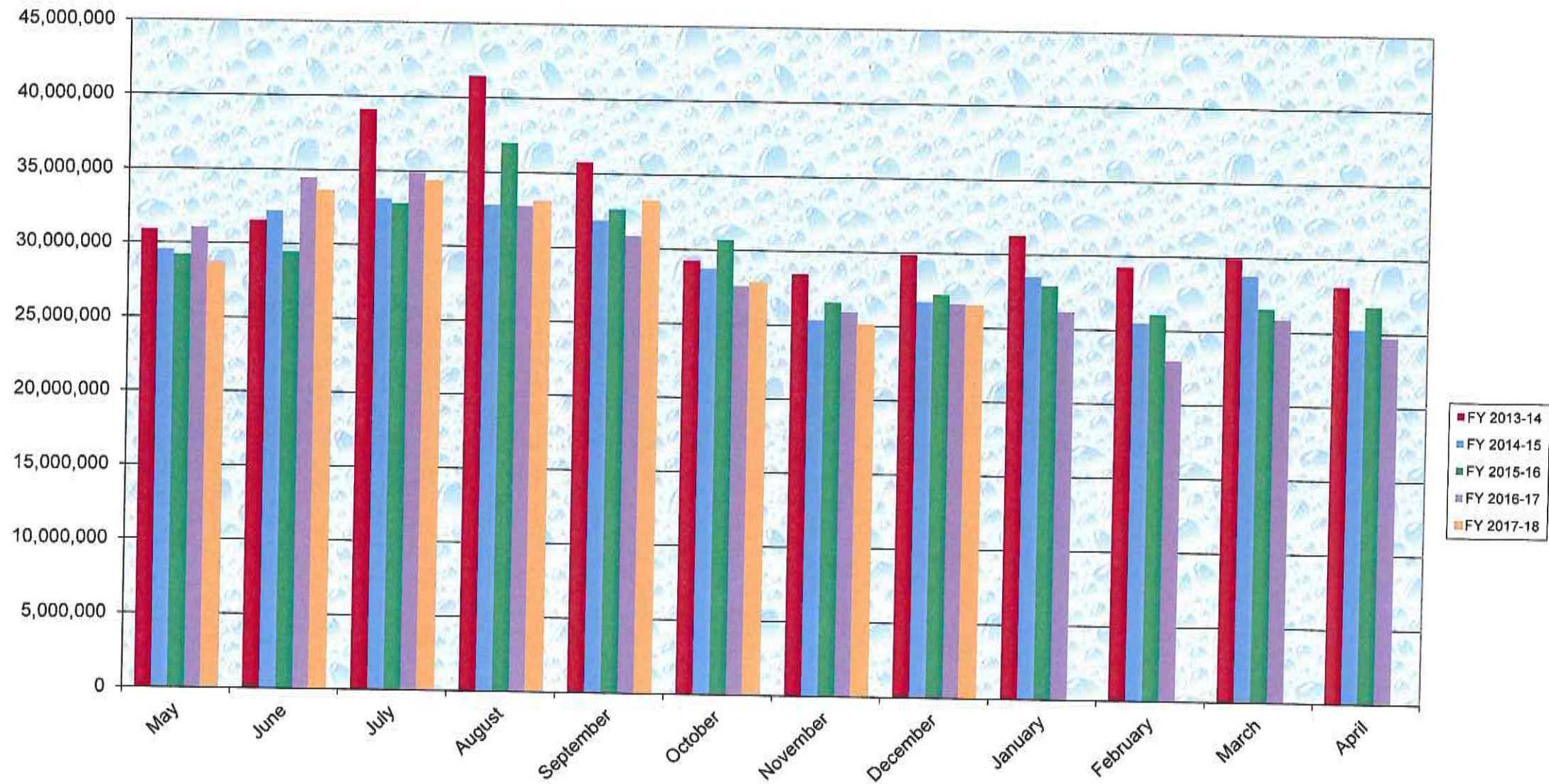
YEAR TO DATE LAST YEAR (gallons):	244,088,000
YEAR TO DATE THIS YEAR (gallons):	<u>242,221,000</u>
DIFFERENCE (gallons):	-1,867,000
PERCENTAGE DIFFERENCE (+/-):	-0.76%
FY17/18 PUMPAGE PROJECTION (gallons):	350,000,000
FY17/18 GALLONS PUMPED TO DATE:	<u>242,221,000</u>
CURRENT PERCENTAGE PUMPED COMPARED TO	69.21%

All table figures are in millions of gallons sold on a monthly basis per fiscal year.

Monthly Pumpage Chart



## Village of Willowbrook Pumpage Report





# CITY OF Willowbrook

## MONTHLY DATA REPORT

### Tons Collected by Month

	Refuse	Recyclables	Yard Waste	Paper Fiber	Commingled Containers
January-17	74.84	48.11		33.49	14.62
February-17	66.17	35.18		24.49	10.69
March-17	64.75	40.46		28.16	12.30
April-17	76.11	40.36	6.43	28.09	12.27
May-17	80.18	43.25	5.12	30.11	13.14
June-17	84.75	39.56	3.95	27.54	12.02
July-17	94.46	45.84	2.30	31.91	13.93
August-17	93.77	45.34	3.01	31.56	13.78
September-17	116.38	42.12	2.69	29.32	12.80
October-17	89.96	51.25	4.11	35.68	15.57
November-17	98.85	49.29	4.20	34.31	14.98
December-17	68.68	46.09	1.75	32.08	14.01
<b>Totals</b>	<b>1,008.90</b>	<b>526.85</b>	<b>33.56</b>	<b>366.74</b>	<b>160.11</b>
<b>Monthly Average</b>	<b>84.08</b>	<b>43.90</b>	<b>3.73</b>	<b>30.56</b>	<b>13.34</b>
<b>Weekly Average</b>	<b>19.40</b>	<b>10.13</b>	<b>0.86</b>	<b>7.05</b>	<b>3.08</b>

### Recycling Detail

Email To:

[ghummel@willowbrook.il.us](mailto:ghummel@willowbrook.il.us)

Percentage of Materials Collected



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