

Village of Lakewood
VILLAGE BOARD MEETING
AGENDA

Tuesday, July 9, 2019

7:00 p.m.

RedTail Golf Club, 7900 RedTail Drive, Village of Lakewood, IL

Please Note: This meeting is being audio recorded

Roll Call - Establish Quorum

Pledge of Allegiance to the Flag

Public Comments (Not to exceed 30 minutes as an item)

The Public is invited to make an issue-oriented comment on any matter of public concern. The Public Comment may be no longer than 3 minutes in duration. Interrogation of the Village Staff, Village President, Village Board or any of their comments will not be allowed at this time. Photography taken of the Village Board or other public body shall be done from a distance of at least twelve feet from each member of the Board or public body.

CONSENT AGENDA:

Note: Items under the Consent Agenda are considered and enacted on a single motion. There is no separate discussion of these items prior to the Board vote unless: 1) a Board Member requests that an item be removed from the Consent Agenda for separate action or 2) a citizen requests an item be removed and this request is, in turn, proposed by a member of the Village Board for separate action.

1. Request Approval of Minutes:
 - a. June 25, 2019 Regular Village Board Meeting
 - b. June 25, 2019 Executive Session Minutes
2. Request Approval of Bill Lists: None
3. Request Approval of Financial Statements: None
4. Items Removed from Consent Agenda - If Any

AGENDA ITEMS FOR DISCUSSION

5. Motion to Approve Ordinance No. 2019-(23) – An Ordinance Amending Various Sections of Chapter 15, Traffic, of the Lakewood Municipal Code

6. Reports and Comments: (To Begin No Later than 10:15 p.m.)

- a. Village Clerk
- b. Village Treasurer
- c. Chief Administrative Officer
- d. Chief of Police
- e. Village Attorney
- f. Village President
- g. Village Trustees

7. Other Business

8. Executive Session – If Needed

Closed Meetings: The Village Board may hold a closed meeting to consider, among other items, the following under the Illinois Open Meetings Act: 1) the appointment, employment, compensation, discipline, performance, or dismissal of specific employees of the Village, including hearing testimony on a complaint lodged against an employee to determine its validity; 2) collective negotiating matters between the Village and its employees or their representatives, or deliberations concerning salary schedules for one or more classes of employees; 3) the purchase or lease of real property for the use of the Village; including meetings held for the purpose of discussing whether a particular parcel should be acquired; and 4) litigation, when an action against, affecting or on behalf of the Village has been filed and pending before a court or administrative tribunal, or when the Village finds that an action is probable or imminent, in which case the basis for the finding shall be recorded and entered into the minutes of the closed meeting.

9 Motion to Approve Resolution No. 2019-(R21) – A Resolution Approving the Village Chief of Police Employment Agreement Between the Lakewood Chief of Police and the Village of Lakewood, McHenry County, Illinois

10. New Business

11. Adjournment (NO LATER THAN 10:30 P.M.)

The Village of Lakewood is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this Meeting and who require certain accommodations so that they can observe and/or participate in this Meeting, or who have questions regarding the accessibility of the Meeting or the Village's facilities, should contact the Village's ADA Coordinator at (815-459-3025) promptly to allow the Village to make reasonable accommodations for those persons.

**VILLAGE OF LAKEWOOD
VILLAGE BOARD MEETING MINUTES
JUNE 25, 2019**

The Village Board Meeting was called to order by President Stephan at 7:00 p.m. at RedTail Golf Club. Trustee Eddy, seconded by Trustee Ulrich, moved to permit Trustee Berman to participate in the Village Board Meeting via telephone due to employment purposes. Voice Vote: All Ayes. Nays: None. Motion declared carried.

Present were Trustees Berman, Eddy, Odom, and Ulrich. Trustee Augustine was absent. Also present were Chief Administrative Officer Jeannine Smith; Village Clerk Janice Hansen; Village Attorney Michael Smoron; Sgt. Paul Olzak; Business Analyst Sue Villie; and a few members of the public.

PUBLIC COMMENTS: Bill Moll of 7222 Braemar Circle thanked the Village Board, Administrator, and staff for the renovation at 9718 Partridge Lane. Landscapers mowed the lawn. Keep up the good work.

CONSENT AGENDA: The following were considered and enacted on a single motion by Trustee Ulrich, seconded by Trustee Odom:

APPROVAL OF MINUTES: June 11, 2019 Regular Village Board Meeting and June 11, 2019 Executive Session Minutes

APPROVAL OF BILL LIST: Accounts Payable Invoices Dated June 26, 2019 in the amount of \$66,723.05

APPROVAL OF FINANCIAL STATEMENTS: None

Voting Aye: Trustees Berman, Eddy, Odom, and Ulrich. Voting Nay: None. Absent: Trustee Augustine. Motion declared carried.

ITEMS REMOVED FROM THE CONSENT AGENDA: None.

APPROVAL OF THE APPOINTMENT OF BRYAN YOUNGE AS TRUSTEE THROUGH APRIL 2021 WITH THE ADVICE AND CONSENT OF THE VILLAGE BOARD:

Trustee Eddy, seconded by Trustee Odom, moved to approve the appointment of Bryan Younge as Trustee through April 2021 with the advice and consent of the Village Board. Voting Aye: Trustees Berman, Eddy, Odom, and Ulrich. Voting Nay: None. Absent: Trustee Augustine. Motion declared carried.

Attorney Michael Smoron administered the Oath of Office to Bryan Younge.

Village Board Meeting Minutes

June 25, 2019

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AUTHORIZATION FOR THE CHIEF ADMINISTRATIVE OFFICER TO EXECUTE A FINANCIAL ADVISORY AGREEMENT WITH PMA SECURITIES FOR REFUNDING GENERAL OBLIGATION BONDS (ALTERNATE REVENUE SOURCE) SERIES 2010A (WATERWORKS AND SEWERAGE REFUNDING BONDS) AND GENERAL OBLIGATION BONDS (ALTERNATE REVENUE SOURCE) SERIES B (WATERWORKS AND SEWERAGE BONDS): President Stephan commented that Mr. Andrew Kim of PMA Securities, Inc. gave an informative presentation in October 2018. The Trustees should have all the information needed to vote on this agenda item.

Trustee Ulrich, seconded by Trustee Eddy, moved to authorize the Chief Administrative Officer to execute a Financial Advisory Agreement with PMA Securities, Inc. upon attorney review and approval. Voting Aye: Trustees Berman, Eddy, Odom, Ulrich, and Younge. Voting Nay: None. Absent: Trustee Augustine. Motion declared carried.

REPORTS: President Stephan commented that the impact fee moratorium has produced an interested builder for 45 lots within Autumn Ridge Subdivision. The Village will have a commitment in September.

President Stephan and CAO Smith will meet with Crystal Lake Park District within the next couple of weeks.

President Stephan mentioned that the silo renovation will be completed by Thursday, June 27, 2019.

H. R. Green Engineers have assessed the water issues on Hampshire Drive and will present a proposed plan shortly.

President Stephan has received positive feedback regarding the Lake Avenue speed radar. It was the general consensus of the Board to continue speed radar 24/7.

President Stephan commented that the rehab of the boat launch on Lake 3 has been completed.

He also commented that the entry landscaping at the Reserves of Lakewood has also been completed.

Lake in the Hills residents will receive a \$5 golf discount at RedTail Golf Club.

The Board of Trustees are encouraged to visit RedTail Golf Club Wednesday night for an evening of music.

Village Board Meeting Minutes

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EXECUTIVE SESSION: At 7:23 p.m., Trustee Ulrich, seconded by Trustee Odom, moved to enter into Executive Session. Voting Aye: Trustees Berman, Eddy, Odom, Ulrich, and Younge. Voting Nay: None. Absent: Trustee Augustine. Motion declared carried.

Discussion ensued regarding the collective negotiating matters between the Village and its employees or their representatives, or deliberations concerning salary schedules for one or more classes of employees.

Trustee Odom, seconded by Trustee Ulrich, moved to exit Executive Session and return to the regular Village Board Meeting. Voting Aye: Trustees Berman, Eddy, Odom, and Ulrich. Voting Nay: None. Absent: Trustee Augustine. Motion declared carried. The Executive Session Meeting adjourned at 7:36 p.m.

REPORTS AND/OR ACTIONS FROM EXECUTIVE SESSION: None

With nothing further to discuss, Trustee Odom, seconded by Trustee Ulrich, moved to adjourn the meeting. Voting Aye: Trustees Berman, Eddy, Odom, Ulrich, and Younge. Voting Nay: None. Absent: Trustee Augustine. Motion declared carried. The Meeting adjourned at 7:37 p.m.

Janice S. Hansen
Village Clerk

Approved: _____

Dated: July 9, 2019

**VILLAGE OF LAKEWOOD
MINUTES OF EXECUTIVE SESSION
JUNE 25, 2019**

The Executive Session at RedTail Golf Club was called to order by President Stephan at 7:23 p.m. Present were President Stephan; Trustees Berman, Eddy, Odom Ulrich, and Younge. Trustee Augustine was absent. Also present were Chief Administrative Officer Jeannine Smith, Village Clerk Janice Hansen, and Village Attorney Michael Smoron, and Business Analyst Sue Villie.

Discussion ensued regarding negotiating matters between the Village and its employees or their representatives or deliberations concerning salary schedules for one or more classes of employees.

Trustee Odom, seconded by Trustee Ulrich, moved to exit Executive Session. Voting Aye: Trustees Berman, Eddy, Odom, Ulrich, and Younge. Voting Nay: None. Absent: Trustee Augustine. Motion declared carried. The Board exited Executive Session at 7:36 p.m.

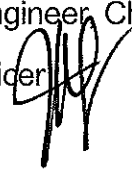
Janice Hansen
Village Clerk

Approved: _____

Dated: July 9, 2019

Memorandum

To: Honorable President Stephan and Board of Trustees
Village Clerk, Village Attorney, Village Engineer, Chief of Police

From: Jeannine Smith, Chief Administrative Officer 

Date: July 5, 2019

Re: Motion Authorizing Ordinance No. 2019-(23) Amending Various Sections of Chapter 15, Traffic, of the Lakewood Municipal Code

The Village has been approached by numerous residents about the speed limits along Bard Road and Longmoor Drive being too high for their location. The complaints range from walkers concerned for their safety along Bard Road as the current speed limit is 40mph on entering the Village limits to inconsistent speed limits throughout the area. Staff has been working with residents living within this section of the Village for the last year as you may recall when stop signs were installed at each corner of the intersection of Bannockburn Circle and Lynwood Lane in The Woods of Turnberry.

Background

President Stephan and I recently met with residents representing The Woods of Turnberry HOA who still have a concern with traffic along Longmoor Drive. Specifically, their concern is that motorists approaching their subdivision at 40mph are taking the turn too quickly and damaging property. They are also concerned with the inconsistency of the speed limits throughout their subdivision which lead into a neighboring Crystal Lake subdivision at the northern limit of Longmoor Drive.

President Stephan suggested we bring to the Village Board a request to reduce speed limits on Bard Road and Longmoor Drive from 40mph to 30mph and 30mph to 25mph respectively (see attached maps showing existing and suggested conditions). That is the ordinance before you this evening.

Analysis

The standards for speed limits and associated traffic control devices are governed by the Federal Highway Administration's Manual on Uniform Traffic Control Devices (MUTCD) as well as the Illinois Supplement to the MUTCD and the Illinois Vehicle Code (IVC). The MUTCD offers guiding principles to be given primary consideration in the selection of each device. They are:

Guidance:

02 To be effective, a traffic control device should meet five basic requirements:

A. Fulfill a need;

- B. Command attention;
- C. Convey a clear, simple meaning;
- D. Command respect from road users; and
- E. Give adequate time for proper response.

03 Design, placement, operation, maintenance, and uniformity are aspects that should be carefully considered in order to maximize the ability of a traffic control device to meet the five requirements listed in the previous paragraph. Vehicle speed should be carefully considered as an element that governs the design, operation, placement, and location of various traffic control devices. (Source: Section 1.A.02 Principals of Traffic Control Devices from <https://mutcd.fhwa.dot.gov/pdfs/2009r1r2/mutcd2009r1part1.pdf>)

The Illinois Supplement to the MUTCD also **suggests** the use of engineering guidance but does not require it. The language used within each of these documents regarding standards explicitly differentiates between the words should as permissive and shall as required:

Section 1A.13 Definitions of Headings, Words, and Phrases in this Manual Revise A. Standard to read:

A. Standard—a statement of required, mandatory, or specifically prohibitive practice regarding a traffic control device. All standards are labeled, and the text appears in bold type. The verb shall is typically used. The verbs “should” and “may” are not used in standard statements. Standard statements are sometimes modified by Options. Site-specific conditions may lead agencies to determine that it is impossible or impractical to comply with a Standard and that they must deviate from the requirement of a particular Standard at that location or others with the same condition. In such limited specific cases, the deviation is allowed, provided that the agency or official having jurisdiction fully documents the engineering reason for the deviation with an engineering study. (Source: *Illinois Supplement To The National Manual On Uniform Traffic Control Devices. (Page 3)*)

“Section 1A.09 Engineering Study and Engineering Judgment Guidance: The decision to use a particular device at a particular location should be made on the basis of either an engineering study or the application of engineering judgment. Thus, while this Manual provides Standards, Guidance, and Options for design and application of traffic control devices, this Manual should not be considered a substitute for engineering judgment. Engineering judgment should be exercised in the selection and application of traffic control devices, as well as in the location and design of the roads and streets that the devices complement. Jurisdictions with responsibility for traffic control that do not have engineers on their staffs should seek engineering assistance from others, such as the State transportation agency, their County, a nearby large Municipality, or a traffic engineering consultant.” (Source: *Illinois Supplement To The National Manual On Uniform Traffic Control Devices. (Page 3)*)

Additionally, the Illinois Vehicle Code differentiates between Urban and Rural districts as each has different standards for maximum speed limits. An urban area is defined as follows:

(625 ILCS 5/1-214.8) (from Ch. 95 1/2, par. 1-214.1)

Sec. 1-214.8. Urban area. An urban area is any incorporated or unincorporated area developed primarily for residential and/or business purposes.
(Source: P.A. 90-89, eff. 1-1-98.)

As the Village of Lakewood is an urban area, the maximum speed limit for the Village of Lakewood’s local roads is as follows:

(625 ILCS 5/11-601) (from Ch. 95 ½, par.11-601)

(c) Unless some other speed restriction is established under this Chapter, the maximum speed limit in an urban district for all vehicles is:

1. 30 miles per hour; and
2. 15 miles per hour in an alley.

Findings

Given the aforementioned standards for speed limits and their associated traffic control devices, Staff finds that:

With regard to Bard Road:

- 1) Bard Road is a residential road in the Village of Lakewood;
- 2) Bard Road is currently non compliant with the IVC as the existing speed limit is 40mph at the entrance to the Village and the maximum allowable is 30mph;
- 3) Bard Road does not meet the 5 basic requirements of traffic control devices in that the transition at the easternmost entryway to Bard at 35mph (McHenry County jurisdiction) to 40mph 1/4mile west at the Village limits to 30mph 1/3 mile west just past Turnberry Trail is not uniform and does not give adequate time for proper turning movements onto subdivision roads.

With regard to Longmoor Drive:

- 1) Longmoor Drive is a residential road in the Village of Lakewood;
- 2) Longmoor Drive's speed limit is set at 30mph and feeds into Columbine Street in the City of Crystal Lake where the speed limit is set at 25mph and therefore do not provide for uniformity as the termini of each road are the same.

Recommendation

In consideration of the standards set by the Federal Highway Administration's Manual on Uniform Traffic Control Devices (MUTCD), the Illinois Supplement to the MUTCD and the Illinois Vehicle Code (IVC) as well as the aforementioned findings, Staff respectfully requests and recommends a motion to adopt:

- Ordinance No. 2019-(23), An Ordinance Amending Various Sections of Chapter 15, Traffic, of the Lakewood Municipal Code as presented

ORDINANCE NO. 2019-(23)

**An Ordinance Amending Various Sections
of Chapter 15, Traffic,
of the Lakewood Municipal Code**

BE IT ORDAINED by the President and Board of Trustees of the Village of Lakewood, McHenry County, Illinois, as follows:

SECTION 1: That Section 15.03-A, Modification of State Speed Limit in Certain Zones, of the Lakewood Municipal Code shall be amended to read as follows:

15.03 MODIFICATION OF STATE SPEED LIMIT IN CERTAIN ZONES

It is hereby determined upon the basis of a traffic investigation that the speed permitted by the Illinois Vehicle Code upon the following streets is greater than is reasonable or safe under the conditions found to exist upon such streets and it is hereby declared that the maximum speed limit shall be as herein set forth on those streets or parts of streets herein designated when signs are erected giving notice thereof:

Speed Limit

25 miles per hour

30 miles per hour

Designated Roads(s)

Longmoor Drive

Bard Road (from the eastern Village limit to
Lock Glen Drive)

SECTION 2: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgement shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 3: All Ordinances or parts of Ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 4: All Ordinances or parts of Ordinances in conflict upon its passage, approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Ayes:

Nays:

Absent:

Abstain:

Bard Road and Longmoor Drive Analysis - existing conditions



Bard Road and Longmoor Drive Analysis - suggested conditions



Village of Lakewood



Client Manager:

Jason Fluhr
 jfluhr@baxterwoodman.com
 815-444-3222

Project Status Report Issued On: 7/3/2019

Project Title/Job	Project Manager	Completion Date	Tasks Completed This Period	Tasks Pending This Period	Items Waiting On Client	Status Date
Lake Ave STP Construction Services Job Number: [140645.60]	Craig Mitchell (815) 459-1260 cmitchell@baxterwoodman.com	9/29/2017	6/21/19 Waiting on final closeout paperwork from IDOT; 5/23/19 reviewed and checked with IDOT on final paperwork. 4/4/19 submitted paperwork to IDOT after audit. 3/20/19 working on final closeout, met with village to review costs. 2/14/19 checked with IDOT on final papers, waiting on confirmation of final documents from IDOT 1/16/19 final estimate sent to IDOT, working on closeout docs.	IDOT approval of final paperwork. IDOT likely to issue final invoice to Village in Village FY 19/20	Nothing at this time.	6/21/2019
General Engineering FY2020 Job Number: [160505.03]	Jason Fluhr (815) 459-1260 jfluhr@baxterwoodman.com	4/30/2020	Attended Huntley road drainage meeting with City of Crystal Lake	Assist Village as needed	Nothing at this time	7/2/2019
Digester Automation Job Number: [190470.10]	Joe Bappert (815) 459-1260 jbappert@goconcentric.com	10/31/2019	Cost estimate detailed - rough scope draft created	Run by client for go/no go		6/11/2019
Concentric Time and Material Support Services Job Number: [190752.00]	Jim Gramhofer (815) 459-1260 jgramhofer@goconcentric.com	5/26/2025		Replace failed WWTP Oxidation Ditch Aeration VFD		7/3/2019



Crystal Lake Fire Rescue Department

Monthly Progress Report

May 2019

Office of the Fire Rescue Chief – Paul DeRaedt

Emergency Operations Center - Call Log Training

On May 14th and 16th, training was held on a new Emergency Operations Center (EOC) Call Log system. During times of increased non-emergent calls to City Hall during a severe weather event, City staff tracks these calls in our EOC Call Log system for use by other City staff operating in the EOC.

The previous system utilized a Microsoft Access database that was developed specifically for the City's needs. The system was basic and had its limits.

The new EOC Call Log system utilizes the City's existing Gov QA tracking system. Gov QA is a web-based system the City uses for a variety of citizen requests for service.

The training that was held allowed our call takers to experience working in Gov QA, with which they are familiar, with the features of the previous call log system. Gov QA has proven to be a more stable, user-friendly tracking system. It allows City staff working in the EOC to more efficiently address both emergent and non-emergent calls for service during a severe weather event.

Automatic Vehicle Location (AVL) Activation

In May, we fully turned on our AVL within the CAD system. No longer will we have units dispatched by geographic still districts. The closest vehicle, based on GPS positioning, will be dispatched to the call. This technology will improve response times in many instances.

Incident Statistics - Battalion Chief William Whyte

Fire Rescue Department Calls for Service

During the month of May, the Crystal Lake Fire Rescue Department responded to **539** calls for service.

Incident Types	Count	% of Incidents
Fire	3	0.55%
Rescue and Emergency Medical Service Incidents	383	71.06%
Hazardous Conditions (No Fire)	16	2.97%
Service Call	34	6.31%
Good Intent Call	31	5.75%
Fire Alarm	72	13.36%
Severe Weather/Natural Disaster	0	0%
Total	539	100.00%

Jurisdiction	Count	% of Incidents
City of Crystal Lake	469	87.00%
CL Rural FPD	41	7.61%
Village of Lakewood	10	1.86%
Out of District	19	3.53%
Total	539	100.00%

Fire Prevention Bureau – Bureau Chief Robert Kohley

Life Safety Inspections

In May, the Fire Prevention Bureau completed **31** Life Safety Inspections.

Life Safety Inspections	April	May
Initial Inspections	44	19
Re-Inspections	25	12
Total	69	31

Plan Reviews

In May, the Fire Prevention Bureau completed **58** plan reviews. Listed below are the types and amounts completed:

Type of Review	April	May
Building Permit	32	23
Sprinkler System	9	8
Fire Alarm System	7	6
Wet Chemical	0	1
PUD	0	1
SUP	0	0
TUP	0	0
Variation	0	0
Cursory	4	2
FOIA	2	8
County-Residential	0	1
Special Event	2	8
Annexation	0	0
Total	56	58

Inspections / Code Enforcement

The Fire Prevention Bureau completed **78** inspections in May. Listed below are the types and amounts completed:

Inspection Type	April	May
Construction / Status	40	28
Fire Alarm	3	11
Sprinkler System	9	21
Hood or Other Suppression	0	0
Life Safety Follow Up /Target Hazard	12	4
Occupancy	10	6
Concerns / Condition Report	5	4
Special Event	0	2
Mobile Food Truck	4	2
Occupant Load	0	0
Total	83	78

Training Bureau – Bureau Chief Richard J. Kaiser Jr.

Training Bureau News

In May, required training included:

- SCBA Donning & Doffing
- Safety Message – Tower Ladder Safety
- Tender Road Course
- MABAS Boat Deployment
- Driver's Competency Course
- EMS-Mandated Reporter Training
- EMS-Winter Emergencies
- EMS-Continuing Education – Stress/Wellness

In May, training focused on the following:

- Pre-Plan Walkthrough – 111 S. Main St. (G&M Manufacturing)
- Ladder Inspection and Cleaning
- Hose Testing

Trainings Attended:

The following personnel have attended the listed training for personal development and/or certification:

Monthly TRT Drills/Fire Investigations:	
Hazmat Drills	Lt. Grischow, FF/PMs Linneman and Newton
Open Water Dive Drill	Lt. Bedore, FF/PMs Forsberg, Gualdoni, Kownacki, D. Williams, and Seyl
Fire Investigations Team	DC Olsen, Lt. Tamason, FF/PM Lucas, Inspector Lutherus
Sonar Drill	Lt. Cook, FF/PMs Kauke and Marino
Trench Drill	Lt. Grischow, FF/PMs Borst, Gualdoni, Seyl, Kaltenbach, and Bucheger
Confined Space Drill	Lts Volenec and Grischow, FF/PMs Borst, Seyl, and Bucheger
Technical Rescue Team Drill	Lt. Grischow, FF/PMs Gualdoni and Bucheger

Additional Education:	
Structural Collapse Operations	FF/PMs Kerley, Klug, Leuck, Ryan, and D. Williams
Fire Prevention Job Shadowing	BC Kopera
Chief Fire Officer	BC Larsen
Swift Water Technician	Lt. Bedore, FF/PMs Forsberg, Kownacki, Seyl, and D. Williams
Fire and Life Safety Plan Review	BC Kopera
EMS Council Meeting	Lt. Olsen

Special Teams – Lieutenant Dan Grischow

Technical Rescue

Most cities and towns, including Crystal Lake, have numerous confined spaces used by their public works departments. In May, TRT Technicians trained on confined space rescue.

Confined Space (definition):

- A space with limited or restricted means of entry or exit
- Large enough for a person to enter to perform tasks
- Not designed or configured for continuous occupancy
- Has potential for a significant hazard to be present.

Hazardous Materials

In May, Hazardous Materials Technicians were put in the “hot zone” by attending Level A suit drills in Wauconda. Level A suits provide the highest level of protection against hazardous materials. The suits are made of special materials that will not degrade when exposed to certain chemicals. Although MABAS 4 & 5 Hazardous Materials Teams carry several different suits to protect against a wide variety of chemicals, it is impossible to stock suits for everything. Technicians donned their one-hour SCBA’s, and fully encapsulated Level A suits for a series of tasks. These tasks ranged from simple manipulative skills, to stopping a simulated leak in a chlorine tank.

On May 3rd, Waukegan Fire requested the response of MABAS 4 & 5 Hazardous Materials Teams to a fatal silicone factory explosion. Hazardous

materials technicians assisted throughout the night with decontamination of firefighters from exposure to the chemicals used at the site.

Dive Rescue Team – Lt. Christopher Bedore

Dive Rescue News

In May, the Crystal Lake Fire Rescue Dive Team had no incidents. The Crystal Lake Fire Rescue Dive Team assisted the staff at Three Oaks Recreation Area in deploying the buoys for the swim area. Divers used wireless communication and the buddy system for dive operations. Divers also used photos taken from an aerial drone the previous year to help place the swim buoys in the right location. Divers reached a depth of approximately 30' with 25' of visibility. Divers noted a healthy fish population with Walleye, Bass, Northern, and Catfish visible on the dive.

Members of the Crystal Lake Fire Rescue Dive team also participated in becoming Swift Water certified at a class through ERDI in Romeoville, IL.



Emergency Medical Services (EMS) – Lieutenant Heidi Olsen

EMS Statistics for May 2019

Service Provided	# of EMS Patients	% of EMS Patients
Advanced Life Support	190	45.90%
Basic Life Support	224	54.10%
Total	414	100.00%
EMS Incident Outcome	# of EMS Patients	% of EMS Patients
Hospital Transport	301	72.70%
Non-Transport	113	27.30%
Total	414	100.00%
Destination	# of EMS Patients	% of EMS Patients
Northwestern Medicine - Huntley	110	26.50%
Northwestern Medicine - McHenry	93	22.50%
Northwestern Medicine - Woodstock	52	12.60%
Good Shepherd	38	9.20%
Sherman	8	1.90%
Non-Transport	113	27.30%
Transport – Other Agency	0	0.00%
Total	414	100.00%

Public Education – Karyn Payton, Public Education Coordinator

Listed below is a breakdown of public education events and participants for May 2019:

Type of Education	Number of Events	Total Participants
Preschool Talk	1	20
Safety Talk	2	159
Safety House	1	105
Total	4	284

