



500 West Big Beaver
Troy, MI 48084
troymi.gov



CITY COUNCIL AGENDA ITEM

Date: August 30, 2021

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Richard Riesterer, Fire Chief
Paul Firth, Assistant Fire Chief / Fire Marshal

Subject: Firework Display Permit – 2021 Troy Family Daze Festival

History

Great Lakes Fireworks, LLC of Eastpointe, Michigan, has submitted a permit application for a public firework display to support the annual Troy Family Daze Festival. North Woodward Community Foundation / Troy Family Daze Festival Committee and Great Lakes Fireworks are requesting the Troy City Council grant a permit for a public firework display to occur on Saturday September 18, 2021, with a rain date of Sunday September 19, 2021, at 9:30 PM. The fireworks will be discharged from the west side of the Troy Community Center, located at 3179 Livernois, Troy, MI. The Community Center property is large enough to accommodate the necessary distances required for the display.

Legal Considerations

Michigan law requires that before anyone can conduct a fireworks display, a permit must be obtained from the local unit of government. The law states that any person or group that would like to conduct a fireworks display must apply to the local unit of government for a permit. The law defines local unit of government as the council or commission of a city or village, or the township board of a township. Great Lakes Fireworks, LLC, therefore, is requesting that City Council grant a permit for a public firework display to occur at the Troy Community Center, on the evening of Saturday September 18, 2021, with a rain date of Sunday September 19, 2021, at 9:30 PM. Great Lakes Fireworks, LLC has provided the required proof of insurance in the amount of \$5M.

Recommendation

The Fire Department has reviewed the permit application and recommends that City Council approve a firework permit for Great Lakes Fireworks, LLC. Enclosed for Council's review is the permit application and supporting documentation, along with the permit itself to be signed and issued. The Fire Department will inspect the display and ensure that adequate safety measures are enforced.

Legal Review

This item was submitted to the City Attorney for review pursuant to City Charter Section 3.17.



500 West Big Beaver
Troy, MI 48064
troymi.gov

FIREWORKS PERMIT APPLICATION

Fire Prevention Division
248.524.3419

This permit application is for the ignition, discharge, and use of consumer fireworks; agricultural or wildlife fireworks; articles pyrotechnic; display fireworks; or special effects fireworks, in the City of Troy, at the listed location as defined by Michigan Act 256, PA 2011, titled, "Michigan Fireworks Safety Act" and stipulated by Troy City Code, Chapter 93, titled "Fire Prevention." This application permit must be filed no less than 30 days prior to the intended date of such ignition, discharge, or use, and shall be accompanied by a site plan and product inventory. A **\$180.00** application fee is to be paid upon submittal of this application. Make check or money order payable to the City of Troy. The approved permit shall expire 10 days from the date of issue and shall be on site while fireworks are being used. **Fireworks shall not be discharged between the hours of 11PM and 8AM.**

Application Date: 08/03/21

Applicant Name: Troy Family Daze Festival / Troy Community foundation Date of Birth: _____

Applicant Address: P. O. Box 861 Troy MI 48099 Phone: (248) 840-0066

Date(s) of Use: 09/18/21 to: 09/19/21 Time(s) of Use: 9:30 pm to: 10:00 pm

Address of where fireworks are to be used: 3179 Livernois, Troy MI 48084 Athletic Field

ITEMS TO SUBMIT *(Electronically, If Possible):*

Fireworks Description: ☒ Insurance Documents: ☒ Site Plan: ☒ HMIS: ☒

I hereby acknowledge that I have read this permit application and that the information given is correct. I understand that if approved, the permit is non-transferable. I further understand that the permit application fee is non-refundable and will not be returned if this application is denied.

This permit application shall include an approved Hazardous Materials Inventory Statement (HMIS) upon submittal and may be subject to associated fees, payable to the City of Troy, upon issuance of this permit. The HMIS, and its directions, can be found on the internet at: http://troymi.gov/departments/fire_department/permit_applications.php

Applicant Signature:  Date Signed: 8/3/21

(This section to be completed by Fire Department)

Inspection Date: 9/18/2021 Requirements Met: Yes No

Inspector: 803/805 Permit Approved: Yes No Date: _____

Permit Issue Date: _____ Permit #: PFW2021-0064 Premise #: 0064-0080

Terms & Conditions: SUBJECT TO SITE VISIT

2021 Application for Fireworks Other Than Consumer or Low Impact

FOR USE BY LEGISLATIVE BODY
OF CITY, VILLAGE OR TOWNSHIP
BOARD ONLY

DATE PERMIT(S) EXPIRE:

Authority: 2011 PA 256

The LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD will not discriminate against any individual or group because of race, sex, religion, age, national origin, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc. under the Americans with Disabilities Act, you may make your needs known to this Legislative Body of City, Village or Township Board.

TYPE OF PERMIT(S) (Select all applicable boxes)

☐ Agricultural or Wildlife Fireworks

☒ Public Display

☐ Special Effects Manufactured for Outdoor Pest Control or Agricultural Purposes

☐ Articles Pyrotechnic

☒ Display Fireworks

☐ Private Display

NAME OF APPLICANT

North Woodward Community Foundation

ADDRESS OF APPLICANT

1120 E. Long Lake Rd, Troy, MI 48085

AGE OF APPLICANT 18 YEARS OR OLDER

☒ YES ☐ NO

NAME OF PERSON OR RESIDENT AGENT REPRESENTING CORPORATION, LLC, DBA OR OTHER

ADDRESS OF PERSON OR RESIDENT AGENT REPRESENTING CORPORATION, LLC, DBA OR OTHER

IF A NON-RESIDENT APPLICANT (LIST NAME OF MICHIGAN ATTORNEY OR MICHIGAN RESIDENT AGENT)

ADDRESS (MICHIGAN ATTORNEY OR MICHIGAN RESIDENT AGENT)

TELEPHONE NUMBER

NAME OF PYROTECHNIC OPERATOR

Great Lakes Fireworks, LLC

ADDRESS OF PYROTECHNIC OPERATOR

3275 W. M-76, PO Box 276
West Branch, MI 48661

AGE OF PYROTECHNIC OPERATOR 18 YEARS OR OLDER

☒ YES ☐ NO

NO. YEARS EXPERIENCE

20+

NO. DISPLAYS

200+

WHERE

Throughout Michigan

NAME OF ASSISTANT

TBD

ADDRESS OF ASSISTANT

AGE OF ASSISTANT 18 YEARS OR OLDER

☒ YES ☐ NO

NAME OF OTHER ASSISTANT

TBD

ADDRESS OF OTHER ASSISTANT

AGE OF OTHER ASSISTANT 18 YEARS OR OLDER

☒ YES ☐ NO

EXACT LOCATION OF PROPOSED DISPLAY

3179 Livernois, Troy, MI 48085, on athletic field west of building

DATE OF PROPOSED DISPLAY

9/18/21 (Rain: 9/19/21)

TIME OF PROPOSED DISPLAY

Approx. 10:00pm

MANNER AND PLACE OF STORAGE, SUBJECT TO APPROVAL OF LOCAL FIRE AUTHORITIES, IN ACCORDANCE WITH NFPA 1123, 1124 & 1126 AND OTHER STATE OR FEDERAL REGULATIONS. PROVIDE PROOF OF PROPER LICENSING OR PERMITTING BY STATE OR FEDERAL GOVERNMENT

Stored at federally licensed facility until date of display.

AMOUNT OF BOND OR INSURANCE (TO BE SET BY LOCAL GOVERNMENT)

\$5,000,000

NAME OF BONDING CORPORATION OR INSURANCE COMPANY

McGowan Allied Specialty

ADDRESS OF BONDING CORPORATION OR INSURANCE COMPANY

140 Fountain Parkway, North Suite 570 St Petersburg FL 33176

NUMBER OF FIREWORKS

Approx. 500

KIND OF FIREWORKS TO BE DISPLAYED (Please provide additional pages as needed)

3" shells

Approx. 200

4" shells

Approx. 4

Various barrage cakes 3" and smaller

SIGNATURE OF APPLICANT

Al Lindsey

DATE

8/3/21

2021 Permit for Fireworks Other Than Consumer or Low Impact

Authority: 2011 PA 256	The LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD will not discriminate against any individual or group because of race, sex, religion, age, national origin, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc. under the Americans with Disabilities Act, you may make your needs known to this Legislative Body of City, Village or Township Board.
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This permit is not transferable. Possession of this permit authorizes the herein named person to possess, transport and display fireworks in the amounts, for the purpose of an at the place listed below only through permit expiration date.

TYPE OF PERMIT(S) (Select all applicable boxes) <input type="checkbox"/> Agricultural or Wildlife Fireworks <input type="checkbox"/> Articles Pyrotechnic <input checked="" type="checkbox"/> Display Fireworks <input checked="" type="checkbox"/> Public Display <input type="checkbox"/> Private Display <input type="checkbox"/> Special Effects Manufactured for Outdoor Pest Control or Agricultural Purposes		FOR USE BY LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD ONLY. PERMIT(S) EXPIRATION DATE (ENTER DATE OF EXPIRATION)
NAME OF PERSON PERMIT ISSUED TO North Woodward Community Foundation		AGE (18 YEARS OR OLDER) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ADDRESS OF PERSON PERMIT ISSUED TO 1120 E. Long Lake Rd, Troy, MI 48085		
NAME OF ORGANIZATION, GROUP, FIRM OR CORPORATION		
ADDRESS		
NUMBER AND TYPES OF FIREWORKS (Please attach additional pages if necessary) Approx. 500 3" shells Approx. 200 4" shells Approx. 4 Various barrage cakes 3" and smaller		
EXACT LOCATION OF DISPLAY OR USE 3179 Livernois, Troy, MI 48085, on athletic Field west of building		
CITY, VILLAGE, TOWNSHIP Troy	DATE 9/18/21 (Rain: 9/19/21))	TIME Approx. 10:00pm
BOND OF INSURANCE FILED Yes		AMOUNT \$5,000,000

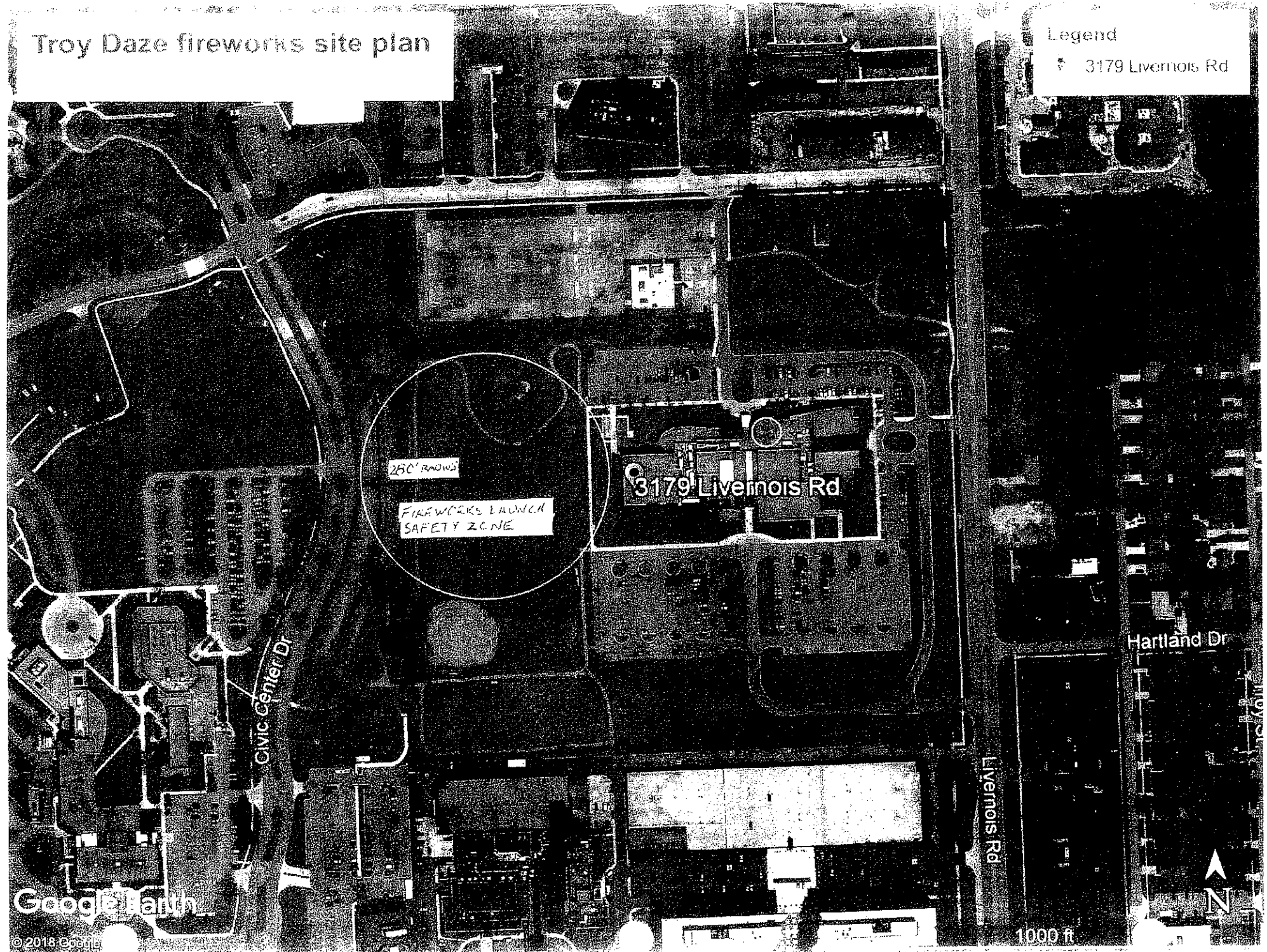
Issued by action of the Legislative Body of a <input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township of _____ on the _____ day of _____, 2021. <div style="text-align: center; font-size: small;"> _____ (Signature and Title of Legislative Body Representative) </div>	
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THIS FORM IS VALID UNTIL THE DATE OF EXPIRATION OF PERMIT

Troy Daze fireworks site plan

Legend

3179 Livernois Rd





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/15/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER McGowan Allied Specialty 140 Fountain Parkway, North Suite 570 St Petersburg FL 33176	CONTACT NAME: Mary Jo Picone PHONE (A/C, No, Ext): 727-547-3034 E-MAIL: mpicone@mcgowanallied.com ADDRESS: mpicone@mcgowanallied.com	FAX (A/C, No): 727-367-2918
INSURED Great Lakes Fireworks, LLC 24805 Marine Eastpointe MI 48021	INSURER(S) AFFORDING COVERAGE INSURER A: T.H.E. Insurance Company INSURER B: Accident Fund Insurance Company of America INSURER C: INSURER D: INSURER E: INSURER F:	NAIC # 12866 10166

License#: 973
GREALAK-13**COVERAGES****CERTIFICATE NUMBER:** 666324225**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	Y	CPP0100711-11	1/15/2021	1/15/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 0 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		CPP0100711-11	1/15/2021	1/15/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Comp/Collision Ded \$ 1,000
A	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		ELP0010168-11 VL	1/15/2021	1/15/2022	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 Excess Auto \$
B	<input type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A	ARP1200148040-02 MI	1/15/2021	1/15/2022	<input checked="" type="checkbox"/> PER STATUTE E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Excess liability GL		ELP0011852-06 GL	1/15/2021	1/15/2022	Ea Occur/Agg Limit 4,000,000
A	Inland Marine / Hull		CPP0100711-11 CPP010071111	1/15/2021 1/15/2021	1/15/2022 1/15/2022	Hull Limit/Show Limit 250,000/500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Display Date: September 18, 2021 Rain Date: September 19, 2021

Location: Town Center Road, West of Civic Center Drive, Troy, MI 48085

RE: General Liability, the following are named as additional insured in respects to the negligence of the named insured:
The City of Troy and all its elected and appointed officials, boards, committees, volunteers, and/or other authorities
Cert # 21084

CERTIFICATE HOLDER**CANCELLATION**

North Woodward Community Foundation
1120 E. Long Lake Road, STE 205
Troy MI 48085

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

GREAT LAKES FIREWORKS

3275 W. M-76 • West Branch, MI 48661 • Office: 989.726.5040 • Fax: 989.726.5041 • greatlakesfireworks.com

COMMUNICATION SHEET

PLEASE COMPLETE AND RETURN WITH YOUR SIGNED CONTRACT

CUSTOMER INFORMATION

Name North Woodward Community Foundation
Address 1120 East Long Lake Rd, Suite 205
Troy, MI 48085

SHOW INFORMATION

18 2021
Date September 14, 2019
Rain Date September 15, 2019-19, 2021
Time Approx 9:30 pm

FIRING SITE INFORMATION

Location Troy Community Center
Address 3179 Livernois
Troy, MI 48083
Contact Al Lindsey
Cell 248-840-0066

AUTHORITY HAVING JURISDICTION

Fire Marshal / Fire Chief (Circle one)
Name ~~Dave Roberts~~ Chuck RIESTERER
Address 500 W. Big Beaver Rd
Troy, MI 48084
Cell/Office O: 248-524-3419

CONTACT PERSON

Name Al Lindsey 3642 WAKEFIELD
Address 4420 East Long Lake Rd, Suite 205
Troy, MI 48085-48083
Cell/Office C: 248-840-0066
Fax 248-743-0711
Email alindsey1@comcast.net

ALTERNATE CONTACT

Name ~~Doug Tietz~~ KAREN GREENWOOD
Address 1120 East Long Lake Rd, Suite 205 P.O. BOX 861
Troy, MI 48085-48099
Cell/Office Cell: 248-568-1234 672-1777
Fax 248-743-0711
Email doug@troycommunityfoundation.org

DIRECTIONS TO SITE FROM MAJOR HIGHWAY

INSURANCE

Contract/certificate holder name North Woodward Community Foundation
Additionally insured names City of Troy

GREAT LAKES FIREWORKS

3275 W. M-76 • West Branch, MI 48661 • Office: 989.726.5040 • Fax: 989.726.5041 • greatlakesfireworks.com

THIS CONTRACT AND AGREEMENT for the sale of fireworks made and concluded this 7th day of June 2021, and between GREAT LAKES FIREWORKS, LLC of Eastpointe, Michigan, (hereinafter referred to as "Great Lakes"), and North Woodward Community Foundation (hereinafter referred to as "Customer").

GREAT LAKES agrees:

1. To sell, furnish and deliver to Customer, fireworks to be exhibited on the following dates set forth and agreed upon at the time of signing this contract and Customer agrees to pay Great Lakes for the fireworks as follows.
Display Date(s) 9/18/2021 Alternate Date(s) 9/19/2021
Contract Amount: \$ 6,180 Fifty percent (50%) due upon signing the contract and balance due on date of display. All payments shall be made by draft or certified check payable to Great Lakes Fireworks, LLC. Great Lakes will assess a \$25.00 late charge and a 7% per annum late fee on balances not paid in full by the display date.
2. Great Lakes further agrees to furnish sufficiently trained personnel to present a display.
3. Great Lakes agrees to furnish Customer with liability insurance in the amount of \$5,000,000 and other coverages as identified in the COI attached.


CUSTOMER agrees:

4. To procure and furnish a suitable place to display said fireworks, to furnish the necessary police and fire protection, to secure all police, local, and state permits, and to arrange for any security bonds or insurance as required by law in their community when necessary.
5. Prior to, during, and immediately following the display, Customer shall be solely responsible to keep all persons (except employees of Great Lakes) out of the designated danger areas and behind safety zone lines and limits.
6. Immediately following the display, Great Lakes, to the best of its ability, will police the area for any misfires ("duds"). Great Lakes agrees to police the area again at "first light." Great Lakes will pick up misfires for disposal. If Customer must move misfires for safety reasons, Customer understands that the misfires are only to be handled by trained personnel. Customer is responsible for debris clean up and the refilling of any holes.
7. Customer agrees to hold harmless Great Lakes for any liability caused by other than the employees or products supplied by Great Lakes.

The PARTIES mutually agree:

8. Should inclement weather prevent firing of said display on the "Display Date(s)," then it will be understood the program is postponed and will be fired on the "Alternate Date(s)," and there will be a charge to cover the costs of the postponement of ten percent (10%) of the contract amount. If the program is not fired on either the "Display Date(s)" or the "Alternate Date(s)," then it will be understood the program is cancelled, and there will be an additional charge of ten percent (10%) of the contract amount to cover the cancellation costs.
9. Great Lakes reserves the exclusive right to make minor modifications and substitutions provided that such changes are reasonable and necessary and do not materially adversely affect price, time of delivery, functional character, or display performance.
10. If the location of the firing site, spectators' location, parking areas, or structures is deemed unsuitable or unsafe, Great Lakes may refuse to fire the display until conditions are corrected. If such conditions are not corrected, Great Lakes may cancel the display without further liability to the Customer for such cancellation.
11. In the event of fire, accident, strikes, delay, flood, act of God or other causes beyond the control of Great Lakes, which prevent the delivery of said materials, the parties hereto release each other from any and all performances of the covenants herein contained and from damages resulting from the breach thereof.

For: GREAT LAKES FIREWORKS, LLC


Bruce Tyree

Member

For: North Woodward Community Foundation


Name: KAREN GREENWOOD

Title: PRESIDENT

CITY OF TROY- FIRE DEPARTMENT
HAZARDOUS MATERIALS INVENTORY STATEMENT

ENTER TODAY'S DATE	August 12, 2021		REPORT INFORMATION EXPIRES:		August 12, 2022 1 YEAR AFTER SUBMITTAL	
INFO ENTERED BY :	Barry Beltz	PHONE:	586-779-8062	X	When you have completed this document, save a copy on your computer. Then email a copy to the Troy Fire Dept at: fireplans@troymi.gov	
E-MAIL ADDRESS:	glfpyro@sbcglobal.net					
SITE CONTACT:	Barry Beltz	PHONE:	586-779-8062	X		
SITE CONTACT PERSON E-MAIL ADDRESS:				P.F. #:		
FACILITY NAME:	Great Lakes Fireworks		FACILITY ADDRESS:		1611 Gray Road, West Branch, Mi 48661	
FACILITY PHONE:	(586) 779-8062		FACILITY FAX:		586-779-8439	
HMIS Document Version: JANUARY 2015			If you have <i>No Reportable Quantities</i> , place an "X" in this box:			

**ANY PRODUCT THAT APPEARS ON THE "EXTREMELY HAZARDOUS SUBSTANCE" LIST IS REPORTABLE IN ANY AMOUNT.
THIS LIST CAN BE FOUND ON THE WEBSITE FOR MDEQ AT:**

http://www.michigan.gov/documents/deq/deq-ead-sara-ehelist_305998_7.pdf

CONSTRUCTION CLASSIFICATION:	OUTDOOR						USE GROUP:	NO GROUP						THIS ROW IS FOR FIRE DEPARTMENT USE ONLY.					
TOTAL BLDG SQUARE FOOTAGE:	0																		
							NFPA 704 (No. 0-4)			REPORTABLE QUANTITIES LIST ANNUAL MAXIMUM AMOUNT ON SITE			PHYSICAL STATE OF MATERIAL					ATTACH A MAP AND SHOW LOCATION	
PRODUCT (Trade) NAME	CHEMICAL NAME (IF MORE THAN ONE CHEMICAL, LIST "MIXTURE")	D.O.T. HAZ. CLASS.	PROD. CLASS.	E H S	DOT or UN/NA No.	C.A.S. NO.	H	F	R	GALS	LBS	CU. FT	L I Q	S O L	G A S	G R A N	P W D	C R Y O	INSIDE / OUTSIDE / BOTH (IDENTIFY LOCATIONS ON PROVIDED SITE DRAWING)
Fireworks	See attached list and SDS										204								

SDS: MULTI SHOT BARRAGE CAKES

Freedom Fireworks Trading Co.,Ltd

Hazard Communication Safety Data Sheet (SDS)

10th/F, Chamber of Commerce Building, Liuyangdadao, Liuyang City, Hunan Province, China 410300

Phone: 86-731-8364 2988 Fax: 86-731-8368 7528

UN0335 1.3G Display Fireworks

Date Prepared: Feb 16th, 2017

Section 1, Identification

Each device labels:

- (1): Commodity description in both Chinese and English for Multi-Shot Cakes
- (2): Warning labels for Multi-Shot Cakes
- (3): Distributor name and address, Manufacturer name and address, Produce date, Country of origin
- (4): D.G Classification Number (Fireworks UN0335 1.3G) label on each device.

Cartons information:

Cakes item No., Packing, Cakes item name, The same information as above section 1 part (3), Warning information, Order No., UN0335 1.3G, batch number, diamond 1.3G explosive mark label. Gross weight, Net weight, Proper Product EX number.

Section 2, Hazard(s) identification

Warning label show correctly and safely display fireworks is put on each cartons and devices, all devices well packed into A-grade cardboard carton.

Classification: Dangerous good non hazardous substances as per APA 87-1 standard.

Fire Hazard: Products contains pyrotechnic substances capable of burning or explosive with intense heat. Produces oxidizer typically use potassium perchlorate and copper oxide and sulfur etc.

Risk Phrase: Pyrotechnic produced may be irritating to the eyes and respiratory system.

Section 3, Composition/information on ingredients

Shells Main ingredients:

Potassium Perchlorate—KClO₄

Potassium Nitrate—KNO₃

Barium Nitrate—Ba(NO₃)₂

Strontium carbonate—SrCO₃

Sulfur— S
Carbon— C
Al+Mg Alloy
LAC—C₁₆H₂₄O₅
Resin—C₄₈H₄₂O₇
PVC—(C₂HCl)_n
Titanium--Ti
Powder of polished glutinous rice

Section 4, First-aid measures

No chemical components are released during normal handling of this device. In normal use with adequate ventilation the smoke produced should not be a problem. However, ground level smoke generated during the shooting of public display shows may contain gases which may cause irritation of eyes and mucous membranes, prolonged inhalation of smoke should be avoided.

Swallowed: Not applicable

Eye: Hold eyes open and wash continuously with water for 15 minutes.
Transport affected person to a doctor or a hospital.

Skin: Remove all contaminated clothing, including shoes. Wash affected areas with water.

Inhaled: Remove patient to fresh air, lay down and rest. If patient is not breathing, make sure airway is cleared and apply artificial respiration. Call doctor at once or transport patient to doctor or a hospital.

BURNS: Immerse affected area in cold water for 10 to 15 minutes. Bandage lightly with sterile dressing. Treat for shock if required. Transport to doctor or hospital.

ACUTE OR CHRONIC EXPOSURE: There have been no reports in the literature of detrimental health effects in workers from long term exposure to the substances composite in this product.

Persons with pre-existing respiratory conditions (i.e. asthma, emphysema, etc) should avoid inhalation of smoke. Move to fresh air and avoid further exposure to smoke and seek medical assistance.

Section 5, Fire-fighting measures

Do not fight explode fireworks, Fireworks will burn rapidly in the event of fire. If a large amount of fireworks are involved, allow them to burn and prevent spread of fire.

Cool pyrotechnic devices and/or package with water and remove them if possible. Do not use suffocation methods - devices contain their own oxygen. Do Not Smoke at any time when dealing with pyrotechnic devices!!!

Section 6, Accidental release measures

In case of spillage, dampen powders with water. Sweep up any powders using natural fibre brushes and non ferrous dust pans not steel, or any material that could produce sparks or present a risk of static discharge.

Prolonged exposure to smoke generated during the shooting of this device may cause respiratory irritation, difficulty in breathing, headaches, nausea and irritation of eyes and may result in vomiting.

Carefully pick up spills with non-sparking and non-static producing tools. Supervision only by a person knowledgeable in explosives. Avoid skin contact. In case of contact with skin, wash hands immediately.

Section 7, Handling and storage

No smoking and keep fire away. Store in a cool dry place, humidity should preferably be less than 70%. Avoid extreme temperatures. In particular sub-zero temperatures where freezing and re-thaw can alter the performance of the article.

HANDLING: Fireworks are explosive substances, thus should be handled with the utmost caution at all times. Never THROW ROLL , or use a HOOK on the cartons and never transport unpack, or store close to fire and hot items, such as a heater pipe. All persons who handle these fireworks should have had at least two years of supervised training with display fireworks and display fireworks safety. All persons who handle these fireworks should wear ear and eye protection and should wear fire retardant gear from their hardhats to fireproof boots. No persons under the age of 18 may be allowed access to fireworks or firing site at any time.

Conditions to Avoid: No open items, smoking and moisture in the vicinity of stored fireworks, avoid friction and impact.
Incompatibility: Do not allow fireworks to get wet.

Section 8, Exposure controls/personal protection

Eye Protection: None.

Respiratory Protection: None.

Skin Protection: Metal free and non-static producing clothes.

Other Protection: None.

Ventilation Recommended: Not required in open, unconfined areas.

Section 9, Physical and chemical properties

Solubility in Water: Slight

Appearance and Odor: All pyrotechnic composition is contained in a cardboard casing. Usually they are cardboard balls or cardboard tubes individually or in a group combination.

Hazardous Decomposition Products: Smoke generated during the use of these devices may contain small amount of Carbon Monoxide, Hydrogen Sulfite and Nitrogen Oxides. Avoid prolonged inhalation of smoke.

Section 10, Stability and reactivity

Stability: Stable

Thermal Stability Test Results: The test was performed on the Display Fireworks semi-finished and finished items at our factory and also tested by Liuyang CIQ laboratory. The device did not ignite, explode, or undergo any significant decomposition during heating at 75°C (167°F) for 48 hours.

Drop test results: The finished items /device from each batch of the order was performed by 12 meters high drop test by Liuyang CIQ laboratory. The device did not ignite, explode.

Hazardous Polymerization: Will Not Occur

Section 11, Toxicological information

Inhalation: Yes, when shooting. (Refer to above Section 6)

Skin: No.

Ingestion: No.

Section 12: Ecological Information

There have been no reports in the literature of detrimental ecological effects from exposure to the substances composite in this product.

Section 13: Disposal Considerations

Disposal of unfired products should only be carried out by a licensed pyrotechnic waste disposal contractor. Provide that the products case can be

determined as free from explosives by a licensed pyrotechnician, the spent cases can go to licensed landfill.

Section 14, Transport information

Shipping name: Fireworks

Hazard Class: 1.3G

The local CIQ inspection bureau spot check every batch of cargos before any shipments. Then issue commodity inspection certificate and dangerous goods transport package identification for us to declare to the customs.

The containers usually ship to loading port by truck or by barge. Next they will be loaded to the vessel shipping to port of discharge by sea, then ship to place of delivery by rail. At last the consignee will pick it up by truck after finish customs clearance.

Pyrotechnics must travel within their original UN approved packaging.

Section 15: Regulatory Information

It is a regulation in every state or territory in US that a license is required to purchase, keep and use this product.

It is a requirement in every state and territory in US that notification be made to ATF, Police, Fire services, Safety authorities, of any intended display using display pyrotechnics.

Section 16: Other Informaiton

Manufacturer/ Supplier: Freedom Fireworks Trading Co.,Ltd.

Address: 10th/F, Chamber of Commerce Building, Liuyangdadao, Liuyang City, Hunan Province, China 410300

Telephone: +86 731 8364 2988

Fax: +86 731 8368 7528

Contact Person in emergency: Leonard Liu

SDS: SHELLS

Freedom Fireworks Trading Co.,Ltd

Hazard Communication Safety Data Sheet (SDS)

10th/F, Chamber of Commerce Building, Liuyangdadao, Liuyang City, Hunan Province, China 410300

Phone: 86-731-8364 2988 Fax: 86-731-8368 7528

UN0335 1.3G Display Fireworks

Date Prepared: Feb 16th, 2017

Section 1, Identification

Each device labels:

- (1): Commodity description in both Chinese and English for SHELLS
- (2): Warning labels for SHELLS
- (3): Distributor name and address, Manufacturer name and address, Produce date, Country of origin
- (4): D.G Classification Number (Fireworks UN0335 1.3G) label on each device.

Cartons information:

Shells size, Shells item No., Packing, Shells item name, The same information as above section 1 part (3), Warning information, Order No., UN0335 1.3G, batch number, diamond 1.3G explosive mark label. Gross weight, Net weight, Product EX number.

Section 2, Hazard(s) identification

Warning label show correctly and safely display fireworks is put on each cartons and devices, all devices well packed into A-grade cardboard carton.

Classification: Dangerous good non hazardous substances as per APA 87-1 standard.

Fire Hazard: Products contains pyrotechnic substances capable of burning or explosive with intense heat. Produces oxidizer typically use potassium perchlorate and copper oxide and sulfur etc.

Risk Phrase: Pyrotechnic produced may be irritating to the eyes and respiratory system.

Section 3, Composition/information on ingredients

Shells Main ingredients:

Potassium Perchlorate—KClO₄

Potassium Nitrate—KNO₃

Strontium carbonate—SrCO₃

Sulfur— S

Carbon— C
Al+Mg Alloy
LAC—C₁₆H₂₄O₅
Resin—C₄₈H₄₂O₇
PVC—(C₂HCl)_n
Powder of polished glutinous rice

Section 4, First-aid measures

No chemical components are released during normal handling of this device. In normal use with adequate ventilation the smoke produced should not be a problem. However, ground level smoke generated during the shooting of public display shows may contain gases which may cause irritation of eyes and mucous membranes, prolonged inhalation of smoke should be avoided.

Swallowed: Not applicable

Eye: Hold eyes open and wash continuously with water for 15 minutes.
Transport affected person to a doctor or a hospital.

Skin: Remove all contaminated clothing, including shoes. Wash affected areas with water.

Inhaled: Remove patient to fresh air, lay down and rest. If patient is not breathing, make sure airway is cleared and apply artificial respiration. Call doctor at once or transport patient to doctor or a hospital.

BURNS: Immerse affected area in cold water for 10 to 15 minutes. Bandage lightly with sterile dressing. Treat for shock if required. Transport to doctor or hospital.

ACUTE OR CHRONIC EXPOSURE: There have been no reports in the literature of detrimental health effects in workers from long term exposure to the substances composite in this product.

Persons with pre-existing respiratory conditions (i.e. asthma, emphysema, etc) should avoid inhalation of smoke. Move to fresh air and avoid further exposure to smoke and seek medical assistance.

Section 5, Fire-fighting measures

Do not fight explode fireworks, Fireworks will burn rapidly in the event of fire. If a large amount of fireworks are involved, allow them to burn and prevent

spread of fire.

Cool pyrotechnic devices and/or package with water and remove them if possible. Do not use suffocation methods - devices contain their own oxygen. Do Not Smoke at any time when dealing with pyrotechnic devices!!!

Section 6, Accidental release measures

In case of spillage, dampen powders with water. Sweep up any powders using natural fibre brushes and non ferrous dust pans not steel, or any material that could produce sparks or present a risk of static discharge.

Prolonged exposure to smoke generated during the shooting of this device may cause respiratory irritation, difficulty in breathing, headaches, nausea and irritation of eyes and may result in vomiting.

Carefully pick up spills with non-sparking and non-static producing tools. Supervision only by a person knowledgeable in explosives. Avoid skin contact. In case of contact with skin, wash hands immediately.

Section 7, Handling and storage

No smoking and keep fire away. Store in a cool dry place, humidity should preferably be less than 70%. Avoid extreme temperatures. In particular sub-zero temperatures where freezing and re-thaw can alter the performance of the article.

HANDLING: Fireworks are explosive substances, thus should be handled with the utmost caution at all times. Never THROW ROLL , or use a HOOK on the cartons and never transport unpack, or store close to fire and hot items, such as a heater pipe. All persons who handle these fireworks should have had at least two years of supervised training with display fireworks and display fireworks safety. All persons who handle these fireworks should wear ear and eye protection and should wear fire retardant gear from their hardhats to fireproof boots. No persons under the age of 18 may be allowed access to fireworks or firing site at any time.

Conditions to Avoid: No open items, smoking and moisture in the vicinity of stored fireworks, avoid friction and impact.

Incompatibility: Do not allow fireworks to get wet.

Section 8, Exposure controls/personal protection

Eye Protection: None.

Respiratory Protection: None.

Skin Protection: Metal free and non-static producing clothes.

Other Protection: None.

Ventilation Recommended: Not required in open, unconfined areas.

Section 9, Physical and chemical properties

Solubility in Water: Slight

Appearance and Odor: All pyrotechnic composition is contained in a cardboard casing. Usually they are cardboard balls or cardboard tubes individually or in a group combination.

Hazardous Decomposition Products: Smoke generated during the use of these devices may contain small amount of Carbon Monoxide, Hydrogen Sulfite and Nitrogen Oxides. Avoid prolonged inhalation of smoke.

Section 10, Stability and reactivity

Stability: Stable

Thermal Stability Test Results: The test was performed on the Display Fireworks semi-finished and finished items at our factory and also tested by Liuyang CIQ laboratory. The device did not ignite, explode, or undergo any significant decomposition during heating at 75°C (167°F) for 48 hours.

Drop test results: The finished items /device from each batch of the order was performed by 12 meters high drop test by Liuyang CIQ laboratory. The device did not ignite, explode.

Hazardous Polymerization: Will Not Occur

Section 11, Toxicological information

Inhalation: Yes, when shooting. (Refer to above Section 6)

Skin: No.

Ingestion: No.

Section 12: Ecological Information

There have been no reports in the literature of detrimental ecological effects from exposure to the substances composite in this product.

Section 13: Disposal Considerations

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Shipping name: Fireworks

Hazard Class:1.3G

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