



CITY COUNCIL AGENDA ITEM

Date: September 4, 2013

To: Brian Kischnik, City Manager

From: William Nelson, Fire Chief
David Roberts, Assistant Fire Chief / Fire Marshal

Subject: Fireworks Permit – Troy Family Daze Festival

The Fire Department has received a permit application from Mad Bomber Fireworks Productions of Kingsbury, Indiana, for a public fireworks display to be conducted at the Troy Family Daze Festival at the Zion Christian Church, 3668 Livernois.

Background

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.

Mad Bomber Fireworks Productions, therefore, is requesting that City Council grant a permit for a public fireworks display to occur on the evening of Saturday, September 14, 2013, or the rain date of Sunday, September 15, 2013.

Recommendation

The Fire Department has reviewed the permit application and recommends that City Council issue a fireworks permit to Mad Bomber Fireworks Productions. The required State of Michigan display permit forms have been requested by the City Clerk, as required, but have not yet arrived. They are expected to arrive in time to be signed and issued.

City Attorney's Review as to Form and Legality

Lori Grigg Bluhm, City Attorney

IFW 2013-0001



City of Troy

FIREWORKS PERMIT APPLICATION

Fire Prevention Division
500 W. Big Beaver Road
Troy, MI 48084
248-524-3419

FIREWORKS

This application is for the storage of, and/or use of approved fireworks, and for displays before a proximate audience. Approved fireworks are those defined in Michigan Public Act 256 of 2011, "Michigan Fireworks Safety Act". This includes "consumer grade fireworks" and "display fireworks." Display fireworks also require a separate permit/license from the State of Michigan to discharge, a copy of which must be provided with this application. A \$125.00 application fee is to be paid upon submittal of this application. Make check or money order payable to City of Troy. Once approved, this permit shall expire 30 days from the issue date. **PERMIT SHALL BE POSTED ON SITE**

Application Date: August 5, 2013

Date of Event: September 14, 2013 Hours of Operation: START: 2:00 pm END: 10:30 pm

Applicant Name: Mad Bomber Fireworks Productions/Randy McCasland Date Of Birth: 1990/ May 7, 1971

Applicant Address: P.O. Box 418 3999 Hupp Rd Bldg R-3-1 Kingsbury, IN 46345 Phone: 219-393-5051

Address Where Fireworks will be Stored / Displayed: Stored at Kingsbury Industrial Park High X Bunkers Kingsbury, IN

Display at 3668 Livernois Rd Troy, MI

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-transferrable. I further understand that the permit application fee is non-refundable and therefore will not be returned if the permit is denied.

This permit application shall include an approved Hazardous Materials Inventory Statement (HMIS) upon submittal and is subject to associated fees, payable to the City of Troy, upon issuance of the permit. The HMIS and its directions can be found at: www.troymi.gov/fire/permitapps

Signature of Applicant: [Signature]

(THIS SECTION TO BE COMPLETED BY THE FIRE DEPARTMENT)

PREMISE #: 3023-0000 INSPECTION DATE: 9/14/13

INSPECTOR: R.C. RICHTERER

INSPECTION APPROVED: Y N D.O.T. CLASS: 1.4G 1.3G

TOTAL AMOUNT: 427.1 LBS (Gross Weight / Net Explosive Weight / Documentation)

SECURED FROM PUBLIC: Y N WATER EXTINGUISHER: Y N

NO SMOKING SIGNS Y N

PERMIT ISSUE DATE: _____ PERMIT EXPIRATION DATE: _____

COMMENTS: SUBJECT TO SITE VISIT

pd
8/13

PLANET PRODUCTIONS/MAD BOMBER FIREWORKS

P.O. BOX 418
KINGSBURY, IN 46345
Phone: (219) 393 5051

BILL TO:
TROY DAZE COMMITTEE
TROY DAZE

SHIP TO:
TROY DAZE COMMITTEE
TROY DAZE

Invoice #: 8230

Date: 08/06/2013

of Boxes: 13

Show Date: 09/14/2013

ORDER QUANTITY	BIN	INVENTORY NUMBER	DESCRIPTION	EX NUMBER
3	0	30-A-002	BAR PLUGS	EX-
3	0	30-A-003	ROLL OF MASKING TAPE	EX-
1	0	30-A-004	ROLL OF DUCT TAPE	EX-
3	0	30-A-005	FOIL FOR FINALE 5 RAX OR 8 CAK	EX-
1	0	30-A-008	30 MINUTE FUSEE	EX-
60	0	30-A-009	STD IGNITOR 9'	EX-2007120166
15	9	30-A-009A	BIG IGNITOR SQUIBE 15'	EX-2007120166
12	00	03-S-00	WIZARD/FREEDOM 3" SAL	EX-9307102
1	11	03-K-16	KANTO 3" BANGER CHARTREUSE	EX-2006031002
1	23	03-K-15	KANTO 3" PCHFLY STAR CYLINDER	EX-2006031002
3	27	03-N-36	FREEDOM 3" RWB W/MNE(3)	EX-2009100293
3	28	03-W-37	FREEDOM 3" SILCOMSIL STRB(3)	EX-2009100293
3	29	03-K-04	KANTO 3" SIL PALM TREE VOLL(3)	EX-2006031002
6	31	03-K-06	KANTO 3" FACE VOLLEY (3)	EX-2006031002
1	38	03-K-17	KANTO 3" WHST FLOWER	EX-2006031002
1	39	03-K-18	KANTO 3" COL ROSY GRASS	EX-2006031002
1	40	03-K-19	KANTO 3" BLUE COMETS	EX-2006031002
48	289	02-J-01	JINSHAN ASSORTED 2.5"	EX-2009100293
10	352	03-Y-01	YUNG FENG 3" ASST (10)	EX-200650199
3	432	02-K-24	KANTO 2.5" MAG RED VOLL (3)	EX-2006031002
3	433	02-K-23	KANTO 2.5" CHARTREUSEVOLL(3)	EX-200631002
3	443	02-K-25	KANTO 2.5" POP FLW VOLL (3)	EX-2006031002
72	602	03-D-X1	DOMINATOR 3" ASST (72)	EX-2006110244
36	603	03-J-01	JINSHAN 3" ASSORTED SHELLS	EX-2009100293
3	621	20-C-W37	WIZARD 3" COM CYCAS FINALE (12)	EX-2008060216
8	626	20-C-W20	JINSHAN 2.5 COL SAL FIN (8)	EX-2012060084
1	628	20-C-W33	FREEDOM 3" SALUTE FINALE	EX-2012070743
1	630	20-B-J01	JINSHAN 36 2.5" RGBWH STRB	EX-2009100294
1	632	20-B-J03	JINSHAN 36 2.5" ASST PEONIES	EX-2009100294
1	803	20-B-M17	METEI 126 COM RGB COCO XSETTE	EX-004198
1	805	20-B-M14	METEI SIL CROWN GLD WILL 2/1	EX-
1	811	20-B-M10	METEI 162 SIL DRGCOL PNY W/REP	EX-004198
1	817	20-B-G03	GLORIOUS TRESSPASSER 2/1	EX-2010040060
1	821	20-B-M12	METEI 100 FAN GR COC GR GLIT	EX-004198
1	823	20-B-F15	FREEDOM 2" 50 COCONUT SALUTE	EX-2009100294

Total Weight: 427.1

Emergency Response

Explosives- Division 1.1, 1.2, 1.3, 1.5, or: Class A & B

Fireworks, 1.3G, UN0335, PG II

Fireworks, 1.1G, UN0333, PGII

CARGO Fires

- DO NOT fight fire when fire reaches cargo! Cargo may EXPLODE!
- Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let burn
- Do not move cargo or vehicle if cargo has been exposed to heat.

Tire or Vehicle Fires

- Use plenty of water -FLOOD it! If water is not available, use CO2, dry chemical or dirt.
- If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area.
- Pay special attention to tire fires as re-ignition may occur. Stand by with extinguisher ready

SPILL or LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded
- Do not touch or walk through spilled material.
- DO NOT OPERATE RADIO TRANSMITTERS WITHIN 100 meters (330 feet) OF ELECTRIC DETONATORS.
- DO NOT CLEAN UP OR DISPOSE OF, EXCEPT UNDER SUPERVISION OF A SPECIALIST.

FIRST AID

- Move victim to fresh air, Call emergency medical care.
- Apply artificial respiration if victim is not breathing
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least for 20 minutes.
- Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves

FIRE OR EXPLOSION

- MAY EXPLODE AND THROW FRAGMENTS 1600 meters (1 MILE) OR MORE IF FIRE REACHES CARGO.
- For information on "Compatibility Group" letters, refer to Glossary section.

HEALTH

- Fire may produce irritating, corrosive and/or toxic gases.

PUBLIC SAFETY

- CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the back cover.
- CALL CHEM-TEL'S 24- HOUR NUMBER (800) 255-3924
- Isolate spill or leak area immediately for at least 500 meters (1/3 mile) in all directions
- Move people out of line of sight of the scene and away from windows.
- Keep unauthorized personnel away.
- Stay upwind.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighter's protective clothing will only provide limited protection.

EVACUATION

LARGE SPILL

- Consider initial evacuation for 800 meters (1/2 mile) in all directions.

Fire

- If rail car or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, ISOLATE for 1600M (1 mile) in all directions; also initiate evacuation including emergency responders for 1600M (1 mile) in all directions.
- When heavily encased explosives are not involved, evacuate the area for 800 meters (1/2 mile) in all directions

ON SITE SAFETY INSTRUCTIONS

Rules must be adhered to on each and every site.

EMERGENCY CONTACT INFORMATION:

MAIN OFFICE- 219-393-5051

CHEMTEL: 800-255-3924 CONTRACT#MIS0005800

All PERSONS on site MUST be at least 18 years or older. NO EXCEPTIONS.

Once a show is delivered to a site.. it shall NEVER be left unattended. Site security should be properly maintained at all times.

EMERGENCY ACTION PLAN: Upon arriving on the display site, the Operator is to devise an EAP- Emergency Action Plan for the display. Prior to setting up any equipment, the Operator is to communicate the plan to all other workers. Each display will have its own site-specific plan due to locale and geographic features. The EAP must include the following:

- . Emergency escape routes away from the display fireworks
- . A safe location away from the fireworks to account for all workers
- . A plan to notify emergency personnel and whom will direct them to the site.
- . Instruct all workers on the location of emergency response information and MSDS

right to know information.

This plan may be given verbally, and Operator shall confirm each worker understands.

FIRE AND EXPLOSION HAZARD DATA

Do not attempt to fight fire in vicinity of Special Fireworks - Evacuate Areas. Evacuate fire area immediately and seek shelter. Follow established emergency action plan. Fireworks may mass explode in a fire situation.

NO SMOKING OR OPEN FLAME- smoking, open flame, smoking materials (ie. lighters, matches) are forbidden in the loading or un-loading and display areas. No smoking signs may be posted in a conspicuous area upon set up of site. A minimum of 25' in all directions, from the perimeter surrounding the site is to be maintained as non-smoking.

LOADING AND UNLOADING:

- .Vehicle engine must not be running, and hand brake must be set.
- .No smoking, open flame or source of static discharge shall be allowed, ie. cell phones, pagers, lighters, etc.
- .Boxes must **NEVER** be thrown, slid or dropped. Be especially careful when boxes contain fireworks with igniters attached.
- . Never use bale hooks or other metal tools to load or unload boxes of explosives.

SAFETY EQUIPMENT AND CLOTHING: Non-synthetic clothing must always be worn. This prevents the possibility of static build-up and discharge, as well as the possibility of material 'melting' on to the skin in the event of hot fall-out or fire. After set-up of site, pants must be worn, no shorts. Eye protection, ear protection and closed toe shoes are required. Hats or head coverings should be used to protect the head, but must not impede your vision, or 'contain' the force of a blast in the event of spontaneous explosion.

ASSURE PROPER INSTALLATION AND SET UP OF SITE:

All mortar boxes, racks and drums shall be properly installed on each show.

Maintaining a safe Display Site is top priority. These reminders, along with your training, should assist you in performing a safe and spectacular show. If you have any questions, address the Operator right away.

MATERIAL SAFETY DATA SHEET SPECIAL FIREWORKS (1.3g, UN 0335)

May be used to comply with OSHA'S Hazard Communications Standard 29 CFR 1910
1200 Standard must be consulted for specific requirements. Phone 800-255-3924

Consignee:

Data Prepared : 12/2/1996

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: Special Fireworks contain explosive and pyrotechnic compositions, and are classified as Fireworks 1.3 by the U.S. Department of Transportation. No chemical components are released during normal handling and storage of shells.

PHYSICAL/CHEMICAL CHARACTERISTIC

Solubility in water: slight

Appearance and Odor: All chemical Composition is contained in hard cardboard or plastic casing.

FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: Do not attempt to fight fire in the vicinity of Special Fireworks-Evacuate Areas. Special Fire Fight Procedure: Evacuate Fire area immediately and seek shelter. Follow established emergency action plan. Unusual Fire and Explosion Hazards: Special Fireworks may mass explode in a fire situation.

REACTIVITY DATA

Stability: Stable. Conditions to Avoid: No open flames, smoking or moisture in the vicinity of stored fireworks. Avoid friction or impact. Incompatibility: Do not allow fireworks to get wet. Hazardous Decomposition or By-products: Smoke generated during use of these devices may contain small amount of carbon monoxide, hydrogen sulfide and nitrogen oxides. Avoid prolonged inhalation of smoke. Hazardous Polymerization: Will Not occur.

HEALTH HAZARD DATA

Inhalation: Yes, when shooting. Health Hazards: No chemical components are released during normal handling of shells. However, ground level smoke generated during shooting of public display shows may contain gasses which may cause irritation of eyes or mucous membranes. Prolonged inhalation of smoke should be avoided. Signs and Symptoms of Exposure: Prolonged exposure to smoke generated during shooting of shells may cause shortness of breath and irritation of eyes and mucous membranes. Medical Conditions: Persons with pre-existing respiratory conditions (i.e. asthma, emphysema, etc.) should avoid inhalation of smoke. Emergency and First Aid Procedures: Move to fresh air and avoid further exposure to smoke.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/15/2013

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 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 Britton Gallagher One Cleveland Center, Floor 30 1375 East 9th Street Cleveland OH 44114	CONTACT NAME: PHONE (A/C No. Ext): 216-658-7100 E-MAIL: ADDRESS:	FAX (A/C No): 216-658-7101													
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Lexington Insurance Co</td> <td></td> </tr> <tr> <td>INSURER B: Granite State Insurance Co.</td> <td></td> </tr> <tr> <td>INSURER C: Maxum Indemnity Company</td> <td>26743</td> </tr> <tr> <td>INSURER D: Liberty Mutual Insurance Co</td> <td>25035</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Lexington Insurance Co		INSURER B: Granite State Insurance Co.		INSURER C: Maxum Indemnity Company	26743	INSURER D: Liberty Mutual Insurance Co	25035	INSURER E:		INSURER F:
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INSURED Mad Bomber Fireworks Productions PO Box 418 Kingsbury IN 46345															

COVERAGES

CERTIFICATE NUMBER: 1197027071

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 INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC		1619303-05	2/4/2013	2/4/2014	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		CA93487735	2/4/2013	2/4/2014	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
C	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		EXC6018232	2/4/2013	2/4/2014	EACH OCCURRENCE \$4,000,000 AGGREGATE \$4,000,000
D	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	WC734S311836	3/12/2013	3/12/2014	<input checked="" type="checkbox"/> WC STATU- TORY LIMITS <input type="checkbox"/> OTH- ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Operation: Fireworks Display
 Additional Insured: North Woodward Community Foundation, Zion Christian Church, Zion Christian Church Foundation

CERTIFICATE HOLDER North Woodward Community Foundation 1120 E Long Lake Suite 205 Troy MI 48085	CANCELLATION 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
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