

# The Commonwealth of Massachusetts

## DEPARTMENT OF PUBLIC UTILITIES

PIPELINE SAFETY DIVISION

# **INCIDENT REPORT**

1214 VFW Parkway, Boston, Massachusetts May 12, 2018

### PIPELINE SAFETY DIVISION

1214 VFW Parkway, Boston, Massachusetts

May 12, 2018

Boston Gas Company d/b/a National Grid

Estimated Property Damage (per Boston Fire Department): \$2,500,000

Injuries: 3 (minor)

Report Issued: November 23, 2020

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#### I. INTRODUCTION

#### A. Scope of the Investigation

The Massachusetts Department of Public Utilities ("Department"), Pipeline Safety Division ("Division"), pursuant to G.L. c. 164, § 105A and a Federal Certification Agreement as provided for in 49 U.S.C. § 60105, has investigated a natural gas release at 1214 VFW Parkway, West Roxbury (Boston), MA, on May 12, 2018 ("Incident"). The release of gas may have contributed to the Incident<sup>1</sup> and fire and property damage estimated at \$2.5 million by the Boston Fire Department. The gas service at the location was provided by Boston Gas Company d/b/a National Grid ("National Grid" or "Operator").

Pursuant to 49 U.S.C. § 60105(c), and as part of the Department's annual certification process by the United States Department of Transportation ("U.S. DOT"), the Department must report to the U.S. DOT:

each accident or incident . . . involving a fatality, personal injury requiring hospitalization, or property damage or loss of more than an amount the [U.S. DOT] Secretary establishes, any other accident the [Department] considers significant, and a summary of the investigation by the [Department] of the cause and circumstances surrounding the accident or incident.

Incident, as defined by 49 CFR § 191.3, means any of the following events:

(1) An event that involves a release of gas from a pipeline . . . and that results in one or more of the following consequences:

<sup>(</sup>i) A death, or personal injury necessitating in-patient hospitalization;

<sup>(</sup>ii) Estimated property damage of \$50,000 or more, including loss to the operator and others, or both, but excluding cost of gas lost; or

<sup>(</sup>iii) Unintentional estimated gas loss of three million cubic feet or more.

<sup>(2)</sup> An event that results in an emergency shutdown of an LNG facility or an underground natural gas storage facility. . . .

<sup>(3)</sup> An event that is significant in the judgment of the operator, even though it did not meet the criteria of paragraph (1) or (2) of this definition.

The Department has established procedures for determining the nature and extent of violations of codes and regulations pertaining to the safety of pipeline facilities and the transportation of gas, including but not limited to, G.L. c. 164, §§ 76, 76C, and 105A and 220 CMR §§ 69.00 and 101.00 through 115.00. The Division, on behalf of the Department, also enforces the U.S. DOT safety standards for gas pipeline systems as set forth in 49 CFR Parts 40, 192, 193, and 199.

#### B. Overview of Incident

On May 12, 2018, the Boston Fire Department ("BFD") received an alarm of a fire at 1212 VFW Parkway, Boston, at approximately 5:58 a.m. (Exh. 1). The fire was actually located at 1214 VFW Parkway, part of the same condominium complex as 1212 VFW Parkway.

The first BFD unit arrived on site at 6:06 a.m. (Exh. 1). At 6:15, the BFD reported the now six-alarm fire to National Grid (Exh. 2). At approximately 6:44 a.m., National Grid notified the Division by telephone of the Incident, reporting that the gas service had been impacted and was feeding the fire (Exh. 2). The Division dispatched an investigator to the scene, who subsequently observed a pressure test performed at the site. National Grid took possession of the jurisdictional piping and appurtenances (which included the service line, service riser, and service regulator) for further testing and evaluation.

Thirty-six residents were displaced by the fire. One resident and two firefighters were taken to a local hospital with minor injuries. The BFD's last unit cleared the site at about 6:12 p.m. later that day (Exh. 1).

National Grid informed the Division that it provided telephonic notification of the Incident to the U.S. DOT on May 12, 2018 (DOT #1211946) but did not file a 30-day PHMSA 7100.1 incident report because gas was not suspected as the cause of the Incident.

#### II. <u>INVESTIGATION</u>

#### A. Introduction

The Division, on behalf of the Department, conducted an investigation to determine the cause and origin of the fire. This included issuing information requests to National Grid regarding the operational and maintenance history of the location, collecting distribution system information, and requesting that Massachusetts Materials Research, Inc. ("MMR") examine the jurisdictional piping and appurtenances for defects. The results of the Division's investigation are set forth below.

#### B. Description of the Gas Facilities

The building at 1214 VFW Parkway is supplied with natural gas for heating, cooking, and hot water. The natural gas service to the building was installed in August 1986.

At the Division's request, National Grid conducted a pressure test onsite on May 12, 2018. The pressure test -- conducted on the plastic service line from the gate valve to the riser valve -- showed and was successful (Exh. 5).

#### C. Odorization

State regulation, 220 CMR § 101.06(20), requires operators to odorize natural gas in their distribution systems. Gas must have a "distinctive odor of sufficient intensity so that a concentration of 0.15% gas in the air is readily perceptible to the normal or average olfactory senses of a person coming from fresh uncontaminated air into a closed room." The state

regulation also requires a gas operator to conduct periodic sampling of odorant concentrations throughout their system. National Grid conducts odorant sampling throughout its system on a monthly basis. A review of National Grid's odorant records indicate satisfactory odorization levels throughout the distribution system (Exh. 4).

#### D. BFD Report

The BFD investigated and issued a report on May 12, 2018, concluding that the factors that contributed to ignition were "undetermined" and that the cause of the ignition was "undetermined after investigation" (Exh. 1).

#### E. MMR Failure Analysis

MMR conducted a detailed analysis of the jurisdictional piping and appurtenances secured from 1214 VFW Parkway and issued its report on January 21, 2020.<sup>2</sup> MMR conducted visual inspection, radiography, borescope examination, leak testing, disassembly, Fourier transform infrared spectroscopy, and binoculor microscopy.

The regulator and riser assemblies were disassembled (regulator) and cut (riser) to reveal internal damage that led to leakage of these two items, and the service tee tapping cap was removed to reveal any thread or O-ring damage that may have caused the slow leak observed. MMR summarized the findings of this analysis as follows:

This examination revealed thermal damage as the result of the fire as the cause of the jurisdictional component leakage. While the regulator did not visibly appear to have been tampered with, old thread damage on the adjustment screw cap in the removal direction predating laboratory disassembly damage

Copies of the MMR report can be obtained by contacting: Veda-Anne Ulcickas, Massachusetts Materials Research, Inc., P.O. Box 810, Century Drive, West Boylston, MA 01583.

revealed the need for examination of this regulator's service history. Such an inspection would reveal whether the adjusting screw region was ever accessed legitimately by the service provider.<sup>3</sup>

MMR's overall conclusion was as follows:

The regulator and riser assembly revealed only leaks caused by thermal damage from the fire. A slow leak of approximately 1 ft<sup>3</sup>/hr was detected from the cap of the service tee that was unrelated to fire damage. Since the regulator was located outside the condo building it served, it is unlikely a path to the originating unit existed for gas originating at the service tee.

#### III. SUMMARY OF FINDINGS

- The plastic service to 1214 VFW Parkway was installed in August 1986.
- The gas was odorized to meet both the state and federal requirements.
- National Grid responded to a gas-fed fire at the scene at approximately 6:29 a.m. on May 12, 2018.
- The fire severely damaged the three-story structure at 1214 VFW Parkway.
- Pressure test results were satisfactory, from the gate valve to the riser at the time of initial investigation.
- Analysis of the regulator and riser assembly revealed leaks caused by thermal damage from the fire. A leak from the service tee cap appeared unrelated to the fire.
- The source of ignition and contributing factors could not be determined.

The Division's review of the service history showed that National Grid performed work at this location on at least two occasions, March 14, 2007 and February 14, 2011.

#### IV. CONCLUSION

Based on the Division's review of all relevant information, including National Grid's responses to the information requests, the BFD report, and the MMR report, the Division finds that the cause and origin of the Incident at 1214 VFW Parkway is unknown and undetermined. The Division further finds insufficient evidence to support a determination that National Grid's distribution system caused or contributed to the cause of the fire, or that National Grid failed to comply with any state or federal pipeline safety laws or regulations.

## EXHIBIT 1

Boston Fire Department Report

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	YYYY  2018
B Location*	icate that the address for this incident is provided on the Wildland Fire Census Tract  Alternative Location Specification*. Use only for Wildland fires.
X Street address Intersection In front of Rear of Adjacent to Directions    1212   Prefix   BO: City   Cross street or directions   Cross street or direction   Cross street or direction	STON    MA   02132   -
C Incident Type *   111   Building fire   Incident Type	E1 Date & Times  Check boxes if dates are the same as Alarm  ALARM always required  Midnight is 0000  E2 Shift & Alarms  Local Option    2   06   12
D Aid Given or Received*  1	Alarm * 05 12 2018 05:58:08 Shift or Platoon  ARRIVAL required, unless canceled or did not arrive  X Arrival * 05 12 2018 06:06:36 CONTROLLED Optional, Except for wildland fires  Controlled LAST UNIT CLEARED, required except for wildland fires  Local Option
N X None  F Actions Taken *	X Cleared 05 12 2018 18:12:23 Study ID# Study Value  G1 Resources * G2 Estimated Dollar Losses & Values
Fires, rescues & hazardous  Primary Action Taken (1)  40   Hazardous condition, Other  Additional Action Taken (2)  10   Fire control or extinguish  Additional Action Taken (3)	section if an Apparatus or Personnel form is used.  conditions, Other Apparatus Personnel  Suppression 0043 Property \$ 002 , 500 , 000   EMS PRE-INCIDENT VALUE: Optional
Completed Modules  XFire-2 Deaths Inju Structure-3 Civil Fire Cas4 Fire Serv. Cas5 EMS-6 HazMat-7 Wildland Fire-8 X Apparatus-9 Personnel-10 Arson-11  H1 * Casualties Civilian Fire Service Civilian L Service L Se	N None  Natural Gas: slow leak, no evauation or HazMat actions  Propane gas: <21 lb. tank (as in home BBQ grill)  Gasoline: vehicle fuel tank or portable container  Kerosene: fuel burning equipment or portable storage  Diesel fuel/fuel oil:vehicle fuel tank or portable  Household solvents: home/office spill, cleanup only  MN 10  Assembly use  Education use  Medical use  Residential use  Row of stores  Enclosed mall  Bus. & Residential  Office use  Industrial use  Modor oil: from engine or portable container
J Property Use* Structures  131 Church, place of worship 161 Restaurant or cafeteria 162 Bar/Tavern or nightclub 213 Elementary school or kindergarten 215 High school or junior high 241 College, adult education 311 Care facility for the aged 331 Hospital Outside 124 Playground or park 655 Crops or orchard 669 Forest (timberland)	341 Clinic,clinic type infirmary 539 Household goods,sales,repairs 342 Doctor/dentist office 579 Motor vehicle/boat sales/repair 361 Prison or jail, not juvenile 571 Gas or service station 419 1-or 2-family dwelling 599 Business office 429 Multi-family dwelling 615 Electric generating plant 439 Rooming/boarding house 629 Laboratory/science lab 449 Commercial hotel or motel 700 Manufacturing plant 459 Residential, board and care 819 Livestock/poultry storage(barn) 464 Dormitory/barracks 882 Non-residential parking garage 519 Food and beverage sales 891 Warehouse 936 Vacant lot 981 Construction site 938 Graded/care for plot of land 946 Lake, river, stream 951 Railroad right of way
807 Outdoor storage area 919 Dump or sanitary landfill 931 Open land or field	960 Other street 961 Highway/divided highway 962 Residential street/driveway  Property Use 429  Multifamily dwelling  NFIRS-1 Revision 03/11/99

K1 Person/Enti	ty Involved	Business name (if appli	icable)		Area Code Phone Number	
Check This Box if same address as incident location.	Mr.,Ms., Mrs. First N	ame	MI	Last Name		Suffix
Then skip the three duplicate address lines.	Number	Prefix Street or Highw	vay		Street Type	Suffix
	Post Office Box		Apt./Suite/Room	City		
	State Zip Code					
More people in	_	box and attach	Supplemental E	Forms (NFIRS-1S) a	s necessary	
Then ch	person involved? eck this box and skip t of this section.	Business name (if Appli	.cable)		Area Code Phone Number	
Local Option  Then check this box if	eck this box and skip t of this section.		.cable)	Last Name	Area Code Phone Number	Suffix
Then ch The res  Local Option  Check this box if same address as incident location. Then skip the three duplicate address	eck this box and skip t of this section.  Mr.,Ms., Mrs. First N		MI	Last Name	Area Code Phone Number  Street Type	Suffix Suffix
Local Option  The res  Local Option  Check this box if same address as incident location. Then skip the three	eck this box and skip t of this section.  Mr.,Ms., Mrs. First N	ame	MI	Last Name		

#### ${f L}$ Remarks

While responding to box 2883 Ladder 25 observed heavy fire showing from large condominium complex Lt Briscoe immediately struck the second alarm, then third shortly after. There were two occupants that were screaming for help from the third floor window. Under heavy fire conditions. Lt Briscoe grabbed a 28 Ft ladder off of Ladder 25 and, FF Michael Blarney, FF Richard Widener and FF Russell Watt threw the 28ft Ladder to the third floor window. FF Widener climbed the ladder to the third window and Ladder 25 brought the trapped occupants down. At around the same time Engine 30 took a 2.5 ich line to the front of the building with approximately 150 ft. of line and attacked the fire that was burning at a gas line trying not to extinguish the fire. Engine 30's chauffeur grabbed a hydrant on the Alpha side Engine 53 was the second engine on scene. They ran a 2.5 line to the Alpha side of the building and knocked down heavy fire. Engine 53 took the line over a 35 foot ladder that Ladder through to second floor on the A/B corner. Engine 53 did a primary search for fire spread on the second floor. ( later on Engine 53 was ordered out of the building and set up a blitz gun helped out Engine 30 in control of the gas fire ). Lack of hydrants in the front in the initial stages of the building was a problem but all companies did a great job of working together to overcome and adapt. Engine 55 secured a water supply and advanced a 2.5 line to the front of the building to join in the effort to knock down heavy fire and cool the gas line that continued to burn being careful not to put it out. Ladder 16 threw another ground ladder to the 3rd floor porch on the Charlie side. After securing the ladder, Ladder 16 went to the 3rd floor to open up apartment doors to conduct a primary search. ( Engine 28 had a line on the third floor ready to knock down any exposed fire ). The second apartment was met with heavy fire in the ceiling. ( Engine 48 had a charged line in place ). ( Later, FF Norman had a ceiling come down on him while overhauling ( at this point we were ordered out of the building )FF Norman went with EMS to the hospital. (Later, Ladder 16 change their bottles and set up pipe operations. ) Engine 41 supplied Ladder 16 with water. ( Later on ladder 16 help open up windows on the Alpha Ladder 16 would go back in to the fire building to complete the secondary search.

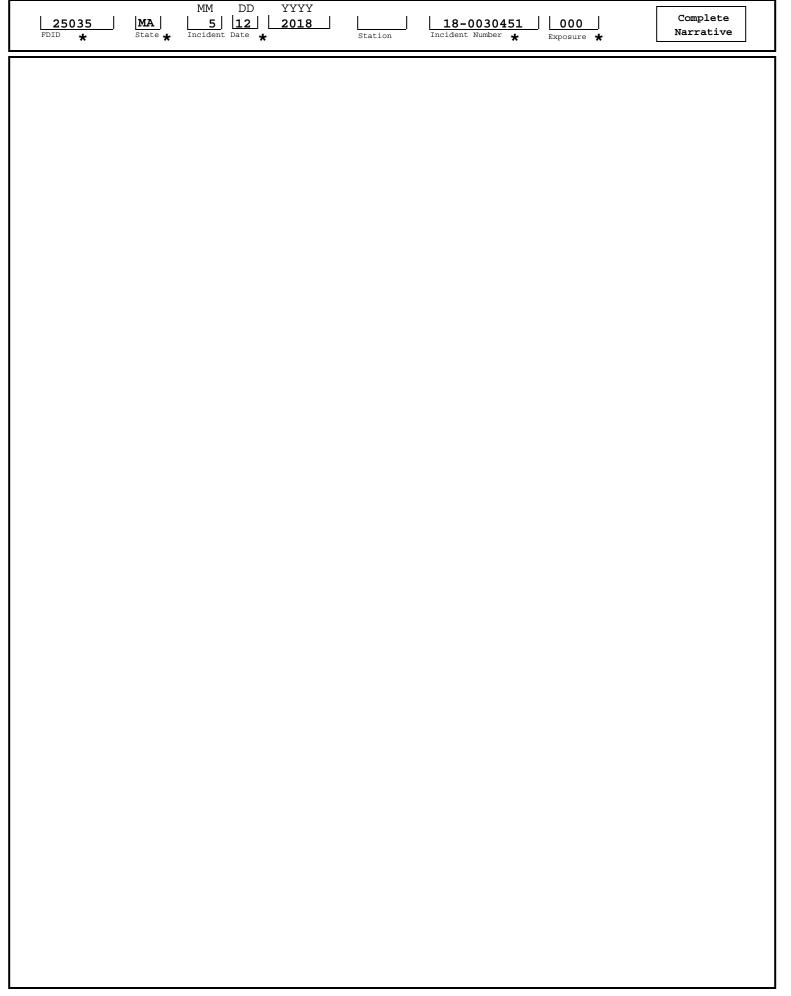
Ladder 16 would go back in to the fire building to complete the secondary search. Authorization box conducted a primary search in exposure in building D and forced doors on the exposure building fine resolution and the back of the building fine resolution of the exposure in building fine place. Can be supervisor all operations in this sector. R2 on the order of Operations of the property of the back of the back

Commissioner Finn due to multiple alarm fire in District 7. Ladder 28 responded on the second alarm and position the apparatus on the Charlie side. Ladder 28 put 2 4X4\$ wholes in the roof using a chain saw. All other members of Ladder 28 performed primary searches on beginn Fire Department two and overhauled on floors 1,2, and 3. Upon arrival on Engine 48, company ran attack line over a ground ladder to floor 3. They attacked the fire in the attack once

#### Narrative:

While responding to box 2883 Ladder 25 observed heavy fire showing from large condominium complex Lt Briscoe immediately struck the second alarm, then third shortly after. There were two occupants that were screaming for help from the third floor window. Under heavy fire conditions. Lt Briscoe grabbed a 28 Ft ladder off of Ladder 25 and, FF Michael Blarney, FF Richard Widener and FF Russell Watt threw the 28ft Ladder to the third floor window. FF Widener climbed the ladder to the third window and Ladder 25 brought the trapped occupants down. At around the same time Engine 30 took a 2.5 ich line to the front of the building with approximately 150 ft. of line and attacked the fire that was burning at a gas line trying not to extinguish the fire. Engine 30's chauffeur grabbed a hydrant on the Alpha side Engine 53 was the second engine on scene. They ran a 2.5 line to the of the building. Alpha side of the building and knocked down heavy fire. Engine 53 took the line over a 35 foot ladder that Ladder through to second floor on the A/B corner. Engine 53 did a primary search for fire spread on the second floor. ( later on Engine 53 was ordered out of the building and set up a blitz gun helped out Engine 30 in control of the gas fire ). Lack of hydrants in the front in the initial stages of the building was a problem but all companies did a great job of working together to overcome and adapt. Engine 55 secured a water supply and advanced a 2.5 line to the front of the building to join in the effort to knock down heavy fire and cool the gas line that continued to burn being careful not to put it out. Ladder 16 threw another ground ladder to the 3rd floor porch on the Charlie side. securing the ladder, Ladder 16 went to the 3rd floor to open up apartment doors to conduct a primary search. ( Engine 28 had a line on the third floor ready to knock down any exposed The second apartment was met with heavy fire in the ceiling. ( Engine 48 had a charged line in place ). ( Later, FF Norman had a ceiling come down on him while overhauling ( at this point we were ordered out of the building )FF Norman went with EMS to the hospital. ( Later, Ladder 16 change their bottles and set up pipe operations. ) Engine 41 supplied Ladder 16 with water. ( Later on ladder 16 help open up windows on the Alpha side. Ladder 16 would go back in to the fire building to complete the secondary search. Rescue 2 on the box conducted a primary search in exposure in building D and forced doors on the exposure building ( search was negative and few hot spots in 3 apartments on the exposure side. Company then continued open ceilings in the bath room with Engine 21's line in place. supervisor all operations in this sector. R2 on the order of Operations C7 opened the hatch to the cockloft in this exposure building, very little smoke was trapped. Engine 21 played their line in the cockloft. Two members of Rx conducted a primary on floor 2 and 3 or the main fire building before existing. ( R2 was released by Commissioner Finn due to multiple alarm fire in District 7. Ladder 28 responded on the second alarm and position the apparatus on the Charlie side. Ladder 28 put 2 4X4\$ wholes in the roof using a chain saw. members of Ladder 28 performed primary searches on floors one and two and overhauled on floors 1,2, and 3. Upon arrival on Engine 48, company ran attack line over a ground ladder to floor 3. They attacked the fire in the attack once the ceiling was taken down. Companies were then ordered out of the building. Engine 48 ran another line over L10's aerial. Members returned to the interior and washed down floors 2 and 3. Engine 48 removed water from the building by putting holes in exterior walls. Engine 42 secured a hydrant on the Charlie side of the building. E-42 stretched their attack line on floor number 3 and then moved from 1216 VFW Parkway to 1214 VFW Parkway Floor 3. E-42 evacuated the building and relieved E-55 from their line. Engine 42 returned to their line on floor 3 and breached a wall to drain some water from floor 3. After a wash down and a check with their Thermal Imager , Engine 42 returned to quarters.

FF Ameto ( phone 858-900-1620) an off duty fire fighter from L-26 helped several people from the Alpha side of Floor 3 to Ladder 25's ground.



A	YYY <b>2018</b>	Station	18-0030	<del></del>	000 Exposure	Dele Char No		NFIRS -2 Fire
B Property Details  B1 0060 Not Residential  Estimated Number of residential living uni building of origin whether or not all unit became involved		_	ucts hree codes. ( for each code	S None are as Proceed one entered.	nounts of c gricultural roperty, wh  Bull Proc Pacl	products of ether or no k storage cessing of	e or ware or manufa ods for s	energy or s on the ame involved  chousing acturing
B2 001 Buildings not involved	ved	On-site materia	1 (2)		2 Prod 3 Pack 4 Repa	cessing o kaged goo air or s		acturing sale
Acres burned (outside fires) Less than one acre		On-site materia			2 Prod 3 Pacl 4 Repa	cessing okaged goo air or s		acturing
D Ignition D1   UU     Undetermined	E <sub>1</sub>	Skip to sec	f this is an exp tion G	oosure report	.	heck all a	nting To applicable ap	X
Area of fire origin *  D2 UU   Undetermined  Heat source *	4 5 U	Act of natu Cause under X Cause undet	equipment or h re investigation ermined after	ı investigat:	ion	alcol  Unatt  Poss:	cally Dis	gs son ıl disabled
D3 UU   Undetermined   Check Box if fire spread   1   Check Bo	<b></b> 2	UU Unde Factor Contributir	etermined ng To Ignition (	1)	None Es	7 Age vestimated	was a fact age of volved	
Brand  Model  Serial #  Year	Equipm F3 Eq	Equipment  ment Power Source  quipment Po:  1 Portable  2 Stational  le equipment not by one person, in multiple loc es no tools to	rtability  ry  rmally can be is designed to cations, and install.	Ent  Fire su  Fire su	re Supp  ter up to  ppression f  ppression f  Local	Eactor (2)	n Facto	Drs □None
None  1 Not involved in ignition, but burned 2 Involved in ignition, but did not burn 3 Involved in ignition and burned	ile prope	erty type	Type & Ma	ke	Some this from  Arso Poli Coro	Pre-Fire of the inf report may other Agen on report ce repor		esented in pon reports  d ed
License Plate Number State VI	IN Number	r			N	VFIRS-2 F	Revision	01/19/99

I1 Structure Type *  If Fire was In enclosed building or a portable/mobile structure complete the rest of this form	I <sub>2</sub> Building Status *  1 Under construction	I <sub>3</sub> Building * Height Count the ROOF as part of the highest story	I4 Main Floor Size* NFIRS-3 Structure Fire
1 X Enclosed Building 2 Portable/mobile structure 3 Open structure 4 Air supported structure 5 Tent 6 Open platform (e.g. piers) 7 Underground structure(work areas) 8 Connective structure (e.g. fences) 0 Other type of structure	2 X Occupied & operating 3 Idle, not routinely used 4 Under major renovation 5 Vacant and secured 6 Vacant and unsecured 7 Being demolished O Other U Undetermined	Total number of stories at or above grade  001  Total number of stories below grade	Total square feet  OR  Lenght in feet  Width in feet
J1 Fire Origin *  O01 Below Grade Story of fire origin  J2 Fire Spread *  1 Confined to object of origin 2 Confined to room of origin 3 Confined to floor of origin 4 Confined to building of origin 5 Beyond building of origin	Damaged By Flar Damaged By Flar Dunt the ROOF as part of the hi  Number of stories w/ minor of (1 to 24% flame damage)  Number of stories w/ signif: (25 to 49% flame damage)  Number of stories w/ heavy of (50 to 74% flame damage)  Number of stories w/ extreme (75 to 100% flame damage)	To Check of the story amage  Check of the story of the st	cerial Contributing Most Flame Spread  k if no flame spread skip To ame as material first ignited section L    Undetermined     Contributing most to flame spread    Undetermined     Of material contributing of flame spread     Required only if item contributing code is 00 or<70
L1 Presence of Detectors *  (In area of the fire)  N None Present Skip to section in a section i	A 2 Hardwire only 3 Plug in 4 X Hardwire with bat 5 Plug in with batt 6 Mechanical 7 Multple detectors power supplies 0 Other U Undetermined  L4 Detector Opera	Require  L6 Det  Require  1 Natert 2 Occup 3 There 4 Faile U Undet  Require  1 Power 2 Impro 3 Defect 4 Lack 5 Batte 6 Batte m L6)  Other	cector Failure Reason d if detector failed to operate failure, shutoff or disconnect oper installation or placement stive of maintenance, includes cleaning ory missing or disconnected ry discharged or dead
1 Drogont	System Required if fire  1 Operated 2 Operated 3 Fire too 4 Failed t 0 Other U Undeterm  M4 Number Heads O Required if		M4 1

A 2503				YYY 2018	Station		-0030451 t Number *		NFIRS - 9 Apparatus or Resources
B Apparat	tus or * urce		Date and T heck if same as a Month Day	larm date	Hour Min	Sent	Number of * People	USE Check ONE box for each apparatus to indicate its main use at the incident.	Actions Taken
I ID (	00	_	X 5 12 X 5 12 X 5 12	2018 2018 2018	06:07 06:20 08:57	x		X Suppression EMS Other	
Ī	00	_	X 5 12 X 5 12 X 5 12	2018 2018 2018	06:07  06:20  09:11	x		X Suppression EMS Other	
3 ID (	C27 92	_	X 5 12 X 5 12 X 5 12	2018 2018 2018	-	x	<u> </u>	X Suppression EMS Other	
4 ID 1	D04	_	X 5 12 X 5 12 X 5 12	2018 2018 2018	06:02 06:18 08:57	x		X Suppression EMS Other	
5 ID []		_	X 5 12 X 5 12 X 5 12	2018 2018 2018	06:02 06:25 16:51	x		X Suppression EMS Other	
	D12	_	X 5 12 X 5 12 X 5 12	2018 2018 2018	05:58 06:16 07:07	x	_ 0 _	X Suppression EMS Other	
	E03	_	X 5 12 X 5 12 X 5 12	2018 2018 2018	-	x		X Suppression EMS Other	
_	E04	_	X 5 12 X 5 12 X 5 12	2018 2018 2018	09:03 09:37 08:43	x	0	X Suppression EMS Other	
l .	E16	_	X 5 12 X 5 12 X 5 12	2018 2018 2018	06:02 06:17 11:09	x	_ 0 _	X Suppression EMS Other	

<b>A</b>	25035 M	MM DD YYYY  A 5 12 2018 Let * Station		-0030451		NFIRS - 9 Apparatus or Resources
	paratus or * Resource	Date and Times  Check if same as alarm date  Month Day Year Hour	Sent X	Number of * People	Use Check ONE box for each apparatus to indicate its main use at the incident.	Actions Taken
1 T	ID <b>E16</b>	Dispatch X 5 12 2018 09:0  Arrival X 5 12 2018 09:4  Clear X 5 12 2018 11:0	0 X	0	X Suppression EMS Other	
2 T	ID <b>E21</b>	Dispatch X 5 12 2018 09:0  Arrival X 5 12 2018 06:2  Clear X 5 12 2018 08:3	5 X		X Suppression EMS Other	
3	ID <b>E24</b>	Dispatch X 5 12 2018 06:1  Arrival X 5 12 2018 06:2  Clear X 5 12 2018 09:2	5 X		X Suppression EMS Other	
4 T	ID <b>E28</b>	Dispatch X 5 12 2018 06:0  Arrival X 5 12 2018 06:1  Clear X 5 12 2018 08:4	7 X		X Suppression EMS Other	
5	ID <b>E29</b>	Dispatch X 5 12 2018 06:0  Arrival X 5 12 2018 06:1  Clear X 5 12 2018 10:2	7 X	0	X Suppression EMS Other	
6	ID <b>E30</b>	Dispatch X 5 12 2018 05:5  Arrival X 5 12 2018 06:1  Clear X 5 12 2018 08:0	1 X	0	X Suppression EMS Other	
7	ID <b>E37</b>	Dispatch X 5 12 2018 06:2  Arrival X 5 12 2018 06:3  Clear X 5 12 2018 09:3	9 X		X Suppression EMS Other	
8 T	ID <b>E41</b>	Dispatch X 5 12 2018 06:0  Arrival X 5 12 2018 06:1  Clear X 5 12 2018 09:2	2 X	_ 0	X Suppression EMS Other	
9 T	ID <b>E42</b>	Dispatch X 5 12 2018 06:1  Arrival X 5 12 2018 06:1  Clear X 5 12 2018 09:3	7 X	0	X Suppression EMS Other	

<b>A</b>	25035 Mi			-0030451	(	NFIRS - 9 Apparatus or Resources
	aratus or * esource	Date and Times  Check if same as alarm date  Month Day Year Ho	Sent X	l_ ,	Use Check ONE box for each apparatus to indicate its main use at the incident.	Actions Taken
1 T <sub>2</sub>	ID <b>E48</b>	Arrival X 5 12 2018 0	06:02 06:12 09:30	_ 0 _	X Suppression EMS Other	
2	ID <b>E49</b>	Arrival X 5 12 2018 0	06:02 06:36 14:27		X Suppression EMS Other	
3 T <sub>2</sub>	ID <b>E51</b>	Arrival X 5 12 2018 1	09:37 10:09 08:37		X Suppression EMS Other	
4 T3	ID <u>E52</u>	Arrival X 5 12 2018 0	06:02 06:17 09:33		X Suppression EMS Other	
5 T3	ID <b>E53</b>	Arrival X 5 12 2018 0	06:00 X 06:10 X	0	X Suppression EMS Other	
6 T3	ID <b>E53</b> VPe <b>11</b>	Arrival X 5 12 2018 1	13:41 X 13:56 X	0	X Suppression EMS Other	
7 T3	ID <b>E55</b>	Arrival X 5 12 2018 0	06:00 X 06:16 X 18:12		X Suppression EMS Other	
8 T3	ID <b>E56</b>	Arrival X 5 12 2018 1	15:47 16:37 X 09:11	_ 0	X Suppression EMS Other	
9 T3	ID <b>G04</b>		08:00 X 08:02 X	0	X Suppression EMS Other	

<b>A</b>	25035 Mi			0030451 Number *		NFIRS - 9 Apparatus or Resources
	aratus or * esource	Date and Times  Check if same as alarm date  Month Day Year Hou	x	_ of _ ^	USE Check ONE box for each apparatus to indicate its main use at the incident.	Actions Taken
1 T <sub>2</sub>	ID <u>H02</u> ype <u>62</u>	Arrival X 5 12 2018 06	5:02 5:21 X 3:12	_ 0 _	X Suppression EMS Other	
2	ID <u>L04</u>	Arrival X 5 12 2018 06	5:02 5:39 X	_ 0 _	X Suppression EMS Other	
3 T <sub>2</sub>	ID <b>L06</b>	Arrival X 5 12 2018 10	0:47 0:09   X 0:05	_ 0 _	X Suppression EMS Other	
4 T3	ID <u>L14</u>	Arrival X 5 12 2018 06	5:17 5:18 X		X Suppression EMS Other	
5 T3	ID <b>L15</b>	Arrival X 5 12 2018 09	9:15 9:52 9:32	_ 0 _	X Suppression EMS Other	
6 T3	ID <b>L16</b>	Arrival X 5 12 2018 06	5:00 X 5:06 X	_ 0 _	X Suppression EMS Other	
7 T3	ID <b>L19</b>	Arrival X 5 12 2018 07	7:03 7:03 X	_ 0 _	X Suppression EMS Other	
8 T3	ID <b>L25</b>	Arrival X 5 12 2018 06	5:58 X 5:17 X	_ 0 _	X Suppression EMS Other	
9 T3	ID <b>L26</b>		5:10 5:16 X		X Suppression EMS Other	

	MM DD YYYY  A 5 12 201  ate * Incident Date *	8 L Station		-0030451 t Number *		Delete Change	NFIRS - 9 Apparatus or Resources
B Apparatus or * Resource	Date and Time Check if same as alarm Month Day Yea	date	Sent	Number of * People	Use Check ONE box for apparatus to indic its main use at th incident.	each ate	cions Taken
1 ID L28 Type 12	Arrival X 5 12	2018 06:02   2018 06:39   2018 09:38	x		X Suppression EMS Other	on	
2 ID <u>L29</u> Type 00	Arrival X 5 12 2	2018 06:02   2018 06:25   2018 08:58	x		X Suppression EMS Other	on	
3 ID M05	Arrival X 5 12 2	2018 06:48   2018 07:09   2018 16:50	x	_ 0 _	X Suppression EMS Other	on	
4 ID N05	Arrival X 5 12 2	2018 10:53 2018 10:53 2018 07:05	x	_ 0 _	X Suppression EMS Other	on	
5 ID R02	Arrival X 5 12 2	2018 06:00   2018 06:08   2018 09:42	x	0	X Suppression EMS Other	on	
6 ID TL10 Type 12	Arrival X 5 12 2	2018 06:24 2018 06:32 2018 07:05	x	0	X Suppression EMS Other	on	
7 ID <u>TL3</u> Type 62	Arrival X 5 12	2018 06:07   2018 06:32   2018 09:11	X	0	X Suppression EMS Other	on	
8 <sub>ID W12</sub>	Arrival X 5 12	2018 06:02   2018 07:09   2018 10:38	x	_ 0 _	X Suppression EMS Other	on	
9 ID W25	1	2018 10:36 2018 10:36 1	x	0	X Suppression	on	
Type of Apparatus Ground Fire Suppre 11 Engine 12 Truck or aerial 13 Quint 14 Tanker & pumper 16 Brush truck 17 ARF (Aircraft Re 10 Ground fire suppose Heavy Ground Equip 21 Dozer or plow 22 Tractor 24 Tanker or tender 20 Heavy equipment, Aircraft 41 Aircraft: fixed 42 Helitanker	combination scue and Firefighting) ression, other pment other	Marine Equipme 51 Fire boat wi 52 Boat, no pum 50 Marine appar Support Equipme 61 Breathing ap 62 Light and ai 60 Support appar Medical & Reso 71 Rescue unit 72 Urban Search 73 High angle r 75 BLS unit 76 ALS unit 70 Medical and	th pump paratus, coment oparatus r unit dratus, cue	other s support other cue unit	92 Chie 93 HazM 94 Type 95 Type 99 Priv 00 Othe	r apparatı	tional l post car
43 Helicopter 40 Aircraft, other						RS-9 Revi	sion 11/17/98

A	MM DD YYYY  MA 5 12 2018  State * Incident Date *	 Station		0030451   Number *	000 Exposure *	Detete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ~ appara	Use ONE box for each tus to indicate in use at the ent.	h List up t	o 4 actions apparatus personnel.
1 ID C01	Arrival X 5 12 2018	06:07	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID C07	Arrival X 5 12 2018	06:02   06:20   08:57	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 ID C27	Arrival X 5 12 2018	3 06:08 3 06:08 3 09:11	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A25035	MA DD YYYY  12 2018  State *	Station		0030451   Number *	000 Exposure *	Detete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for eacatus to indicate ain use at the ent.	h List up t	o 4 actions apparatus personnel.
1 ID D04 Type 92	Dispatch X 5 12 2018  Arrival X 5 12 2018  Clear X 5 12 2018		Sent X		Suppression EMS Other	L	
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID D08	Arrival X 5 12 2018	06:02   06:25   08:57	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 <sub>ID D12</sub>	Arrival X 5 12 2018	3 05:58 3 06:16 3 16:51	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A 25035 +	MM DD YYYY  State * Incident Date *	Station	18- Incident	0030451 Number *	000 Exposure *	Delete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for eachitus to indicate in use at the ent.	h List up t for each	o 4 actions apparatus personnel.
1 ID <u>E03</u>		B 06:14 B 06:25 B 07:07	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID E04	Arrival X 5 12 201	B 09:03 B 09:37 B 12:10	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 ID E16	Arrival X 5 12 201	3 06:02 B 06:17 B 08:43	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A	MM DD YYYY  MA 5 12 2018  State * Incident Date *	Station		0030451   Number *	000 Exposure *	Detete	FIRS - 10 ersonnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ~ appara	Use ONE box for each tus to indicate in use at the ent.	h List up t	o 4 actions apparatus personnel.
1 ID E16		09:07 B 09:40 B 11:09	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID <u>E21</u> Type <u>11</u>	Arrival X 5 12 2018	06:09   06:25   07:18	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 ID E24 Type 11	Arrival X 5 12 2018	3 06:13 3 06:25 3 08:39	Sent		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A25035	MM DD YYYY  5 12 2018  State * Incident Date *	Station	<b>18-</b> Incident	0030451   Number *	000 Exposure *	Delete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for each tus to indicate in use at the ent.	h List up t for each	o 4 actions apparatus personnel.
1 ID <u>E28</u>		B 06:00 B 06:17 B 09:21	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID E29 Type 11	Arrival X 5 12 2018	B 06:04 B 06:17 B 08:42	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 <sub>ID</sub> <u>E30</u>	Arrival X 5 12 2018	05:58	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A	MM DD YYYY  MA 5 12 2018  State * Incident Date *	Station		0030451   L	000 Exposure *	Detete	FIRS - 10 ersonnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins	$  \mathbf{x}  $	_ ^ appara	Use ONE box for each tus to indicate in use at the nt.	h List up t	o 4 actions apparatus personnel.
1 ID E37 Type 11		06:27 06:39 08:03	Sent X		Suppression MS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID <u>E41</u> Type <u>11</u>	Arrival X 5 12 2018	06:04   06:12   09:36	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 ID E42 Type 11	Arrival X 5 12 2018	06:14	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A25035	MA DD YYYY  12 2018  State *	Station		0030451   Number *	000 Exposure *	Delete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for eachtus to indicate in use at the ent.	h List up t	o 4 actions apparatus personnel.
1 ID E48	Dispatch X 5 12 2018  Arrival X 5 12 2018  Clear X 5 12 2018		Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID E49 Type 11	Arrival X 5 12 2018	06:27   06:36   08:01	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 <sub>ID E51</sub>	Arrival X 5 12 2018	3 09:37 3 10:09 3 14:27	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A25035	MA DD YYYY  12 2018  State *	Station		0030451   Number *	000 Exposure *	Detete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for eacatus to indicate ain use at the ent.	h List up t	o 4 actions apparatus personnel.
1 ID E52	Dispatch X 5 12 2018  Arrival X 5 12 2018  Clear X 5 12 2018		Sent X		Suppression EMS Other	L	
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID E53	Arrival X 5 12 2018	06:00   06:10   09:33	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 <sub>ID E53</sub>	Arrival X 5 12 2018	3   13:41 3   13:56 3   16:43	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A 25035	MM DD YYYY  5 12 2018  State *	Station		0030451   Expos	000   sure *	Delete	FIRS - 10 ersonnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins	$  \mathbf{x}  $	of _ Check ONE	box for each to indicate se at the	List up to	ns Taken o 4 actions apparatus personnel.
1 ID E55	Arrival X 5 12 2018	06:00	Sent X	Supp 0 EMS	pression	L	
Personnel ID	Name	Rank or Grade	Attend X		ction Caken	Action Taken	Action Taken
2 ID E56	Arrival X 5 12 2018	B 15:47 B 16:37 B 18:12	X	Supple Su	pression		
Personnel ID	Name	Rank or Grade	Attend		ction Caken	Action Taken	Action Taken
3 ID G04	Arrival X 5 12 2018	8 08:00 8 08:02 8 09:11	Sent X	Supplement of the control of the con	pression		
Personnel ID	Name	Rank or Grade	Attend X	1	ction Caken	Action Taken	Action Taken

A 25035 +	MA DD YYYY  12 2018  State *	Station		0030451   Number *	000 Exposure *	Delete	FIRS - 10 ersonnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for eachtus to indicate in use at the ont.	h List up t for each	o 4 actions apparatus personnel.
1 ID H02	Arrival X 5 12 2018	3 06:02 3 06:21 3 08:12	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID <u>L04</u> Type <u>12</u>	Arrival X 5 12 201	B 06:28 B 06:39 B 07:05	X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend	Action Taken	Action Taken	Action Taken	Action Taken
3 ID L06	Arrival X 5 12 201	3 09:47 3 10:09 3 12:10	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A25035	MM DD YYYY  12 2018  State * Incident Date *	Station		0030451   Number *	000 exposure *	Detete	FIRS - 10 ersonnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for each tus to indicate in use at the nt.	h List up t	ns Taken o 4 actions apparatus personnel.
1 ID <u>L14</u> Type <u>12</u>	Dispatch X 5 12 2018  Arrival X 5 12 2018  Clear X 5 12 2018		Sent X		uppression MS other		
Personnel ID	Name	Rank or Grade	Attend	Action Taken	Action Taken	Action Taken	Action Taken
2 ID <u>L15</u> Type <u>12</u>	Arrival X 5 12 2018	8 09:15 8 09:52 8 11:09	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 ID <u>L16</u>	Arrival X 5 12 2018	3 06:00 3 06:06 3 09:32	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend	Action Taken	Action Taken	Action Taken	Action Taken

A25035	MA DD YYYY  12 2018  State *	Station		0030451   Number *	000 Exposure *	Delete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for eachtus to indicate thin use at the ent.	h List up t	o 4 actions apparatus personnel.
1 <sub>ID L19</sub>	Dispatch X 5 12 2018  Arrival X 5 12 2018  Clear X 5 12 2018	:	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID <u>L25</u>	Arrival X 5 12 2018	05:58 B 06:17 B 09:34	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 <sub>ID</sub> <u>L26</u> <sub>Type</sub> <u>12</u>	Arrival X 5 12 2018	06:10   06:16   07:04	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A 25035 +	MM DD YYYY  State * Incident Date *	Station	<b>18-</b> Incident	0030451   Number *	000 Exposure *	Delete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for eac tus to indicate in use at the ent.	h List up t for each	o 4 actions apparatus personnel.
1 ID <u>L28</u>		B 06:02 B 06:39 B 09:38	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID <u>L29</u> Type <u>12</u>	Arrival X 5 12 201	B 06:04 B 06:25 B 08:14	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 <sub>ID</sub> <u>M05</u>	Arrival X 5 12 201	3 06:48 B 07:09 B 08:58	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A25035	MA DD YYYY  12 2018  State *	Station		0030451   Number *	000 Exposure *	Delete	FIRS - 10 Personnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ^ appara	Use ONE box for eachtus to indicate thin use at the ent.	h List up t	o 4 actions apparatus personnel.
1 ID N05	Dispatch X 5 12 2018  Arrival X 5 12 2018  Clear X 5 12 2018		Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID R02	Arrival X 5 12 2018	06:00   06:08   07:05	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 <sub>ID</sub> <u>TL10</u>	Arrival X 5 12 2018	06:24   06:32   09:42	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

A	MM DD YYYY  MA 5 12 2018  State * Incident Date *	Station		0030451   Number *	000 Exposure *	Detete	FIRS - 10 ersonnel
B Apparatus or Resource	Check if same as alarm date	Hours/mins		_ ~ appara	Use ONE box for each tus to indicate in use at the int.	h List up t	o 4 actions apparatus personnel.
1 ID TL3 Type 12	Arrival X 5 12 2018	06:07 B 06:32 B 07:05	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
2 ID W12 Type 62	Arrival X 5 12 2018	B 06:02 B 07:09 B 09:11	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken
3 ID W25	Arrival X 5 12 2018	3 10:36 3 10:36 3 10:38	Sent X		Suppression EMS Other		
Personnel ID	Name	Rank or Grade	Attend X	Action Taken	Action Taken	Action Taken	Action Taken

EDID State Incident Date	2018	18-0030451 Incident Number	Exposure	Responding Units/Personnel
Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
C01 C01	06:07:44	06:07:44	06:20:28	08:57:57
Staff ID\Staff Name	Activity	Rank	Position	Role
C07 Division 2 Deputy Chief	06:02:48	06:02:48	06:20:32	08:57:50
Staff ID\Staff Name	Activity	Rank	Position	Role
C27 Central Artery Plans,  Staff ID\Staff Name	06:08:46 Activity	06:08:52 Rank	06:08:53 Position	09:11:43 Role
D04 District 4 Chief	06:02:48	06:05:15	06:18:50	08:06:39
Staff ID\Staff Name	Activity	Rank	Position	Role
D08 District 8 Chief	06:02:48	06:02:48	06:25:30	08:57:53
Staff ID\Staff Name	Activity	Rank	Position	Role
D12 District 12 Chief	05:58:08	06:00:04	06:16:41	16:51:04
Staff ID\Staff Name	Activity	Rank	Position	Role
E03 Engine 3	06:14:38	06:14:45	06:25:26	07:07:21
Staff ID\Staff Name	Activity	Rank	Position	Role

EDID State Incident Date		18-0030451 Incident Number	Exposure	Responding Units/Personnel
Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
E04 Engine 4	09:03:02	09:08:53	09:37:31	12:10:04
Staff ID\Staff Name	Activity	Rank	Position	Role
E16 Engine 16	06:02:48	06:02:48	06:17:51	08:43:53
Staff ID\Staff Name	Activity	Rank	Position	Role
E16 Engine 16	09:07:30	09:12:40	09:40:03	11:09:01
Staff ID\Staff Name	Activity	Rank	Position	Role
E21 Engine 21	06:09:01	06:09:07	06:25:03	07:18:04
Staff ID\Staff Name	Activity	Rank	Position	Role
E24 Engine 24	06:13:51	06:18:15	06:25:06	08:39:10
Staff ID\Staff Name	Activity	Rank	Position	Role
E28 Engine 28	06:00:08	06:00:42	06:17:45	09:21:24
Staff ID\Staff Name	Activity	Rank	Position	Role
E29 Engine 29	06:04:42	06:08:29	06:17:22	08:42:36
Staff ID\Staff Name	Activity	Rank	Position	Role

25035 MA 5 L12 FDID State Incident Date	<b>2018</b>	18-0030451 Incident Number		Responding Units/Personnel
Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
E30 Engine 30	05:58:08	05:58:08	06:11:54	10:25:40
Staff ID\Staff Name	Activity	Rank	Position	Role
E37 Engine 37	06:27:03	06:27:11	06:39:08	08:03:13
Staff ID\Staff Name	Activity	Rank	Position	Role
E41 Engine 41	06:04:42	06:04:42	06:12:00	09:36:53
Staff ID\Staff Name	Activity	Rank	Position	Role
E42 Engine 42	06:14:38	06:14:38	06:17:44	09:23:37
Staff ID\Staff Name	Activity	Rank	Position	Role
E48 Engine 48	06:02:48	06:05:24	06:12:19	09:30:47
Staff ID\Staff Name	Activity	Rank	Position	Role
E49 Engine 49	06:27:03	06:27:11	06:36:51	08:01:02
Staff ID\Staff Name	Activity	Rank	Position	Role
E51 Engine 51	09:37:33	09:41:02	10:09:44	14:27:56
Staff ID\Staff Name	Activity	Rank	Position	Role

25035 MA 5 Incident Date		18-0030451 Incident Number		Responding Units/Personnel
Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
E52 Engine 52	06:02:48	06:02:48	06:17:40	08:37:14
Staff ID\Staff Name	Activity	Rank	Position	Role
E53 Engine 53	06:00:08	06:00:17	06:10:31	09:33:05
Staff ID\Staff Name	Activity	Rank	Position	Role
E53 Engine 53	13:41:44	13:43:48	13:56:24	16:43:30
Staff ID\Staff Name	Activity	Rank	Position	Role
E55 Engine 55	06:00:08	06:00:45	06:16:52	10:11:43
Staff ID\Staff Name	Activity	Rank	Position	Role
E56 Engine 56	15:47:20	15:50:59	16:37:40	18:12:23
Staff ID\Staff Name	Activity	Rank	Position	Role
G04 G04	08:00:16	08:00:16	08:02:29	09:11:46
Staff ID\Staff Name	Activity	Rank	Position	Role
H02 Special Unit	06:02:48	06:04:12	06:21:52	08:12:01
Staff ID\Staff Name	Activity	Rank	Position	Role

EDID State Incident Date		18-0030451 Incident Number		Responding Units/Personnel
Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
L04 Ladder 4	06:28:59	06:29:25	06:39:22	07:05:01
Staff ID\Staff Name	Activity	Rank	Position	Role
L06 Ladder 6	09:47:08	09:47:17	10:09:47	12:10:04
Staff ID\Staff Name	Activity	Rank	Position	Role
L14 Ladder 14	06:17:55	06:17:55	06:18:06	09:05:17
Staff ID\Staff Name	Activity	Rank	Position	Role
L15 Ladder 15	09:15:17	09:22:10	09:52:01	11:09:00
Staff ID\Staff Name	Activity	Rank	Position	Role
L16 Ladder 16	06:00:08	06:01:03	06:06:36	09:32:38
Staff ID\Staff Name	Activity	Rank	Position	Role
L19 Ladder 19	07:03:08	07:03:08	07:03:11	07:12:44
Staff ID\Staff Name	Activity	Rank	Position	Role
L25 Ladder 25	05:58:08	06:00:03	06:17:36	09:34:02
Staff ID\Staff Name	Activity	Rank	Position	Role

EDID State Incident Date		18-0030451 Incident Number		Responding Units/Personnel
Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
L26 Ladder 26	06:10:04	06:10:08	06:16:31	07:04:45
Staff ID\Staff Name	Activity	Rank	Position	Role
L28 Ladder 28	06:02:48	06:02:48	06:39:17	09:38:28
Staff ID\Staff Name	Activity	Rank	Position	Role
L29 Ladder 29	06:04:42	06:04:42	06:25:15	08:14:14
Staff ID\Staff Name	Activity	Rank	Position	Role
M05 M05	06:48:16	06:48:16	07:09:18	08:58:04
Staff ID\Staff Name	Activity	Rank	Position	Role
N05 N05	10:53:07	10:53:07	10:53:11	16:50:44
Staff ID\Staff Name	Activity	Rank	Position	Role
R02 Rescue 2	06:00:08	06:00:22	06:08:33	07:05:12
Staff ID\Staff Name	Activity	Rank	Position	Role
TL10 Tower Ladder 10	06:24:35	06:24:35	06:32:49	09:42:15
Staff ID\Staff Name	Activity	Rank	Position	Role

Z5035 MA 5 Incident Date		18-0030451 Incident Number	000 Exposure	Responding Units/Personnel
Unit	Notify Time	Enroute Time	Arrival Time	Cleared Time
TL3 Tower Ladder 3	06:07:23	06:07:28	06:32:52	07:05:22
Staff ID\Staff Name	Activity	Rank	Position	Role
W12 Air Supply Unit	06:02:48	06:02:48	07:09:13	09:11:51
Staff ID\Staff Name	Activity	Rank	Position	Role
W25 Rehabilitation Unit	10:36:17	10:36:17	10:36:34	10:38:57
Staff ID\Staff Name	Activity	Rank	Position	Role

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25035 MA State *	MM DD YYYY  5 12 2018  Incident Date *	Station	18-00304 <b>50</b> 00	00000   Exposure *	NFIRS - Incident User Fields

Boston Fire Department 25035 05/12/2018 18-0030451

National Grid Telephonic Incident Notification



### TELEPHONIC INCIDENT NOTIFICATION FORM

### **Massachusetts Department of Public Utilities**

Pipeline Safety Division

DPU Use Only											
Date of Call:	5/12/2018	Time o	of Call:	0644		Report rec	eived by:	A.	Mot	ley	
SECTION 1 GEN	NERAL INFORMA	TION			_						
Operator's Nar	me:	Na	itional G	rid	Who N	Notified Opera	ator:			FD	
Person Filing Re	eport:	John			Incide	nt City/Town	: West Roxb	oury	1212	VFW Parkway	
Contact Phone	Number:	877.30	4.1203								
	IDENT INFORMA										
	check all that ap					LED DESCRIP					
	e w/Release of G	as		$\boxtimes$	_					a 6 alarm fire a is now feeding	
2. Evacuation						-		-		National Grid d	-
3. Gas Outage					have a	dditional infor	mation at th	is time. M	edia is	onsite	
4. 49 CFR 191					l						
5. Over/Unde					ł						
	n/Explosion										
7. LNG Facility	-				l						
8. LPG Facility					l						
9. Security Br				⊠	ł						
10. Media on s				<b>N</b>							
Operator receiv	ELINE (military ti	mej	06	515	Incide	nt made safe					
•	tched technician		+	517	-	e restored ( <i>if</i>					
	nician arrived o		_	529	SCIVIC	e restored (ij	иррпсиыс	•			
	DITIONAL INFOR			,25							
EVACUATION I		⊠ N			LEAK	INFORMATIO	N		I/A		
Evacuated by:			noose an	item.		lassification:				hoose an item	
No. of persons	evacuated:				Has th	e leak been s	secured?		1	Yes	
Time evacuated					Was g	as service int	errupted?			Yes	
Time allowed to	o re-enter:						-				
INJURIES/HOSE	PITALIZATION		/A		OUTA	GE INFORMA	ATION	□ N	I/A		
No. of persons	hospitalized:				Estima	ated duration	of outage:				
No. of persons	injured:				No. of	customers A	ffected:				
		'									
SECTION 4   D	ISTRIBUTION SY	STEM IN	FORMAT	ION							
Pipe Material (	select one): Cho	ose an it	em.	Opera	ting Pres	ssure (psig):		Pipe	Size (i	inches):	
SECTION 5 DA	MAGE PREVENT	ION INF	ORMATIC	ON			□ N/A				
Dig Safe No.		Dig Sa	e No. val	id?	□Ye	s	Site proper	rly marke	d?	☐ Yes	
Excavator Infor	rmation:										
SECTION 6 NA	TIONAL RESPON	ISE CENT	ER (NRC)	INFORI	MATION		□ N/A				
Incident report		Yes	<del></del>	reported			Time repo	orted (est	1.		

Photographs















Pressure Test Record

	Presoure	e Test	Record	2
	GAS SER	VICE RECOR	D	FC-10836.NG Rev. 11/200
SERVICE NO: 1214	VAN PKI	WY	TOWNWRO	STATE
SERVICE STREET:		DATE: /	12/18 SEI	RVICE ID#
CREW LEADER:	WORK ORD	DER# TAS	K# GRID#/REC	G.#/INT. DWG# I i
J Choou	tto 124	43//		<u> </u>
WORK PERFORMED:			RELAY RELOCA	TE TRANSFER
SERVICE DATA		TALLED TAP OTAGE SIZE MAIN		L PRESSURE COVER
MAIN PROPLINE TO: VALVE	R	DATA	1 1	
PROPLINE TO CURBLINE RISER		COVER PRES		MIN PRESSUR
METER SERVICE VALVE	METER EFV	CATH	ODIC PROTECTION	N
LOCATION INSTALLED	TE INC	ST STA. TALLED ANODES	ANODE LOCATION	INSULATED
IN YES .	YES YES CFH YES	S QUANTITY	RISER MAIN	
OUT D NO D	NO NO NO		MAIN 🗆	ANODELESS RISER L
PIPE LOT#		ACER WIRE YES  STED? NO	COMMENTS	
ABANDONED: AT	MAIN   WITH MAIN	AT VALVE O	THER ORIG. IN	STALL YEAR:
PUBLIC FOOTAGE:		TAGE PRIVATE FOOTA	AGE: SIZE	MATERIAL FOOTAG
MAIN PROPLINE TO: CURB LINE VALVE		☐ PROP LINE ☐ CURB LINE ☐ VALVE		
X St		test le 50, 20, 6:30, 6:43	pm	ed
	O.E. LOC. :	TAP LOCATION:		LOCATION:

**Odorization Test Results** 

# DISTINC: ODOR LEVEL TESTS

	0100.00	010	000	00	<u>.</u>	*	0			Waltham
	· ·	3		7	11.00.1	33.	124, 12	0 1	West	#14 Brandies College South St. (Epstein Bldg.)
	80	90	06	ÒS	5-10-11	1361-4	74.72	70 *	West	#21 Waltham Fire Station Prospect St. Waltham
	0,11	110	07	06	5-10-11	2361-4	14-12	FO	Central	#13 Newton Fire Station 31 Willow St. Newton
		119	67	07	5-10-11	2361-4	124.14	MA	Central	#9 Chelsea Fire Station Chestnut @ Broadway Chelsea
	. 10	010	Ce	60	5-10-11	2361-4	124,12	RH	Central	#11 Watertown Fire Station 564 Mt. Auburn St. Watertown
	09	09	07	07	5-10-11	2361-4	77.12	124	Central	#12 Milton Fire Station 515 Canton Ave. Milton
	01.	010	07	06	5-10-11	2781-4	7.74.12	124	Central	#7 Somerville Court House Middlsx Ave @ Fellsway Somerville
	09	0	05	100	5-10-11	138 ×	1-24-17	\$2×	Central	#5 E. Boston Fire Station Prescott St. E. Boston
REMARKS:	% Gas Converted Distinct	Odorator Distinct Reading	# Gas Converted Threshold	Odorator Threshold Reading	Odorator Calibration Date Performed	Odorator Serial #	Test Date	Test Conducted By	Distribution System Tested	LOCATION
			ļ							Route 2

IF THE DISTINCT READING IS LESS THAN .03 OR GREATER THAN .15, NOTIFY YOUR SUPERVISOR IMMEDIATEY