

SMS Incident Report

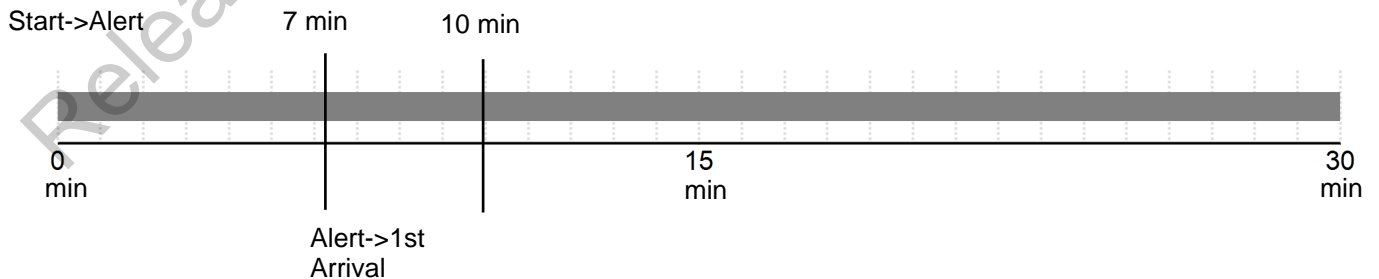
09/03/2020 14:53:14

Summary

CAD Number F2960283 **Status** Closed
Station Waiuku Volunteer Fire Brigade
Incident Started 03/03/2020 07:32:33 **Incident Ended** 03/03/2020 09:23:57
Incident Type 1101: Structure fire with damage
Common Name
Address / 134 Colombo Road Waiuku
Alarm Method 111 Telephone **Alarm Level** 1
PFA Number
Zone 175733
Map Grid E 1754963 **Map Grid N** 5875526
First Caller [REDACTED] **First Caller Contact** [REDACTED]
Incident Closed 03/03/2020 12:01:37
Report Completed 13:16, Sun 08 Mar 2020 by [REDACTED]

Responses

Call Sign	Type	Station Alert	Enroute Time	Arrival Time	Departed
WAIU571	P1	07:33:23 03 Mar 2020	07:37:39 03 Mar 2020	07:40:41 03 Mar 2020	09:24:01 03 Mar 2020
WAIU577	PR	07:33:24 03 Mar 2020	07:39:10 03 Mar 2020	07:42:34 03 Mar 2020	08:36:13 03 Mar 2020
FICOUNT3	FSO	07:55:13 03 Mar 2020	07:59:54 03 Mar 2020	08:45:27 03 Mar 2020	10:57:15 03 Mar 2020
FICOUNT4	FSO	08:07:05 03 Mar 2020	08:07:09 03 Mar 2020	08:48:46 03 Mar 2020	11:02:11 03 Mar 2020



Elapsed Times

Call Sign	Start To Alert	Alert To Arrival	Start To Arrival	Start To Departed
WAIU571	00:00:50	00:07:18	00:08:08	01:51:28

WAIU577	00:00:51	00:09:10	00:10:01	01:03:40
FICOUNT3	00:22:40	00:50:14	01:12:54	03:24:42
FICOUNT4	00:34:32	00:41:41	01:16:13	03:29:38

Notifications

Date	Time	Party Notified
03 Mar 2020	07:45:19	AAC COUNTIES MANUKAU GROUP PAGED
03 Mar 2020	07:46:59	CFO/DCFO WAIUKU PAGED
03 Mar 2020	07:47:35	COUNTIES 3 ACKN PAGE
03 Mar 2020	07:55:05	COUNTIES POWER

Message Log

Time	Message
07:33:11	INC INFO: GARAGE FIRE
07:33:14	** LOI search completed at 03/03/20 07:33:14
07:33:18	** Recommended unit WAIU571 for requirement PUMP (>5.1 km) ** Recommended unit
07:33:18	WAIU577 for requirement PUMP (>1.7 km)
07:33:20	Station Selcal used to Initiate Alerting. (WAIU571 at 1757 WAIUKU 184573)
07:33:20	Station Selcal used to Initiate Alerting. (WAIU577 at 1757 WAIUKU 184573)
07:33:23	ALERTING_COMPLETED WAIU571
07:33:24	ALERTING_COMPLETED WAIU577
07:33:24	WELL INVOLVED
07:33:32	AL: PAGING ACK RECEIVED FROM STATION 1757 at 03/03/20 07:33:32
07:33:58	EVAC IN PROGRESS
07:34:25	THERE IS A VEHICLE (MUSTANG) INSIDE THE GARAGE
07:34:44	CALLER IS TRYING TO GET EVERYONE OUT OF THE HOUSE
07:37:39	Unit WAIU571 [K1 : PROCEEDING TO INCIDENT]
07:39:01	INC INFO: SHED FIRE
07:39:10	Unit WAIU577 [K1 : PROCEEDING TO INCIDENT]
07:39:25	Unit WAIU571 [COMCEN COM : MESSAGE] DETAILS AND HYDRANTS PASSED
07:39:35	Unit WAIU571 [SITREP :] K99 PROCEEDING
07:40:18	INC INFO: GARAGE FIRE
07:40:41	Unit WAIU571 [K99 : PROPERTY FIRE WELL INV]
07:42:34	Unit WAIU577 [K2 : IN ATTENDANCE AT INCIDENT]
07:45:49	Unit WAIU571 [KC : UNIT CALLING]
07:46:54	Unit WAIU571 [SITREP :] SO [REDACTED] ONE 9M X 5M DOUBLE GARAGE ONE CREW IN BA O
07:46:54	NE LPD IN USE

07:46:59	Unit WAIU571 [KC : UNIT CALLING]
07:47:23	Unit WAIU571 [COMCEN COM : MESSAGE] DO YOU REQUIRE POWER
07:47:32	Unit WAIU571 [K11E : ELECTRICAL AUTHORITY REQUIRED]
07:50:16	Unit WAIU571 [KC : UNIT CALLING]
07:50:38	Unit WAIU571 [K11F : FIRE SAFETY REQUIRED]
07:50:56	INC INFO: GARAGE FIRE TOC 0732 TOA 0740
07:52:13	FIRE SAFETY PAGED
07:55:08	Pager used to Initiate Alerting.
07:55:13	ALERTING_COMPLETED FICOUNT3
07:55:26	FICOUNT3 ACK PAGE - ETA FOURTY MINUTES
07:59:54	Unit FICOUNT3 [K1 : PROCEEDING TO INCIDENT]
08:06:35	Unit WAIU571 [KC : UNIT CALLING]
08:06:56	Pager used to Initiate Alerting.
08:07:05	ALERTING_COMPLETED FICOUNT4
08:07:09	Unit FICOUNT4 [K1 : PROCEEDING TO INCIDENT]
08:07:27	Unit WAIU571 [SITREP :] FIRE CONTAINED DAMPENING DOWN HOTSPOTS
08:07:29	Unit FICOUNT4 [K38 : ASSOCIATE THIS UNIT TO EVENT - EVENT ADDRESS] VIA PHONE -
08:07:29	SAME VEHICILE AS FICOUNT3
08:13:41	Unit WAIU571 [KC : UNIT CALLING]
08:14:32	Unit WAIU571 [SITREP :] ETA FOR FIRE SAFETY
08:14:46	Unit FICOUNT3 [SITREP :] 30MIN
08:22:04	Alarm Timer Extended: 0
08:36:14	Unit WAIU577 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
08:45:28	Unit FICOUNT3 [K2 : IN ATTENDANCE AT INCIDENT]
08:48:46	Unit FICOUNT4 [K2 : IN ATTENDANCE AT INCIDENT]
09:00:00	Unit WAIU571 [KC : UNIT CALLING]
09:00:54	Unit WAIU571 [SITREP :] FIRE SAFETY ON SCENE
09:23:25	Unit WAIU571 [KC : UNIT CALLING]
09:23:58	Unit WAIU571 [K47 : STOP MESSAGE: MESSAGE UNCHANGED FROM INFORMATIVE] FI ON SCE
09:23:58	NE
09:24:01	Unit WAIU571 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
09:27:49	Alarm Timer Extended: 0
09:29:00	Alarm Timer Extended: 0
10:57:15	Unit FICOUNT3 [K6 : ON TELEPAGER]
11:02:11	Unit FICOUNT4 [K6 : ON TELEPAGER]
12:01:37	** Assigned Result Code: STRU, Detailed Event Type: 1100

Incident

CAD Number F2960283
Incident Reporter [REDACTED]
Incident Controller
Distance Travelled (km)
Delay In Receiving Call

Property Details

Occupant Owner
Building Owner Owner occupied
General Property Use Residential - not classified above
Special Property Use Storage Property - not classified above
Purpose Group

Actions

Persons Reported Trapped
Evacuation Status Not occupied at time of incident
Action Prior 1
Action Prior 2
Action Taken Extinguishment, salvage and ventilation

Civilians

Civilians Rescued 0
Civilians Extricated 0
Civilians Assisted 0
Civilians Evacuated 0

Origin

Location Garage, Carport, Vehicle storage, Storage Shed
Level 1st floor

Equipment Used

Quantity	Equipment
1	Hose reel, high pressure delivery
1	Low pressure delivery
1	Rescue saw
4	Equipment Not Listed

Equipment Involved

Equipment Involved

Year

Make

Model

Fire

Arrival Condition Totally involved fire**Heat Source** Heat from electrical equip: Defective or faulty**Termination Stage****First Object Ignited****First Object Material****Second Object Ignited****Second Object Material****Indicated Cause** Short circuit, earth fault**Certainty of Cause** High**Age of Person****Ethnicity****Gender****FAIP Service Offered** Unknown

Mobile

Vehicle Type Car, Taxi, Ambulance**Licence Plate****Year****Make** Ford**Model** Mustang

Comments

3/5/2020 9:08:56 AM

Reporter Comments

Exterior Examination;

An exterior examination of the property and surrounding area, was conducted.

I found no items which could not be accounted for and/or suggested they were/could have been used as an accelerant or ignition source for the fire.

Fire had severely damage the right end structure (looking from the front), more precisely the roof area which had dropped down, but still intact, due to possible burning of the wooden framing inside.

Discolouring of the iron on the roof had also occurred in this area.

The left side of the roof appeared to be less damaged.

A heat pattern (blacken iron) was noticeable externally at the right front corner of the garage.

A "V" heat pattern was noted on the iron cladding near the right roller door.

Heat and smoke damage was noted to the right gable end of the garage.

Windows in the shed were broken, although it was not possible to confirm if this had occurred prior to the fire, or occurred due to the fire, or from fire extinguishment by FENZ

The single door at the right end of the garage was missing.

The two single iron roller doors near the centre and left of the garage had been cut open by FENZ.

Due to fences and vegetation it was not possible to do a complete 360* of the outside.

Interior Examination;

I entered through the left roller door, where there was an old-style vehicle parked with a cover on it.

Heat and fire appears to have caused some damaged to this vehicle

There was shelving, work benches and various cabinets against all the walls.

A pool table was near the single door at the right end, and the compressor was near the single door beside (in front) of a fridge.

Next to the single door, half way up the wall, was a small electrical meter box, which appeared to have melted during the fire, rather than some possible form of electrical malfunction occurring.

An examination of the extension cord from the compressor and both electrical power plugs which both items were plugged into, were examined and there appeared to be no sign of any malfunction.

The timber roof framing at the right end (approximately above the pool table) had burnt away, causing the roof to collapse in that area.

Burning patterns on the wall timber framing and items in this area suggests fire has come down onto items below, rather than from low down up.

Above the pool table on the roof framing, was the electrical wiring from four lights, one light was hanging down but still intact.

Area of Origin;

In my opinion the area of origin was in the electrical wiring and/or light fitting at the right end of the garage.

Point of Origin;

The point of origin was undetermined, with the most likely being some form of an electrical malfunction in the electrical wiring and/or light fittings, above the pool table.

This has resulted in an electrical event from which arcing, sparking and possibly burning material has emanated.

This material has ignited other flammable items nearby (most possibly on flammable items stored below) and fire has then spread throughout the entire structure.

In my opinion this fire had been burning for some time, before being reported.

CONCLUSION;

Based on evidence and witness statements available at the time of this investigation, in my opinion the classification of this incident has been recorded as Accidental.

OTHER CAUSES CONSIDERED;

An unlawful fire cause was considered and was eliminated due to insufficient evidence or witness statements.

Natural fire causes were eliminated as there was no evidence in the areas of origin of chemicals prone to spontaneous reactions or natural weather phenomena having taken place.

A discarded cigarette and/or match was considered and eliminated, due to insufficient evidence or witness statements.



3/5/2020 9:24:18 AM

Reporter Comments

FSO Requested at incident F2960283 on 03 Mar 2020 07:32

3/5/2020 9:24:56 AM

Reporter Comments

F2960283 – 134 Colombo Rd Waiuku;

On Tuesday 3rd March 2020 -- I was the on-duty Fire Investigator, and was notified at 0755hrs to attend a structure fire at 134 Colombo Rd Waiuku;

This call had been received by FENZ comms, via the 111 system on the 5 February 2020 at 0732hrs.

FRMO [REDACTED] (Trainee) attended this incident with me.

The reason for FRMO [REDACTED] attendance was to assist and learn the skills required to confirm the origin and cause of the fire.

We arrived at the incident at approximately 0845hrs.

The reason for my attendance was to assist the Fire and Emergency Officers to confirm the origin and cause of the fire.

Upon our arrival, the OIC (SO [REDACTED]) gave a brief of the scene at the time of FENZ arrival, and actions taken in fire extinguishment.

The OIC's and fire crew's information and evidence informs this report.

The weather was calm and there was no wind at the time of my inspection.

The owner/s of this property, [REDACTED] was present at the time of my investigation, and gave permission to investigate the origin and cause.

I understood members of the household did smoke, but were not in the vicinity, or at the time of this incident.

This incident was in a wood framed, iron clad, double garage approximately 9m x 5m with a concrete floor.

There was electricity to the garage.

[REDACTED] had used the compressor in the garage at approximately 0545hrs to pump up [REDACTED] car tyres, but can't remember if [REDACTED] turned it off.

[REDACTED] advised there had been rodent issues in the past, although there had been no electrical concerns (faults/malfunctions) in the garage.

[REDACTED] [REDACTED] who was present at the time of our inspection, indicated [REDACTED] had heard a loud bang just prior to the fire.

[REDACTED] [REDACTED] evidence and information informs this report.

Amongst the items inside the garage were a classic car and Harley Davidson motor bike, pool table, ride on mower and many tools and equipment common with mechanical and motor vehicle repairs and maintenance.

Containers of paints and fuel/oils were also present, some in origin of this fire.

With evidence, available at the time of my investigation and items like paints and fuels in the garage I decided not to conduct a PID test.

A ppbRAE 3000 photoionisation detector (PID) can be used to test for the presence of volatile organic compounds (VOCs). The presence of VOCs may suggest a flammable liquid has been present at the time of a fire.