

# SMS Incident Report

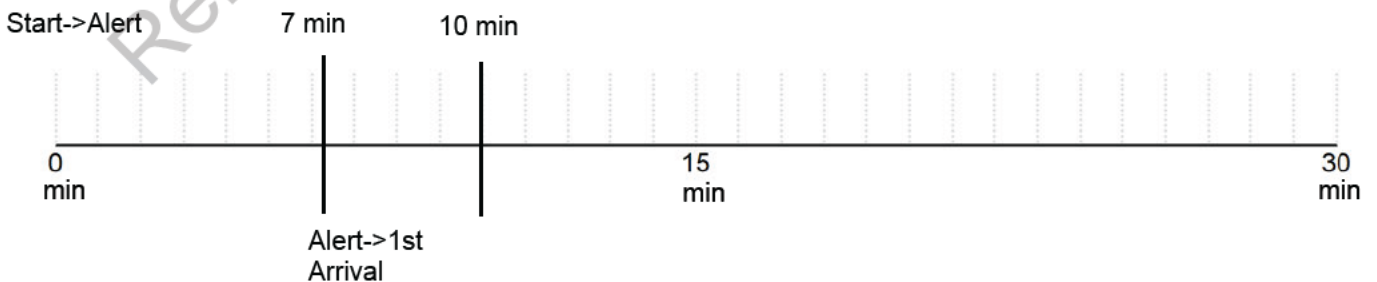
15/12/2022 15:06:48

## Summary

**CAD Number** F3619361 **Status** New  
**Station** Oxford Volunteer Fire Brigade  
**Incident Started** 12/12/2022 02:57:19 **Incident Ended** 12/12/2022 17:09:36  
**Incident Type** 0:  
**Common Name**  
**Address** 5 / 3 PARK AVENUE OXFORD  
**Alarm Method** 111 Telephone **Alarm Level** 1  
**PFA Number**  
**Zone** 357901  
**Map Grid E** 1534369 **Map Grid N** 5205684  
**First Caller** [REDACTED] **First Caller Contact** [REDACTED]  
**Incident Closed** 12/12/2022 17:09:36  
**Report Completed**

## Responses

Call Sign	Type	Station Alert	Enroute Time	Arrival Time	Departed
OXFO791	P1	02:57:51 12 Dec 2022	03:04:50 12 Dec 2022	03:05:40 12 Dec 2022	04:26:27 12 Dec 2022
OXFO792	P2	02:57 51 12 Dec 2022	03:05:24 12 Dec 2022	03:06:39 12 Dec 2022	04:12:08 12 Dec 2022
FICANTE02	FSO		08:49:18 12 Dec 2022	09:30:04 12 Dec 2022	13:20:00 12 Dec 2022
EVENTSCC1	OT				10:13:28 12 Dec 2022



## Elapsed Times

Call Sign	Start To Alert	Alert To Arrival	Start To Arrival	Start To Departed
OXFO791	00:00:32	00:07:49	00:08:21	01:29:08

OXFO792	00:00:32	00:08:48	00:09:20	01:14:49
FICANTE02			06:32:45	10:22:41
EVENTSCC1				07:16:09

### Notifications

Date	Time	Party Notified
12 Dec 2022	03:12:22	MAINPOWER
12 Dec 2022	03:24:03	CFO OXFORD PAGED RE K99
12 Dec 2022	03:24:10	VSO CANTERBURY PAGED RE K99
12 Dec 2022	04:02:17	ON CALL FI CANTERBURY [REDACTED] AGED TO CONTACT FIRECOMS
12 Dec 2022	04:07:56	FI CANTERBURY ACK - TRANSFERED TO OXFO791 CELLPHONE

### Message Log

Time	Message
02:57:39	https://web.pcl.govt.nz/?ecn=[REDACTED]
02:57:39	INC INFO: GARAGE FIRE
02:57:41	** LOI search completed at 12/12/22 02:57:40
02:57:47	** Recommended unit OXFO791 for requirement PUMP (>0.4 km)
02:57:47	** Recommended unit OXFO792 for requirement PUMP (>0.4 km)
02:57:49	Station Selcal used to Initiate Alerting. (OXFO791 at 3579 OXFORD 193791)
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02:57:51	ALERTING_COMPLETED OXFO791
02:57:51	ALERTING_COMPLETED OXFO792
02:58:21	PART OF A RETIREMENT COMPLEX - RINGWOOD VILLAGE
02:58:30	ATTACHED TO A HOUSE
02:58:53	UNIT NUMBER 5
02:59:05	** Event Location changed from "3 PARK AV,OXFORD,WAIMAKARIRI DISTRICT" to "5\3 P
02:59:05	ARK AV,OXFORD,WAIMAKARIRI DISTRICT" at: 12/12/22 02:59:05
02:59:06	** LOI search completed at 12/12/22 02:59:06
03:01:12	AL: PAGING ACK TIMED OUT FOR STATION: 3579 at 12-12-22 03:01:12
03:04:50	Unit OXFO791 [ K1 : PROCEEDING TO INCIDENT]
03:05:24	Unit OXFO792 [ K1 : PROCEEDING TO INCIDENT]
03:05:40	Unit OXFO791 [ K99 : PROPERTY FIRE WELL INVOLVED]
03:06:39	Unit OXFO792 [ K2 : IN ATTENDANCE AT INCIDENT]
03:12:18	**
03:12:25	**
03:13:59	**

03:14:05	ETA POWER 30 MINS
03:14:06	**
03:21:13	Unit OXFO791 [ KC : UNIT CALLING]
03:28:21	VSOCANTE03 CALLS IN TO ACK PAGE
03:33:07	**
03:33:25	MAINPOWER ADVISE FAULT PERSON JUST PASSING THROUGH CUST
03:45:47	Alarm Timer Extended: 0
03:47:22	Alarm Timer Extended: 0
04:00:15	Unit OXFO791 [ KC : UNIT CALLING]
04:00:48	.
04:01:00	Unit OXFO791 [ K11F : FIRE RISK MANAGEMENT REQUIRED]
04:02:01	**
04:02:19	**
04:07:32	***
04:07:59	**
04:12:08	Unit OXFO792 [ K7 : AT NORMAL STATION]
04:15:11	.
04:16:09	FICANTE02 [REDACTED] ADV [REDACTED] WILL BE GOING TO SCENE @APPROX 0930HRS THIS MORNING - [REDACTED]
04:16:09	WILL LIAISE CLOSER TO THE TIME TO BE ATTACHED
04:16:11	.
04:25:58	Unit OXFO791 [ KC : UNIT CALLING]
04:26:28	Unit OXFO791 [ K4 : ON RT INSIDE NORMAL TURNOUT AREA]
08:49:18	Unit FICANTE02 [ K1 : PROCEEDING TO INCIDENT]
09:30:05	Unit FICANTE02 [ K2 : IN ATTENDANCE AT INCIDENT]
10:13:28	Alarm Timer Extended: 0
10:13:29	Unit EVENTSCC1 [ K7 : AT NORMAL STATION]
13:14:11	Unit FICANTE02 [ STOP : MESSAGE] INV COMPLETE
13:20:00	Unit FICANTE02 [ K4 : ON RT INSIDE NORMAL TURNOUT AREA]
17:09:36	** BULK CLOSED VIA A SQL SCRIPT - FENZ REQUEST

## Incident

**CAD Number** F3619361

**Incident Reporter**

**Incident Controller**

**Distance Travelled (km)**

**Delay In Receiving Call**

## Comments

12/15/2022 1:21:46 PM

Reporter Comments

I was paged as the on-call Specialist Fire Investigator to assist the Officer in Charge with the determination of origin and cause of the fire. I arrived at the address at 9:30 a.m. and began a scene examination with ARR [REDACTED].

### Description and use of property

The building was a single level shared house split into two units each with a semi attached single garage. The building was constructed from concrete block, long run iron roofing, concrete floor with aluminium window joinery and single glazing.

### Pre-incident events

The [REDACTED] was home in bed at the time of the fire. The car in the garage had not been driven for months and the mobility scooter had not been on charge.

The fire was reported to the Fire and Emergency NZ Communication Centre on 12th December 2022 at 2:57 a.m. via a 111 call.

### Scene Examination

#### Exterior examination:

I began the exterior examination from the entrance to the garage and progressed anticlockwise. There were smoke deposits around the top of the garage walls indicating fire from within the garage. There were no signs of a fire starting on the exterior of the building and the exterior was ruled out as the origin of the fire.

#### Interior Examination:

I began the interior examination by entering the garage through the main door. Burn patterns in the conservatory indicated fire travel from the garage. Burn patterns in the garage indicated the fire had started on the left hand side (Northeast corner).

There were the remains of a mobility scooter behind the car and it was powered by lead acid batteries. Damage to the scooter was from external fire from the left of the car and the batteries had been damaged from external exposure to fire. The mobility scooter was ruled out as there was no sign of fire starting within the scooter and there were no charging cables near it.

On excavating the area to the left of the car I discovered a battery charger that was not plugged into anything. Next to the battery charger was a set of jumper cables that were not in use. There was an oil column heater under the window that was not plugged in, so it was also ruled out. Next to the heater was a mass of melted garden matting and it was found to have a power cable running through it that ended with a power transformer. The transformer was damaged by fire. Next to the window was the location of an electrical socket. The socket had been completely consumed by fire and there was a shadow and burn pattern indicating the location of the power wires. On extracting the power cable from the mass of burnt garden mat and placing it back at the socket location the burn patterns on the insulation matched the burn patterns on the wall. The other end of the cable was found under the debris protected from fire and went through a hole in the block wall into the conservatory and was connected to a pump inside a water feature. This water feature was confirmed to have been running prior to the fire.

#### Area of Origin

The area of origin was determined to be the garage attached to the conservatory of unit 5.

#### Point of Origin

The point of origin was determined to be the transformer plug at the power socket.

#### Supposed Cause

An electrical failure of power supply to the water feature igniting combustible materials in the garage.

Elimination of Other Possible Causes

Lightning strike was eliminated as there was no storm.

Focussed sunlight was eliminated as the fire was at night.

Discarded smoking materials was eliminated as the [REDACTED] was a non-smoker.

Mobility scooter was eliminated as the burn patterns did not support and the scooter was not charging.

The car was eliminated as the [REDACTED] had not used it for months and was banned from driving.

The battery charger was eliminated as it was not in use.

Spontaneous combustion was eliminated as there was no evidence to support this.

Deliberate ignition was eliminated as the house was secured at the time of the fire and the [REDACTED] was home.

This fire is classified as accidental.

Jason Hobbs

12/15/2022 2:11:34 PM

Reporter Comments

Fire classified as accidental

Jason Hobbs

Released Under Official Information Act