

SMS Incident Report

15/08/2017 14:15:51

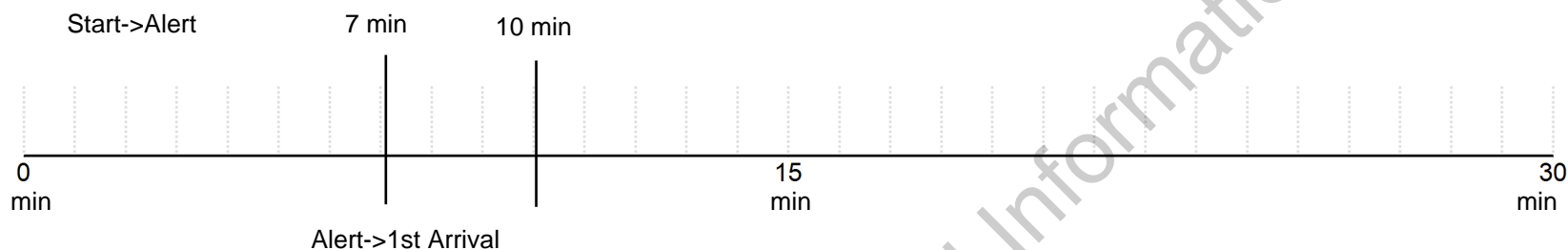
Summary

CAD Number F2355374 **Status** Closed
Station Otara Station
Incident Started 02/08/2017 13:18:05 **Incident Ended** 02/08/2017 14:54:13
Incident Type 1101: Structure fire with damage
Common Name WASTE MANAGEMENT TECHNICAL SERVICES
Address 30 NEALES ROAD EAST TAMAKI
Alarm Method Manual PFA Call **Alarm Level** 3
PFA Number 111598
Zone 14331302
Map Grid E 1768520 **Map Grid N** 5910537
First Caller **First Caller Contact**
Incident Closed 02/08/2017 16:26:53
Report Completed 14:7, Tue 15 Aug 2017 by Dave McKeown

Responses

Call Sign	Type	Station Alert	Enroute Time	Arrival Time	Departed
OTAR331	P1	13:18:46 02 Aug 2017	13:20:09 02 Aug 2017	13:22:47 02 Aug 2017	14:43:11 02 Aug 2017
OTAR3318	CUHU	13:21:33 02 Aug 2017	13:21:42 02 Aug 2017	13:24:38 02 Aug 2017	14:54:20 02 Aug 2017
PAPA347	PR	13:21:30 02 Aug 2017	13:23:16 02 Aug 2017	13:30:46 02 Aug 2017	14:54:36 02 Aug 2017
PAPA344	PM	13:21:30 02 Aug 2017	13:22:56 02 Aug 2017	13:31:07 02 Aug 2017	14:47:08 02 Aug 2017
OTAH311	P1	13:24:48 02 Aug 2017	13:26:07 02 Aug 2017	13:34:21 02 Aug 2017	13:48:33 02 Aug 2017
MTWE237	PR	13:21:39 02 Aug 2017	13:23:40 02 Aug 2017	13:35:23 02 Aug 2017	14:24:25 02 Aug 2017
ELLE274	PM	13:24:22 02 Aug 2017	13:26:11 02 Aug 2017	13:36:50 02 Aug 2017	13:48:52 02 Aug 2017
COUNTIES4	OF	13:24:52 02 Aug 2017	13:36:32 02 Aug 2017	13:36:55 02 Aug 2017	16:26:19 02 Aug 2017
ONEH221	P1	13:18:43 02 Aug 2017	13:20:42 02 Aug 2017	13:37:11 02 Aug 2017	14:08:54 02 Aug 2017
WAITEMATA1	OF	13:32:32 02 Aug 2017	13:32:32 02 Aug 2017	13:38:17 02 Aug 2017	13:48:06 02 Aug 2017
AUCKOSU1	SV	13:28:11 02 Aug 2017	13:28:14 02 Aug 2017	13:38:38 02 Aug 2017	14:43:54 02 Aug 2017
MANU301	P1	13:24:47 02 Aug 2017	13:26:15 02 Aug 2017	13:38:59 02 Aug 2017	13:48:00 02 Aug 2017
ONEH2213	FT	13:18:42 02 Aug 2017	13:23:43 02 Aug 2017	13:39:29 02 Aug 2017	13:47:22 02 Aug 2017
AUCKCITY2	OF	13:25:13 02 Aug 2017	13:27:57 02 Aug 2017	13:39:51 02 Aug 2017	13:57:30 02 Aug 2017
MANG351	P1	13:24:51 02 Aug 2017	13:27:00 02 Aug 2017	13:40:50 02 Aug 2017	13:44:56 02 Aug 2017
PARN255	HPNP	13:24:26 02 Aug 2017	13:26:45 02 Aug 2017	13:43:12 02 Aug 2017	13:45:57 02 Aug 2017

HOWI321	P1	13:18:49 02 Aug 2017	13:19:56 02 Aug 2017	13:45:37 02 Aug 2017	14:43:53 02 Aug 2017
AUCKOSU4	CV	13:24:27 02 Aug 2017	13:25:15 02 Aug 2017	13:48:28 02 Aug 2017	13:48:37 02 Aug 2017
FICOUNT2	FSO	13:28:51 02 Aug 2017	13:29:51 02 Aug 2017	13:50:26 02 Aug 2017	14:51:20 02 Aug 2017
AVON6015	BA	13:24:29 02 Aug 2017	13:26:25 02 Aug 2017		13:47:16 02 Aug 2017
COUNTIES2	OF	13:37:34 02 Aug 2017			13:48:41 02 Aug 2017
DEVO811	P1				13:43:10 02 Aug 2017
AVON607	PR	13:24:29 02 Aug 2017	13:26:20 02 Aug 2017		13:47:00 02 Aug 2017
AUCK2018	CUHU	13:36:49 02 Aug 2017	13:36:50 02 Aug 2017		13:46:00 02 Aug 2017
REMU211	P1	13:35:18 02 Aug 2017	13:37:24 02 Aug 2017		13:48:32 02 Aug 2017
AUCKCITY1	OF	13:29:51 02 Aug 2017			13:32:41 02 Aug 2017



Elapsed Times

Call Sign	Start To Alert	Alert To Arrival	Start To Arrival	Start To Departed
OTAR331	00:00:41	00:04:01	00:04:42	01:25:06
OTAR3318	00:03:28	00:03:05	00:06:33	01:36:15
PAPA347	00:03:25	00:09:16	00:12:41	01:36:31
PAPA344	00:03:25	00:09:37	00:13:02	01:29:03
OTAH311	00:06:43	00:09:33	00:16:16	00:30:28
MTWE237	00:03:34	00:13:44	00:17:18	01:06:20
ELLE274	00:06:17	00:12:28	00:18:45	00:30:47
COUNTIES4	00:06:47	00:12:03	00:18:50	03:08:14
ONEH221	00:00:38	00:18:28	00:19:06	00:50:49
WAITEMATA1	00:14:27	00:05:45	00:20:12	00:30:01
AUCKOSU1	00:10:06	00:10:27	00:20:33	01:25:49
MANU301	00:06:42	00:14:12	00:20:54	00:29:55
ONEH2213	00:00:37	00:20:47	00:21:24	00:29:17
AUCKCITY2	00:07:08	00:14:38	00:21:46	00:39:25
MANG351	00:06:46	00:15:59	00:22:45	00:26:51
PARN255	00:06:21	00:18:46	00:25:07	00:27:52
HOWI321	00:00:44	00:26:48	00:27:32	01:25:48
AUCKOSU4	00:06:22	00:24:01	00:30:23	00:30:32
FICOUNT2	00:10:46	00:21:35	00:32:21	01:33:15
AVON6015	00:06:24			00:29:11
COUNTIES2	00:19:29			00:30:36

DEVO811			00:25:05
AVON607	00:06:24		00:28:55
AUCK2018	00:18:44		00:27:55
REMU211	00:17:13		00:30:27
AUCKCITY1	00:11:46		00:14:36

Notifications

Date	Time	Party Notified
02 Aug 2017	13:21:08	VECTOR
02 Aug 2017	13:22:21	OSU AUCKLAND PAGED
02 Aug 2017	13:22:29	AAC COUNTIES MANUKAU PAGED
02 Aug 2017	13:22:36	AAC AUCKLAND DAVE WOON PAGED
02 Aug 2017	13:22:47	AAC WAITEMATA VAUGHAN MACKERETH PAGED
02 Aug 2017	13:24:23	COUNTIES 4 PAGE ACK
02 Aug 2017	13:24:34	VECTOR - TX 3RD ALARM
02 Aug 2017	13:25:33	AAC COUNTIES MANUKAU PAGED 3RD ALARM
02 Aug 2017	13:25:41	COUNTIES 2 ACK PAGE
02 Aug 2017	13:26:52	AUCKLAND 2 PAGED 3RD ALARM
02 Aug 2017	13:26:53	COUNTIES MANUKAU AREA 3RD ALARM
02 Aug 2017	13:27:44	AAC WAITEMATA 3 PAGED 3RD ALARM
02 Aug 2017	13:27:51	AC WAITEMAT PAGED 3RD ALARM
02 Aug 2017	13:29:29	COUNTIES 1 PAGE ACK ADVISES AUCKLAND CITY1 WILL RESPOND
02 Aug 2017	13:30:01	WAITEMATA 1 AND 3 ACK PAGE
02 Aug 2017	13:30:50	AC WAITEMATA PAGE ACK
02 Aug 2017	13:31:51	PHONED AMB TO CONFIRM THEY ARE AWARE THAT THEY ARE NOW REQUIRED TO ATTEND
02 Aug 2017	13:34:10	VECTOR ETA 30 MINS @1334
02 Aug 2017	13:36:49	207 CALLED IN AND ADVISED BACKUP 2018 DECON PUMP
02 Aug 2017	13:41:04	AUCKLAND COUNCIL ON CALL DUTY MANAGER FOR EMERGENCY MANAGEMENT MATTHEW
02 Aug 2017	13:48:24	APPLIANCE ROSTER EMAILED TO ICU OTARA3318
02 Aug 2017	14:14:52	FIRE COMMS PASSED HAG CODES TO COMMAND UNIT (NEALES COMMAND)
02 Aug 2017	14:21:28	NEALES COMMAND CALLED IN WANTING TO KNOW IF WORKSAFE HAVE BEEN NOTIFIED,
02 Aug 2017	14:30:48	POLICE ARE GOING TO ADVISE WORKSAFE
02 Aug 2017	14:40:04	WORKSAFE VERBALLY NOTIFIED
02 Aug 2017	14:59:13	WORKSAFE REFERENCE NUMBER 5678094

Message Log

Time	Message
13:18:05	AL: 111598 13:18:05 INITIAL - AL
13:18:06	** LOI search completed at 02/08/17 13:18:06
13:18:06	PANEL: MAIN ENTRANCE TO ADMINISTRATION
13:18:24	Duplicate Event:Location = 30 NEALES RD,EAST TAMAKI,AUCKLAND: @WASTE MANAGEMENT
13:18:24	INC INFO: BUILDING FIRE
13:18:24	TECHNICAL SERVICES, Type = STRU - STRUCTURE FIRE, Caller Ph Number =
13:18:24	[REDACTED], Call Source = 111Inc InfoBUILDING FIRE , Event Source = Fire 111
13:18:24	End of Duplicate Event data
13:18:27	** Recommended unit ONEH2213 for requirement FOAM (>9.9 km)
13:18:27	** Recommended unit OTAR331 for requirement PUMP (>2.0 km)
13:18:27	** Recommended unit HOWI321 for requirement PUMP (>4.4 km)
13:19:33	CALLER ADV FIRE STARTED IN A PIT - EVERYONE IS EVACUATING
13:19:57	Unit HOWI321 [K1 : PROCEEDING TO INCIDENT]
13:20:02	INC INFO: BUILDING FIRE BUILDING 1
13:20:02	Unit HOWI321 [K1 : PROCEEDING TO INCIDENT]
13:20:02	Duplicate Event:Location = 30 NEALES RD,EAST TAMAKI,AUCKLAND: @WASTE MANAGEMENT
13:20:02	TECHNICAL SERVICES, Type = STRU - STRUCTURE FIRE, Caller Ph Number = [REDACTED],
13:20:02	Call Source = 111Inc InfoBUILDING FIRE BUILDING 1, Event Source = Fire 111
13:20:02	End of Duplicate Event data
13:20:10	Unit OTAR331 [K1 : PROCEEDING TO INCIDENT]
13:20:20	Unit OTAR331 [KP : PRIORITY MESSAGE]
13:20:43	Unit ONEH221 [K1 : PROCEEDING TO INCIDENT]
13:20:44	Unit OTAR331 [KP : PRIORITY MESSAGE] 2ND ALARM
13:21:03	INC INFO: BLDG FIRE 2NDA ALRM
13:21:15	** Requirement PUMP added for alarm level 1
13:21:20	** Alarm level updated to 2
13:21:20	** Recommended unit PAPA344 for requirement AERIAL (>5.9 km)
13:21:20	** Recommended unit OTAR3318 for requirement COMU (>2.0 km)
13:21:20	** Recommended unit PAPA347 for requirement PUMP (>5.9 km)
13:21:20	** Recommended unit MTWE237 for requirement PUMP (>5.4 km)
13:21:42	Unit OTAR3318 [K1 : PROCEEDING TO INCIDENT]
13:21:49	AMBO EVENT 0511-1-2017/08/02-FIR LINKED AT 02/08/2017 13:21:49
13:22:09	POL/AMB NOTIFICATION ONLY TO A SECOND ALARM FIRE
13:22:47	Unit OTAR331 [K99 : PROPERTY FIRE WELL INV]
13:22:52	Unit OTAR331 [KP : PRIORITY MESSAGE]
13:22:57	Unit PAPA344 [K1 : PROCEEDING TO INCIDENT]
13:23:17	Unit PAPA347 [K1 : PROCEEDING TO INCIDENT]
13:23:25	Unit OTAR331 [KP : PRIORITY MESSAGE] K99 TXT 3RD ALARM

13:23:40	INC INFO: BLDG FIRE 3RD ALARM
13:23:40	Unit MTWE237 [K1 : PROCEEDING TO INCIDENT]
13:23:43	Unit ONEH2213 [K1 : PROCEEDING TO INCIDENT]
13:24:01	** Alarm level updated to 3
13:24:01	** Recommended unit ELLE274 for requirement AERIAL (>8.8 km)
13:24:01	** Recommended unit PARN255 for requirement AERIAL (>13.6 km)
13:24:01	** Recommended unit AVON6015 for requirement BAT (>17.6 km)
13:24:01	** Recommended unit AUCKOSU4 for requirement CANT (>4.5 km)
13:24:01	** Recommended unit MANU301 for requirement PUMP (>9.8 km)
13:24:01	** Recommended unit OTAH311 for requirement PUMP (>4.7 km)
13:24:01	** Recommended unit MANG351 for requirement PUMP (>9.1 km)
13:24:02	POLICE/AMB FIRE NOW THIRD ALARM YOU ARE REQUIRED TO RESPOND
13:24:38	Unit OTAR3318 [K2 : IN ATTENDANCE AT INCIDENT]
13:24:43	Unit OTAR3318 [K2 : IN ATTENDANCE AT INCIDENT]
13:25:15	Unit AUCKOSU4 [K1 : PROCEEDING TO INCIDENT]
13:26:05	Unit OTAR331 [KP : PRIORITY MESSAGE]
13:26:07	Unit OTAH311 [K1 : PROCEEDING TO INCIDENT]
13:26:10	Unit OTAR3318 [KP : PRIORITY MESSAGE]
13:26:12	Unit ELLE274 [K1 : PROCEEDING TO INCIDENT]
13:26:16	Unit MANU301 [K1 : PROCEEDING TO INCIDENT]
13:26:20	Unit AVON607 [K1 : PROCEEDING TO INCIDENT]
13:26:26	Unit AVON6015 [K1 : PROCEEDING TO INCIDENT]
13:26:35	Unit AVON607 [K1 : PROCEEDING TO INCIDENT]
13:26:45	Unit PARN255 [K1 : PROCEEDING TO INCIDENT]
13:26:53	Unit OTAR3318 [KP : PRIORITY MESSAGE] SSO MCEWAN AUCK2018 FOR DECONTAMINATION
13:27:00	Unit MANG351 [K1 : PROCEEDING TO INCIDENT]
13:27:57	Unit AUCKCITY2 [K1 : PROCEEDING TO INCIDENT]
13:28:03	Unit OTAR3318 [K2 : IN ATTENDANCE AT INCIDENT]
13:28:09	Unit OTAR3318 [KC : UNIT CALLING]
13:28:14	Unit OTAR3318 [KC : UNIT CALLING]
13:28:14	Unit AUCKOSU1 [K1 : PROCEEDING TO INCIDENT]
13:28:54	Unit OTAR3318 [KC : UNIT CALLING]
13:28:59	Unit OTAR3318 [SITREP :] NEALES RD COMMAND K44 SSO MCEWAN SFP APPROACH FROM HARRIS ROAD ONTO NEALES RD
13:29:52	Unit OTAR3318 [SITREP :] 1 BLD 20 X 20 USED FOR CHEMICAL STORAGE AND RECOVERY
13:29:52	Unit FICOUNT2 [K1 : PROCEEDING TO INCIDENT]
13:29:52	1LPD OFFENSIVE EXTERIOR ATTACK WIND DIRECTION NORTH WESTERLY
13:29:55	Unit AUCKOSU4 [K1 : PROCEEDING TO INCIDENT]
13:30:02	Unit OTAR3318 [K45 : COMMAND RESPONSIBILITY CHANGED TO - NAME] NEALES RD
13:30:46	Unit PAPA347 [K2 : IN ATTENDANCE AT INCIDENT]

13:30:52 Unit OTAR3318 [K44 : COMMAND OR CONTROL POINT ESTABLISHED - OIC AND LOCATION]
13:30:52 SSO MCEWAN
13:31:07 Unit PAPA344 [K2 : IN ATTENDANCE AT INCIDENT]
13:32:09 FIR2AMB THIRD ALARM FIRE YOU ARE NOW REQUIRED TO ATTEND
13:32:41 Unit AUUCKCITY1 [K6 : ON TELEPAGER]
13:34:21 Unit OTAH311 [K2 : IN ATTENDANCE AT INCIDENT]
13:34:27 COVERING UNIT TITI691 DISPATCHED TO STATION PAPATOETOE
13:34:27 D0710063
13:34:46 ** Requirement PUMP added for alarm level 3
13:34:54 ** Requirement PUMP added for alarm level 3
13:35:04 ** Requirement PUMP added for alarm level 3
13:35:13 ** Recommended unit REMU211 for requirement ADHOC PUMP (>11.4 km)
13:35:13 ** Recommended unit PAPA387 for requirement ADHOC PUMP (>14.1 km)
13:35:23 Unit MTWE237 [K2 : IN ATTENDANCE AT INCIDENT]
13:36:32 Unit COUNTIES4 [K1 : PROCEEDING TO INCIDENT]
13:36:49 Duplicate Event:Location = 30 NEALES RD AUCKLAND #118905Cross Street 1HARRIS
13:36:49 ** LOI search completed at 02/08/17 13:18:08
13:36:49 AL: 118905 13:18:07 INITIAL - AL
13:36:49 RDCross Street 2BRUCE RODERICK DR, Type = STRU, Subtype = default, Call Source =
13:36:49 PANEL: OFFICE BUILDING ENTRY
13:36:49 PFAAlarm Level1
13:36:49 Duplicate Event:Location = NEALES RD,EAST TAMAKI,AUCKLAND, Type = STRU -
13:36:49 STRUCTURE FIRE, Caller Ph Number = [REDACTED], Call Source = 111Inc
13:36:49 InfoBUILDING FIRE, Event Source = Fire 111
13:36:49 INC INFO: BUILDING FIRE
13:36:49 End of Duplicate Event data
13:36:49 Unit AUCK2018 [KC : UNIT CALLING]
13:36:49 Unit AUCK2018 [KC : UNIT CALLING]
13:36:49 Unit AUCK2018 [SITREP :] DELAYED LOADING DECON PODS
13:36:49 Unit AUCK2018 [K1 : PROCEEDING TO INCIDENT]
13:36:49 ** Event held for 60 minutes and unit AUCK2018
13:36:50 End of Duplicate Event data
13:36:50 ** Cross Referenced to Event # F2355375 at: 02/08/17 13:36:50
13:36:50 Unit ELLE274 [K2 : IN ATTENDANCE AT INCIDENT]
13:36:55 Unit COUNTIES4 [K2 : IN ATTENDANCE AT INCIDENT]
13:37:11 Unit ONEH221 [K2 : IN ATTENDANCE AT INCIDENT]
13:37:25 Unit REMU211 [K1 : PROCEEDING TO INCIDENT]
13:37:35 Unit OTAR3318 [KC : UNIT CALLING]
13:38:18 Unit WAITEMATA1 [K2 : IN ATTENDANCE AT INCIDENT]
13:38:31 Unit WAITEMATA1 [K1 : PROCEEDING TO INCIDENT]

13:38:39 Unit AUCKOSU1 [K2 : IN ATTENDANCE AT INCIDENT]

13:39:00 Unit OTAR3318 [SITREP :] FIRE IN POLYURETHANE PIT APPROX 20 CUBIC MTRS FIRE

13:39:00 Unit MANU301 [K2 : IN ATTENDANCE AT INCIDENT]

13:39:00 CONTAINED EMERGENCY DECONTAMINATION ESTABLISHED

13:39:29 Unit ONEH2213 [K2 : IN ATTENDANCE AT INCIDENT]

13:39:34 Unit ONEH2213 [K2 : IN ATTENDANCE AT INCIDENT]

13:39:48 COVERING UNIT PARN251 DISPATCHED TO STATION MT

13:39:51 Unit AUCKCITY2 [K2 : IN ATTENDANCE AT INCIDENT]

13:40:01 Unit AUCKCITY2 [K2 : IN ATTENDANCE AT INCIDENT]

13:40:21 Unit AVON6015 [KC : UNIT CALLING]

13:40:44 Unit AUCKCITY2 [K2 : IN ATTENDANCE AT INCIDENT]

13:40:49 Unit AVON6015 [SITREP :] VERBAL K1

13:40:50 Unit MANG351 [K2 : IN ATTENDANCE AT INCIDENT]

13:41:04 0274738357 CALLED IN TO CONFIRM IF THEIR ASSISTANCE IS REQU. ADVISED NOT AT THIS STAGE

13:41:04 THIS STAGE

13:42:52 INC INFO: BLDG FIRE 3RD ALARM TOC 1318 TOA 1322

13:43:11 Unit DEVO811 [K7 : AT NORMAL STATION]

13:43:13 Unit PARN255 [K2 : IN ATTENDANCE AT INCIDENT]

13:43:23 COVERING UNIT DEVO811 DISPATCHED TO STATION ELLERSLIE AT D0710063

13:43:23 D0710063

13:44:53 Unit OTAR3318 [KC : UNIT CALLING]

13:44:57 Unit MANG351 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:45:20 Unit OTAR3318 [SITREP :] FIRE EXT K28-1 FURTHER RESPONDING

13:45:37 Unit HOWI321 [K2 : IN ATTENDANCE AT INCIDENT]

13:45:57 Unit PARN255 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:46:01 Unit AUCK2018 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:47:01 Unit AVON607 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:47:17 Unit AVON6015 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:47:23 Unit ONEH2213 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:47:30 Unit OTAR3318 [KC : UNIT CALLING]

13:47:44 Unit OTAR3318 [COMCEN COM : MESSAGE] CAN YOU CONFRIM K28 INCLUDES SPECIALIST APPLIANCES

13:47:44 APPLIANCES

13:48:01 Unit MANU301 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:48:07 Unit WAITEMATA1 [K6 : ON TELEPAGER]

13:48:28 Unit AUCKOSU4 [K2 : IN ATTENDANCE AT INCIDENT]

13:48:33 Unit REMU211 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:48:34 Unit OTAH311 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:48:38 Unit AUCKOSU4 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]

13:48:42 Unit COUNTIES2 [K6 : ON TELEPAGER]

13:48:53 Unit ELLE274 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]

13:50:26	Unit FICOUNT2 [K2 : IN ATTENDANCE AT INCIDENT]
13:51:19	COVERING UNIT WEST671 DISPATCHED TO STATION HOWICK AT
13:51:19	D0710063
13:57:31	Unit AUUCKCITY2 [K6 : ON TELEPAGER]
14:02:07	Unit OTAR3318 [KC : UNIT CALLING]
14:03:21	Unit OTAR3318 [SITREP :] HAG CODE SODIUM CHLORITE
14:07:25	Unit OTAR3318 [COMCEN COM : MESSAGE] DO YOU HAVE A UN NUMBER OR A CAZ NUMBER
14:07:38	Unit MTWE237 [SITREP :] UN 1495
14:08:55	Unit ONEH221 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
14:09:46	Unit MTWE237 [K2 : IN ATTENDANCE AT INCIDENT]
14:18:29	FIR2POL - HAVE WORKSAFE BEEN NOTIFIED ?
14:21:28	ADVISED THIS IS DONE VIA POLICE AND ARE WAITING FOR CONFIRMATION AND WILL CALL
14:21:28	THEM BACK
14:24:26	Unit MTWE237 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
14:27:07	//HAZ//
14:27:13	Unit OTAR3318 [KC : UNIT CALLING]
14:27:53	Unit OTAR3318 [SITREP :] EMERGENCY DECON COMPLETED 2 FF HAVE BEEN PROCESSED
14:39:34	Unit OTAR3318 [KC : UNIT CALLING]
14:40:19	Unit OTAR3318 [SITREP :] 2 FF DECONTAMINATED AND ASSESSED BY AMB K44 OTAR3318
14:40:19	SSO LAWSON
14:40:34	Unit OTAR3318 [K44 : COMMAND OR CONTROL POINT ESTABLISHED - OIC AND LOCATION]
14:40:34	OTAR3318 SSO LAWSON
14:42:53	Unit OTAR331 [KC : UNIT CALLING]
14:43:12	Unit OTAR331 [K10 : RECOMMISSIONING]
14:43:54	Unit HOWI321 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
14:43:56	Unit AUUCKOSU1 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
14:47:09	Unit PAPA344 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
14:51:21	Unit FICOUNT2 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
14:53:59	Unit OTAR3318 [KC : UNIT CALLING]
14:54:13	Unit OTAR3318 [K47 : STOP MESSAGE: MESSAGE UNCHANGED FROM INFORMATIVE]
14:54:22	Unit OTAR3318 [K4 : ON RT INSIDE NORMAL TURNOUT AREA]
14:54:37	Unit PAPA347 [K3 : ON RT OUTSIDE NORMAL TURNOUT AREA]
16:26:20	Unit COUNTIES4 [K6 : ON TELEPAGER]
16:26:49	UNIT WAITEMATA1 RESPONSE TIME [NULL] ADJUSTED TO
16:26:52	** Assigned Result Code: STRU, Detailed Event Type: 1100, Qualifier 1: Q1,
16:26:52	Qualifier 2:
16:26:53	UNIT AUUCK2018 ALERT TIME [NULL] ADJUSTED TO

Incident

CAD Number

F2355374

Incident Reporter Dave McKeown
 Incident Controller SSO McKeown
 Distance Travelled (km)
 Delay In Receiving Call

Property Details

Occupant Waste Management
 Building Owner Owner occupied
 General Property Use Storage, Warehousing
 Special Property Use Storage: Bulk flammable liquids
 Purpose Group

Actions

Persons Reported Trapped No
 Evacuation Status Fully evacuated
 Action Prior 1 No action taken by Civilian/Occupant/Passerby
 Action Prior 2
 Action Taken Extinguishment only: Includes isolating fuel/power supply

Civilians

Civilians Rescued 0
 Civilians Extricated 0
 Civilians Assisted 0
 Civilians Evacuated

Origin

Location Product storage, Tank, Bin, Agricultural storage, Hay barn, Hay stack
 Level Below ground or water level

Equipment Used

Quantity	Equipment
1	Low pressure delivery

Equipment Involved

Equipment Involved
 Year
 Make
 Model

Hazardous Materials

Control	Controlled incident: Evacuation of immediate area
Activation of detection and control systems	Automatic warning - not classified above
Extent of Spread on Arrival	Spread confined to room of origin
Wind Direction on Arrival	Northwest
Wind Speed on Arrival	Moderate breeze
Cause of Leakage	Intentional act
Environ. Contamination	Air/Ground/Sea Water: No environmental contamination
Population Density	Industrial: Medium Density
Primary Advice	Company agent/rep of product causing incident
Secondary Advice	Hazchem

Chemicals

Trade Name	SODIUM CHLORITE (1496)
Hazard Class	5.1
UNSI	1496
Quantity of Leakage	31 - 250 litres
Substance Leaking From	Drum
Number of Containers	
Container Labeling	Yes
Method of Disposal	Burnt off, Consumed by fire
Org. Responsible for Disposal	Incident released for disposal - To owner/agent
Place of Disposal	Commercial containment areas

25

Fire

Arrival Condition	Large fire		
Heat Source	Spontaneous ignition, chemical reaction		
Termination Stage	Flame		
First Object Ignited	Unknown		
First Object Material	Unknown		
Second Object Ignited	Bulk storage; Shipping container, Silo		
Second Object Material	PVC eg. Floor Tiles, Guttering/Pipes, Plastic Bags, Elec. Insulation		
Indicated Cause	Failure to clean		
Certainty of Cause	Medium		
Age of Person	Persons: 17 - 64 yrs		
Ethnicity	Unknown		
Gender	Male		
FAIP Service Offered	No	FAIP Service Accepted	No

Structure

Area of One Floor		300
Age of Building	1970 - 1991	
Structural Frame Type	Timber frame unprotected (normal housing)	
Number of Floors		2
Number of Basements		0
Internal Wall Lining	Gypsum board (e.g. Gib board, Elephant board)	
Ceiling Lining	Gypsum board (e.g. Gib board, Elephant board)	
Material Generating Most Flame	PVC	
Material Generating Most Smoke	PVC	
Avenue of Flame Travel	No travel	
Avenue of Smoke Travel	No travel	
Extent of Flame Damage	Confined to object of origin	
Area of Flame Damage		200
Extent of Smoke Damage	Confined to room of origin	
Area of Smoke Damage		300
Extent of Water Damage	No damage of this type	
Area of Water Damage		0
Extent of Fire Control Damage	No damage of this type	
Area of Fire Control Damage		0

Comments

8/9/2017 11:18:03 AM

Reporter Comments

FSO Requested at incident F2355374 on 02 Aug 2017 13:18
 I attended the incident at the request of the incident controller, in accordance with Operational Instruction P3.

A short-duration, apparently high-intensity fire had occurred in a structure used for the dissolution and disposal of solid chemicals with water. The open end of the structure, measuring approximately 7.5 metres by 15 metres included two similarly sized bunded "pits" made of concrete block and concrete render.

The pit involved in fire in this incident was lined with PVC material. Fire had consumed much of this material in the rear half of the pit. There were signs of heat damage to roofing iron above the rear half of the pit, and to metal ventilation ducting running above the pit and along the adjacent wall of the structure.

Operators of the site advised that the process being undertaken at the time of the fire included the distribution of powdered SODIUM CHLORITE (chem NaClO₂) compound into the pit in preparation for dissolution. The material had been stored in 50kg nett metal drums, which had been in turn lined with plastic, in accordance with instructions contained in relevant MSDS documentation (copies downloaded).
 The process involved one worker bringing individual drums to the side of the pit from the pallet upon which about 25 drums were stacked. It was noticed that these drums all displayed significant extent and depth of oxidation (rust) on their outer surfaces.
 The second worker was located in the pit (measuring approximately 1100mm deep), whose function was to open the containers and empty the contents.

It was reported that in the process of emptying the first of the drums, the worker noted that a quantity of the material had compacted at the base of the drum, and attempted to loosen this material with a wooden "broom handle". It was during or shortly after this action that the worker noticed "sparking" among the material either in the drum or on the floor of the pit or both, and decided to evacuate the pit. An explosion and fire occurred shortly after that.

The nature of Sodium Chlorite is that of an active oxidiser, which will react actively in the presence of organic compounds and other oxidisers (according to MSDS). The reaction of this material is exothermic in nature, and will generate sufficient heat to reach auto-ignition temperature of the material in a short period of time. The burning of the material is accelerated by the release of oxygen as part of the reaction process.

It is stated that the material is not reactive to percussion or shock, and it is unlikely the action of stirring and loosening the material with a wooden broom handle would have generated sufficient heat or impact to result in the commencement of a chemical reaction.

The indicated cause of the ignition of the material is as a result of the contamination of the material during the decanting process, with an organic compound or other oxidising agent. It was noted that there were a number of containers stacked at the edge of the pit, including one marked "Red Nitric Acid" which is a volatile oxidiser. The precise nature and method of introduction of the contaminant material is unknown. The statement from the operator of the plant indicate a cleaning routine using water was applied to the pit prior to the incident, this tends to be contra-indicated, with the contamination of the material occurring shortly after the first load was introduced to the pit. The reaction of the wooden broom handle with the oxidiser was considered, however this could not be conclusively confirmed as being the source of contamination.

The indicated category of cause of fire is Accidental. Fire has originated in the base of the pit being used for dissolution, as the result of an introduced contaminant reacting with the oxidising material. The compacted material in the base of the drum has ignited and burned rapidly and explosively. A runaway exothermic reaction ignited the PVC lining of the pit and the Sodium Chlorite. Fire has developed rapidly, with the assistance of oxygen released as part of the chemical reaction. The consumption of available fuel (PVC) was fairly rapidly affected. The absence of further nearby fuel loads was a factor in the rapid containment of the fire.

Action was taken and a full report was not created because: Waste Management also conducting their investigation. No details of their findings have been forthcoming as yet.

Phil Faidley