



NFIRS-1 Basic 	A Virginia Beach Fire Department Fire Department		03/07/2023 16:08:07 2023-008214 00 Date Time Incident Number Exposure																				
	B Rear of 3100 ARNOLD PALMER DR VAB, VA 23456 Census Tract																						
C Incident Type: 142 Brush or brush-and-grass mixture fire		E₁ Dates and Times Alarm Time 03/07/2023 16:08:07 Time Out 03/07/2023 16:09:32 Arrival 03/07/2023 16:16:32 Controlled Cleared 03/07/2023 20:13:47		E₂ Shift and Alarms B 1 BAT4 Shift Alarm District Alarm Box																			
D Mutual Aid: None Their FDID State Incident Responding Departments (Press Other)				E₃ Special Studies																			
F Actions Taken: 11 , 16 , 86 1. Extinguishment by fire service personnel 2. Control fire (wildland) 3. Investigate		G₁ Resources <table border="1"> <thead> <tr> <th></th> <th>Apparatus</th> <th>Personnel</th> </tr> </thead> <tbody> <tr> <td>Suppression</td> <td>18</td> <td>45</td> </tr> <tr> <td>EMS</td> <td>0</td> <td>0</td> </tr> <tr> <td>Other</td> <td>10</td> <td>6</td> </tr> <tr> <td>Personnel Not on Apparatus</td> <td></td> <td>0</td> </tr> <tr> <td>Total Personnel</td> <td></td> <td>51</td> </tr> </tbody> </table>			Apparatus	Personnel	Suppression	18	45	EMS	0	0	Other	10	6	Personnel Not on Apparatus		0	Total Personnel		51	G₂ Estimated Dollar Losses Losses Property \$52,314 Contents \$0 Pre Incident Value Property \$10,099,200 Contents \$6,996,960	
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H₁ Casualties <table border="1"> <thead> <tr> <th></th> <th>Deaths</th> <th>Injuries</th> </tr> </thead> <tbody> <tr> <td>Fire Service</td> <td>0</td> <td>0</td> </tr> <tr> <td>Civilian</td> <td>0</td> <td>0</td> </tr> </tbody> </table>			Deaths	Injuries	Fire Service	0	0	Civilian	0	0	H₃ Hazardous Materials Release None		J Property Use Open land or field										
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H₂ Detector		I Mixed Property Use Farm use																					
K₁ Person Entity Involved JBWK LLC Chris Coleman 3100 Arnold Palmer Dr VAB, VA 23456 757-619-6840			K₂ Owner JBWK LLC Chris Coleman 3100 Arnold Palmer Dr VAB, VA 23456 757-619-6840																				
L Remarks <p>Engine 5 (E05) was dispatched for a reported brush fire behind the original case location. The first call came from 2669 Majesty Lane. Case comments indicated the fire was possibly on the abandoned golf course behind the residence. E05 added Brush 5 and requested a TAC Channel. TAC03 was assigned and E05 and Brush 5 (BRU05) responded emergency to the area. E05 and BRU05 arrived on scene in the area of the golf course club house and found gray active smoke issuing from behind the clubhouse. E05 did a driving survey of the clubhouse and determined a better access point would be further into the neighborhood, though it was unclear where the fire was at precisely.</p> <p>The weather was cool, sunny, and dry. The winds were sustained at 15-17mph with gusts up to 40mph. E05 requested an additional Engine, Tanker, Brush Truck, and Battalion Chief respond. E05 arrived at a golf cart path near 3316 Cadence Way and stopped to investigate. E05A was able to see ~1 acre on fire and burning in the direction of the wind. There was no good or clear access from that entry point due to thick over growth of the golf course fairway and a sand trap/bunker immediately near the golf cart entrance. E05 relayed this information to the added units and proceeded down Cadence way (South), to the maintenance complex.</p> <p>E05 used bolt cutters to unlock the gate to the maintenance complex, 3388 Cadence Way. E05 staged in the rear parking lot of the single story structure and gave a secondary size up. E05 established command and utilized BRU05 to access the fairway. It was estimated the burn area was 3-4 acres at that time. Thick over growth again prevented more accurate spotting or sizing determination. Fire was spreading rapidly through brush and ladder fuels. BRU05 began establishing a wet fire line using the onboard tank and pump. E05 was attempting to stop fire spread from the fairway into a lightly wooded area to the south where the fire would be</p>																							
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able to rapidly spread through the over growth. E05 requested 2 additional engines and brush trucks to respond.

Bat04 arrived on scene and assumed command at the Clubhouse. Engine 18 arrived at the clubhouse and was unable to gain access from that point without a brush truck. E05 advised that Wilderness was the road running parallel to E05's position on the other side the of wooded area. E18 repositioned to Wilderness, and later Nestlebrook Trail.

E05A and Driver hand-jacked 600' of 3" supply to act as a portable hydrant to top off BRU05 as a protracted case was expected. The fire was fast moving and 100' of 3" supply hose was burned near the leading edge of the fire. A large column of fire was spotted by BRU05 Driver. The fire was inaccessible and of unknown size. E05 recommended a full structural response to the IC due to fast moving and uncontained nature of the fire. The golf course was surrounded by a large number of single family homes.

The remaining 500' was charged to a water thief and a 100' 1.88" bundle was attached with a low flow 1/2" smoothbore stacked tip nozzle. E05A began establishing a wet fire line on the North side of the fairway between the cart path and the water trap/pond. E19 was assigned to assist E05 and BRU05 with fire containment and extinguishment. Tanker 5 was assigned to nurse/supply E05. All units used hand tools, water cans, 1.88" attack lines, forestry hose, and booster hose to establish fire breaks and stop fire spread. One floating pump assigned to BRU05 went OOS with a pull start malfunction. Approximately 1.5 hours into the operations on the initial attack side, E06 and E08 arrived to assist. E08 was assigned Division Alpha at that time.

Multiple other units arrived in a staggered fashion and were deployed around the golf course. The operational zone is listed at ~112 acres including the water hazards by City Assessment data. Brush 9 and Brush 19 were OOS at the City Garage and never responded. The Fire Drone (FDRONE1) arrived and began aerial reconnaissance of the fire. E03, E18, L02, FR01, NE33, BRU02, BRU06, BRU08, BRU17, Navy Brush, and Tanker 6 reported to the Nestlebrook area and were assigned to Division C. Bat03 took Division Supervisor of Division C. Car 10 arrived at the command post and took command with Bat04.

Additional callers reported the fire was at Indian River Road and in danger of jumping the road. E03 investigated that claim and determined it was unfounded. E03 rejoined Division C and worked on Nestlebrook. Division C also sent units to Rose Garden Way for a fire line.

The bulk of the fire was on the golf course and spreading rapidly to Division C. Those units were able to deploy multiple handlines and hand tools with positive water supplies from Nestlebrook and stop the fire spread at the edge of citizen's private property. Damage was done to the landscaping, shrubs, trees, and fencing of the private residences from 3261 Wilderness Ln down to 2720 Nestlebrook Trail. The intrusion area was minor and no structures became involved. The total private property intrusion was estimated with GIS mapping tools at 47,489sqft, ~1 acre.

Damage to the golf course property was estimated with GIS mapping to be ~36.4 acres. The damage was largely to the overgrown brush and ladder fuels. There was also damage to several live and dead trees, electrical junction boxes, and course lighting. All of the land damaged by fire is anticipated to make a recovery and was not being cared for at the time of the fire.

The fire was declared out at 18:11 and crews remained on scene for cleanup and demobilization. Division Charlie reported ~2500' of 5" supply line on the ground, with additional 1.88" attack lines. E18 took the lead on collecting resident data for homes effected on Wilderness and Nestlebrook.

Fire Investigators arrived and called E05 to the command post for a briefing of findings on arrival. Fire Investigators determined aerial reconnaissance would not be effective due to the setting light and sustained winds. A hot spot was reported and BRU05 investigated and extinguished that spot. Command was dissolved and the TAC was cleared.

E05 and BRU05 returned to service and cleared the backfill unit. All equipment was cleaned and returned to ready status. Broken and damaged equipment was tagged out for repair. The 3" hose damaged was tagged for repair and replaced with spare hose from the station.

Data for persons involved was entered by E18 Officer, CT. Hale. CT. Degges took the lead on the primary NFIRS report. City Assessment data was compiled and mapped. User: Degges, Derek 3/9/2023 21:40:29

To calculate the fire loss all properties involved were researched through the City Assessment database. The main golf course is 3100 Arnold Palmer Dr. GPIN 14936378940000. The course had a listed land value of \$1,045,600 and improvement value from two structures of \$2,591,200. The GPIN parcel had a listed square foot area of 4,977,393.92sqft. This was corroborated with the city GIS Area Mapping tool. The burned area of land was estimated at 1,585,584sqft (approximately 36.4 acres) using the same mapping tool. Of that burned area, an estimated 47,489.5sqft was private residential land.

The 10 residential addresses involved (Others Involved tab) had a combined land value of \$3,402,000 and combined structure value of \$9,848,000. The values of the structures were summed for the pre-incident value. The combined area of private residential land was obtained from the city assessment database and summed to be 308,821.55sqft. Dividing the total private land area burned by total private land area gave an average 15.377% loss.

The Vbfd Loss calculator was used to estimate the value of structure contents for the commercial and residential properties independently. Property loss was calculated at 15.377% of the land area of the private residences, giving a total value of \$523,147. Since the majority of the damage was burned grass and shrubs, 10% of that value was used to replace or rehabilitate the lawn, fencing, and landscaping. The other 90% is presumed to not be a "true loss" as left unattended, the land would still heal and have value.


This method yields a final loss value of \$52,314, or an average of \$5,231.47 per home. Without fire department intervention, these homes would have had direct flame impingement as a matter of course of the fire.

A request was sent to Fire Admin to have the case location updated to 3100 Arnold Palmer Dr.
User: Degges, Derek 03/11/2023 20:33:38

Based on conversations post incident with the property owner/care taker, a portion of the property was being used for commercial farming of trees. City GIS mapping indicated this area used for agriculture/horticulture was approximately 187,922sqft (4.3 acres). E05 was unable to determine a dollar value for the potential loss of the trees or other live products in that area. User: Degges, Derek 03/28/2023 12:17:45

M	John H Crandell II Officer in Charge	District Chief Rank	Officer in Charge Assignment	03/07/2023 Date
	Derek J Degges Member Making Report	Captain Rank	Officer Assignment	03/07/2023 Date

SS Special Studies		
ID	Title	Entry Description
9244	COVID 19 Discovery	No, COVID 19 was not a factor.

NFIRS-2 Fire 	B Property Details B₁ Not Residential Estimated number of residential living units in building of origin whether or not all units	C On-Site Materials or Products On-site material (1)	Storage Code
	B₂ Buildings not Involved Number of buildings involved.	On-site material (2)	Storage Code
	B₃ 36 Acres burned (outside fires).	On-site material (3)	Storage Code

D Ignition <i>Open area - outside; included are farmland, field</i> Area of Fire Origin <i>Undetermined</i> Heat Source <i>Light vegetation - not crop, including grass</i> Item First Ignited <i>Natural product, other</i> Type of Material First Ignited	E₁ Cause of Ignition <i>Cause under investigation</i>	E₃ Human Factors
	E₂ Factors Contributing to Ignition 1. High wind	

F Equipment Involved in Ignition

G Fire Suppression Factors

1. *Wind, including hurricanes or tornadoes*
2. *Unusual vegetation fuel loading*

H Mobile Property Involved