

# Public Document Pack

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27 August 2020

Dear Member,

## **Horsham Fire Station Task & Finish Group - Friday, 28 August 2020**

Please find enclosed the following document for consideration at the meeting of the Horsham Fire Station Task & Finish Group on Friday, 28 August 2020 which was unavailable when the agenda was published.

<b>Agenda No</b>	<b>Item</b>
<b>4.</b>	<b>Appendix B</b> (Pages 3 - 4)

Yours sincerely

Tony Kershaw  
Director of Law and Assurance

**To all members of the Horsham Fire Station Task & Finish Group**

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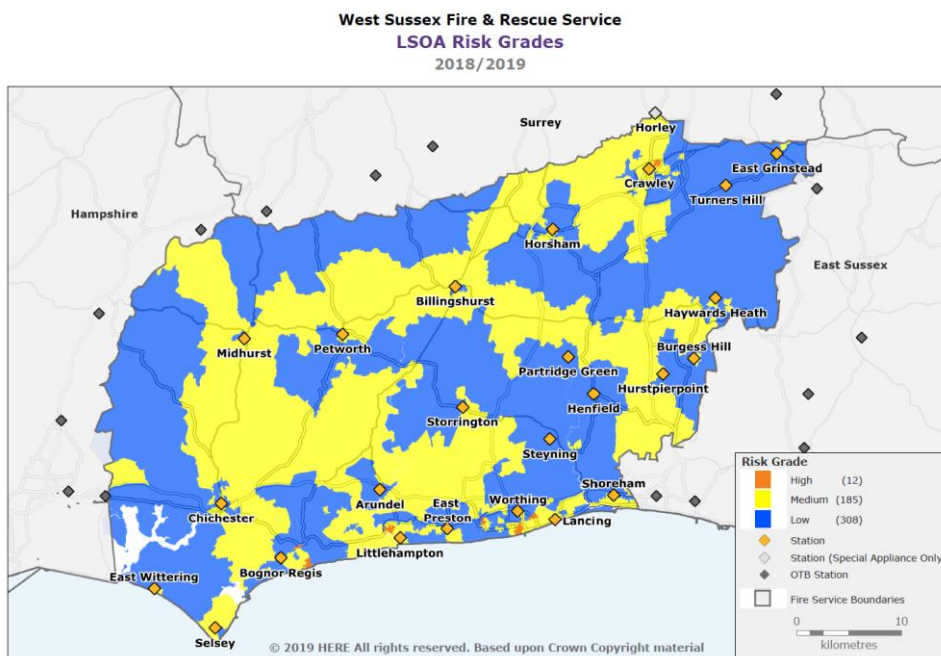
## West Sussex Fire and Rescue Service

### 1. Horsham Fire Station Response Modelling Summary

1.1 WSFRS have four target response standards, Very High, High, Medium and Low, each has different response target times. The County of West Sussex is then modelled using Lower Super Output Areas (LSOA) (there are 505 LSOAs across West Sussex, each LSOA is created by the Office for National Statistics and have a population of 1,500 with a minimum of 1,000 people) to determine the response times using a risk modelling algorithm to create a risk map of the county. The modeling calculations are based on the risk grade of the Lower Super Output Areas (LSOA) and the associated response target. WSFRS allocate each LSOA a risk grade of either Very High, High, Medium or Low. There are currently no "very high" areas within West Sussex.

1.2 This risk map [https://www.westsussex.gov.uk/media/13684/critical\\_fire\\_risk\\_map.jpg](https://www.westsussex.gov.uk/media/13684/critical_fire_risk_map.jpg) is refreshed annually and is calculated according to a number of factors including dwelling fire rates per head of population, casualty rates per head of population, the number of non-dwelling fires and the Index of Multiple Deprivation (IMD) for the area. In 2018/19 there were 12 high risk, 185 medium risk and 308 low risk LSOAs.

1.3 For critical incidents there is a response target associated with each LSOA depending on its risk grade.



### 2. Response Targets

2.1 Response targets are measured on a service wide basis and are based on the benchmarking detailed in Table 1. Further information on response standards are published in the IRMP and can be accessed at

[https://www.westsussex.gov.uk/media/13440/integrated\\_risk\\_management\\_plan.pdf](https://www.westsussex.gov.uk/media/13440/integrated_risk_management_plan.pdf). For critical fires, we aim to ensure that a fire engine will reach the scene within the time designated for the risk area 89% of the time for the first fire engine, and 83% of the time for the second fire engine. For critical special service calls, we aim to ensure a fire engine reaches the scene within 13 minutes, 80% of the time.

Table 1. Breakdown of response standards by risk.

	<b>1<sup>st</sup> Appliance</b>	<b>2<sup>nd</sup> Appliance</b>
Very High Risk	8 mins 70% of the time	11 mins 71% of the time
High Risk	10 mins 92% of the time	13 mins 91% of the time
Medium Risk	12 mins 89% of the time	15 mins 83% of the time
Low Risk	14 mins 92% of the time	17 mins 84% of the time
<b>Overall Benchmark</b>	<b>89% of the time</b>	<b>83% of the time</b>
<b>Special Service</b>	<b>13 mins 80% of the time</b>	

### 3. Impact on Response Targets

- 3.1 The relocation of the fire station would result in a small overall improvement to performance against response targets county-wide. Across all critical incidents (critical fires and critical special service calls), the number of incidents where a first fire engine would arrive within the overall response target would increase by 0.1%. As an example, this equates to around 10 more critical incidents being attended within the target response times across the whole county. Critical fires would see a slightly greater improvement of 0.4% for the first response and a 0.3% improvement for the second response.