



Protecting local
communities

Public Space Protection Orders Review Stockton District

September 2021

1 Purpose of Report

The purpose of this report is to provide Members of the Crime and Disorder Select Committee with information and analysis on Fire related incidents to inform their work on a scrutiny review of Public Space Protection Orders (PSPOs).

2 Background

The Anti-social Behaviour, Crime and Policing Act 2014 created several new tools and powers for use by Councils and their partners to address anti-social behaviour (ASB) in their local areas. These tools put victims at the centre of approaches to tackling ASB, focusing on the impact behaviour can have on both communities and individuals, particularly on the most vulnerable. Public Space Protection Orders (PSPOs) are one of the tools available under the 2014 Act

Public Spaces Protection Orders (PSPOs), introduced in 2014, sit amongst a broad range of powers and tools to help tackle anti-social behaviour locally, and are aimed at ensuring public spaces can be enjoyed, free from anti-social behaviour.

PSPOs can be used to prohibit specified activities, and / or require certain things to be done by people engaged in particular activities, within a defined public area. Used proportionately and in the right circumstances, PSPOs allow local areas to counter unreasonable and persistent behaviour that affects the quality of life of its residents. They can send a clear message that certain behaviours will not be tolerated and help reassure residents that unreasonable conduct is being addressed.

3 Approach & Methodology

Our analysis indicates that the following categories of incidents could be positively impacted by the successful introduction of PSPOs.

- Deliberate Secondary (nuisance) fires
- Deliberate Vehicle Fires
- Violence to staff

Using the Brigades Risk Management and Intelligence Frameworks an overview analysis has been undertaken of relevant incident related information within the Stockton District in order to provide Members with information on the following;

- What is the Risk Event
- Temporal details of the Events Occur
- Geospatial analysis of where the Events Occur

4 Analysis 2016 to 2021

In order to ensure that there is a robust and detailed understanding of such incidents a detailed analysis of the incidents covering the period 1st April 2016 to 31st March 2021 has been conducted to provide details of the temporal pattern of events and the geospatial location of such incidents.

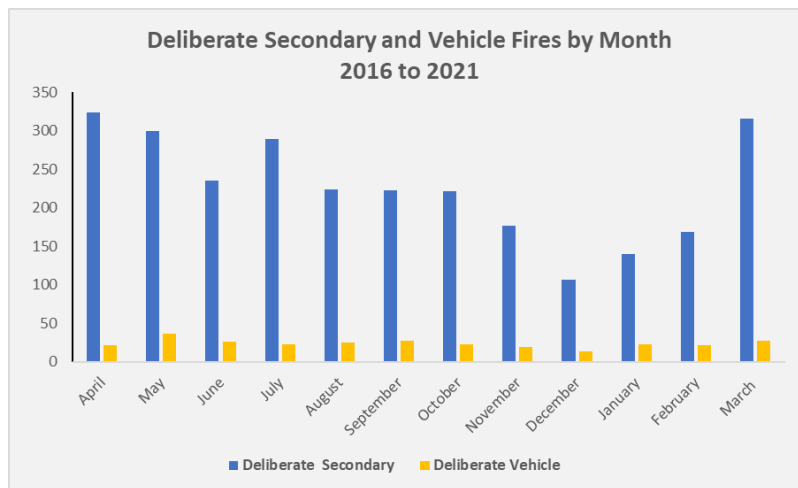
4.1 Total Service Demand

To provide a representative picture and statically sound analysis of deliberate secondary and vehicle fire incidents an analysis of incident levels over the 5-year period 1/4/16 to 31/3/21 has been undertaken. Key headline figures for service demand is;

- Deliberate Secondary Fire Incidents 1/4/16 to 31/3/21: 2722 incidents which is 19% of the total number (14251) of Deliberate secondary fire incidents.
- Of these Deliberate secondary fire incidents 72% are refuse related (CFB average: 74%) and 24% Grassland Related (CFB average 22%).
- Deliberate Vehicle Fire Incidents 1/4/16 to 31/3/21: 283 incidents which is 27% of the total number (1063) of Deliberate vehicle fire incidents
- Violence to Staff Incidents 1/4/16 to 31/3/21: 25 incidents which is 12% of the total number (216) of Violence to staff incidents within the Brigade area.

4.2 Incidents by Month

The following chart details the number of deliberate secondary fire and deliberate vehicle fire incidents by month of year based on the 5-year incident profile covering April 2016 to March 2021.

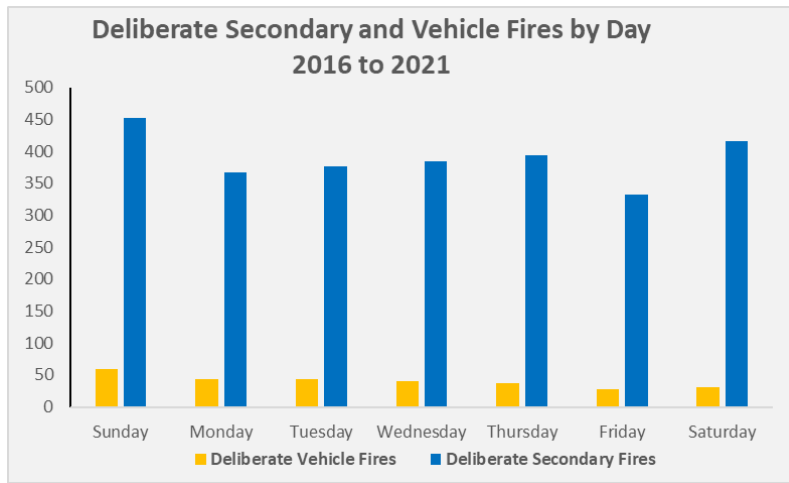


Peak numbers of deliberate secondary fire incidents occur in March to May each year with a peak also occurring in July. Lowest numbers of incidents occur during the December to February period.

Number of deliberate vehicle fires are lower in number and relatively consistent throughout the year. May incurs a slightly higher number of incidents that the rest of the year.

4.3 Incidents by Day

The following chart details the number of deliberate secondary fire and deliberate vehicle fire incidents by day of week based on the 5-year incident profile covering April 2016 to March 2021.

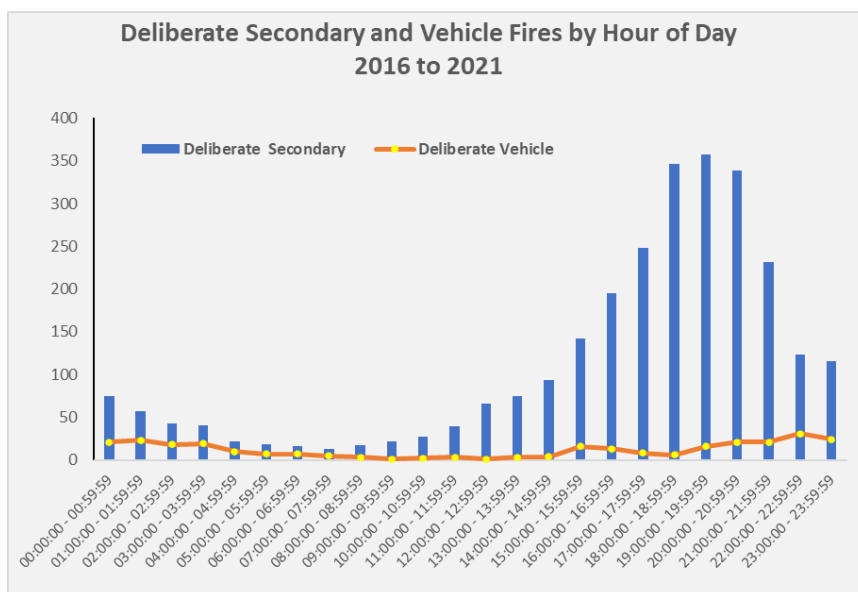


Peak numbers of deliberate secondary fire incidents occur on a Sunday although numbers are relatively constant across the days of the week.

Number of deliberate vehicle fires are lower in number and relatively consistent throughout the week with a very minor increase on a Sunday compared to the rest of the week.

4.4 Incidents by Hour

The following chart details the number of deliberate secondary fire and deliberate vehicle fire incidents by hour of day based on the 5-year incident profile covering April 2016 to March 2021.



The chart below illustrates that over the 5-year period 72% of our deliberate secondary fire incidents occur between the times of 1400hrs and 2159hrs which aligns to the hours we deploy our Small Fires Units.

63% of deliberate vehicle fire incidents occur between 20:00 and 03:59.

4.5 Incidents by Ward

The following table shows the absolute number of incidents that have occurred over the 5-year period analysed by Ward.

From the analysis of the raw data, it can be seen that;

- Billingham South and Stockton Town Centre incur high levels of Deliberate secondary and vehicle fires
- Mandale and Victoria and Norton South incur high levels of Deliberate vehicle fires
- Newtown incurs high levels of deliberate secondary fire incidents

Appendix 1 provides this ward summary split between the individual financial years for information

	5 Years Vehicle Fires	5 Years Secondary Fires
00EFNH - Billingham Central	7	88
00EFNJ - Billingham East	10	115
00EFNK - Billingham North	5	30
00EFNL - Billingham South	26	220
00EFNM - Billingham West	0	18
00EFNN - Bishopsgarth and Elm Tree	13	73
00EFNP - Eaglescliffe	4	58
00EFNQ - Fairfield	3	25
00EFNR - Grangefield	3	22
00EFNS - Hardwick	24	179
00EFNT - Hartburn	3	23
00EFNU - Ingleby Barwick East	3	32
00EFNW - Ingleby Barwick West	1	91
00EFNX - Mandale and Victoria	30	158
00EFNY - Newtown	16	470
00EFNZ - Northern Parishes	9	34
00EFPA - Norton North	6	103
00EFPB - Norton South	26	152
00EFPC - Norton West	0	19
00EFPD - Parkfield and Oxbridge	16	110
00EFPE - Roseworth	13	74
00EFPF - Stainsby Hill	11	37
00EFPG - Stockton Town Centre	41	487
00EFPH - Village	6	42
00EFPJ - Western Parishes	3	17
00EFPK - Yarm	4	45

Attached at Appendix 2a, b provides Members with Maps showing the distribution and concentration of these incident types.

4.6 Violence to Staff

The Brigade takes a zero tolerance to VTS incidents, and all incidents are investigated. Unfortunately, between 2016 to 2021 there were 216 VTS incidents to CFB staff within the Brigade area of which 25 (12%) occurred within the Stockton District.

Appendix 2c shows the location of where these incidents occurred and a significant proportion of these occurred within the Stockton Town Centre and Newtown wards

Our analysis of these incidents show that a large proportion occur when staff area dealing with incidents and primarily occur during deliberate secondary fire incidents.

4.7 Impact of Covid Pandemic

During 2020/21 the Covid pandemic significantly impacted the services provided by the Brigade. New ways of delivering Prevention and Protection services were introduced and a significant reduction in the level of service demand for incidents was experienced. Such reductions were consistent with the rest of the country, the Brigade area, and Stockton District.

The following table provides details of the reduction in numbers of incidents incurred nationally, within the CFB area and within Stockton during this period.

	National				Cleveland Fire Brigade				Stockton District			
	2019/20	2020/21	Diff	%	2019/20	2020/21	Diff	%	2019/20	2020/21	Diff	%
Total Incidents	558013	518263	-39750	-7.1	8582	7737	-845	-9.8	2111	1949	-162	-7.7
Total Fires	154,180	151086	-3094	-2.0	4302	3763	-539	-12.5	902	797	-105	-11.6
Deliberate Primary Fires	19154	15277	-3877	-20.2	447	391	-56	-12.5	94	80	-14	-14.9
Deliberate Secondary Fires	50664	48419	-2245	-4.4	3276	2811	-465	-14.2	637	553	-84	-13.2

As can be seen significant reductions were experienced and thus should be taking into consideration during service planning activities and associated resource deployment.

5 Analysis 2021/22

To provide Members with the most up to date information the following section provides details of incidents occurring in the current financial year with particular emphasis placed on the identification of the location of such incidents.

5.1 Service Demand

To provide Members with current information, activity covering the period 1/4/21 to 31/8/21 is shown in the following section. Key headline figures for service demand are

- Deliberate Secondary Fire Incidents 1/4/21 to 31/8/21: 290 incidents which is 16% of the total number (1770) of Deliberate secondary fire incidents within the Brigade
- Of these Deliberate secondary fire incidents 72% are refuse related (CFB average: 64%) and 26% Grassland Related (CFB average 32%).
- Deliberate Vehicle Fire Incidents 1/4/21 to 31/8/21: 27 incidents which is 24% of the total number (112) of Deliberate vehicle fire incidents within the Brigade
- Violence to Staff Incidents 1/4/21 to 31/8/21: 4 incidents which is 14% of the total number (28) of VTS incidents in the Brigade area.

5.2 Temporal Analysis

Our temporal analysis of the service demand within this period shows us that it follows a very similar pattern to the information detailed in section 5-year pattern detailed in in section 4.2 to 4.4 of this report.

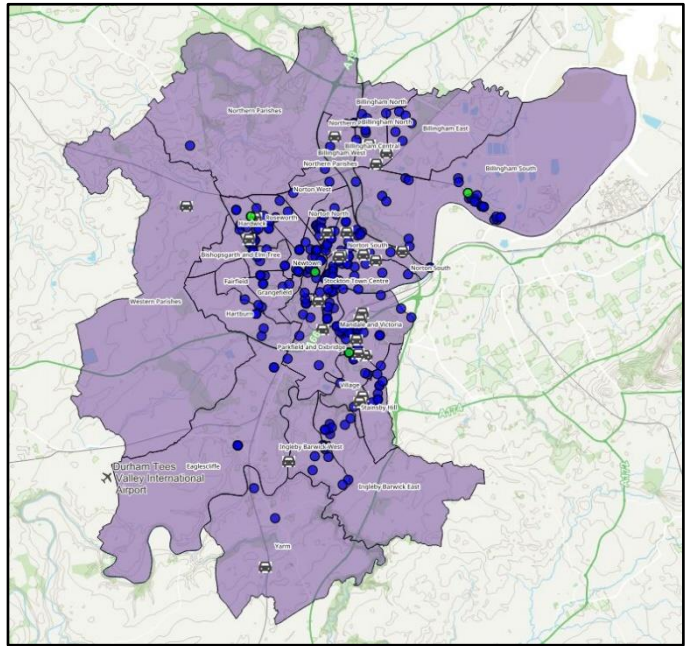
5.3 Incidents by Ward

The following table provides details of where Deliberate Secondary Fire and Deliberate Vehicle Fires have occurred during 2021.

From the analysis of the raw data, it can be seen that;

- Mandale and Victoria and Stockton Town Centre incur high levels of Deliberate secondary and vehicle fires
- Newtown and Billingham South incur high levels of deliberate secondary fire incidents

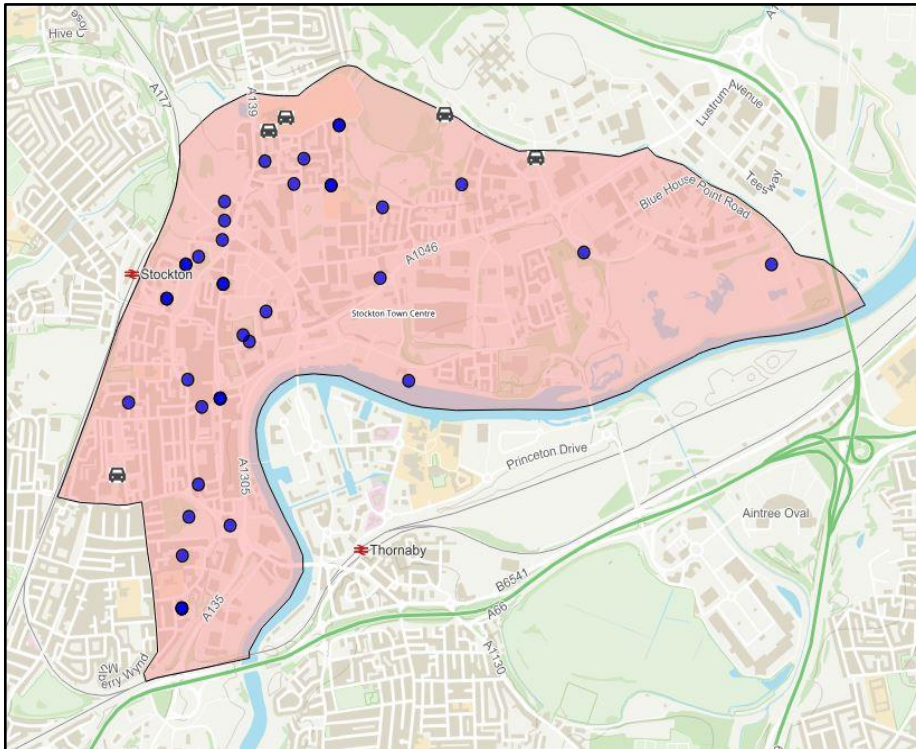
	2021 Vehicle Fires	2021 Secondary Fires
00EFNH - Billingham Central	3	4
00EFNJ - Billingham East	0	5
00EFNK - Billingham North	1	3
00EFNL - Billingham South	0	25
00EFNM - Billingham West	0	3
00EFNN - Bishopsgarth and Elm Tr	0	8
00EFNP - Eaglescliffe	0	6
00EFNQ - Fairfield	0	3
00EFNR - Grangefield	0	8
00EFNS - Hardwick	2	20
00EFNT - Hartburn	0	4
00EFNU - Ingleby Barwick East	1	8
00EFNW - Ingleby Barwick West	0	8
00EFNX - Mandale and Victoria	6	30
00EFNY - Newtown	0	37
00EFNZ - Northern Parishes	0	1
00EFPA - Norton North	1	19
00EFPB - Norton South	2	20
00EFPC - Norton West	0	3
00EFPD - Parkfield and Oxbridge	1	10
00EFPE - Roseworth	0	3
00EFPF - Stainsby Hill	2	9
00EFPG - Stockton Town Centre	6	45
00EFPH - Village	0	6
00EFPJ - Western Parishes	1	0
00EFPK - Yarm	1	2



The locations of these incidents by individual type of incident are shown in District Wide maps located in Appendix 3a, b, c

To support Members analysis and investigation of PSPOs detailed maps of wards suffering high incidents of deliberate secondary and vehicle fires during the current year have been produced to enable any hot spots of incidents. These maps have also been supplemented by a list of locations which have incurred multiple incidents in the current year (Appendix 4).

5.4 Stockton Town Centre



Incidents are dispersed across the Stockton Town centre ward. There has been 6 deliberate vehicle fire incidents and 45 deliberate secondary fire incidents.

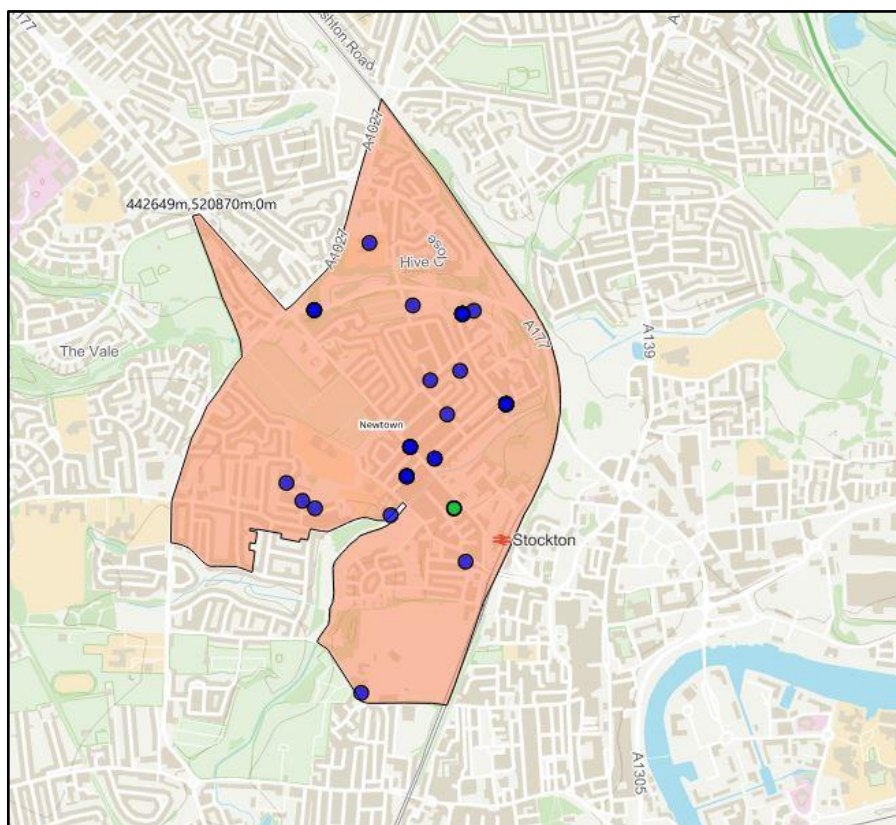
The following table shows the locations which have had more than one deliberate secondary fire or deliberate vehicle fire incident during 2021/22

Location	Ward	No Inc 2020/21
HIGH STREET STOCKTON	STOCKTON TOWN CENTRE	3
BRUSELTON COURT PARKFIELD	STOCKTON TOWN CENTRE	2
ROUTLEDGE ROAD TILERY	STOCKTON TOWN CENTRE	2
TALBOT STREET TILERY	STOCKTON TOWN CENTRE	2

The following table shows the main locations and number of incidents deliberate fire incident during the 5-year period 2016 to 2021.

Location	Ward	No Inc
MELBOURNE STREET STOCKTON	STOCKTON TOWN CENTRE	25
NORTH SHORE ACADEMY.TALBOT STREET	STOCKTON TOWN CENTRE	22
ROUTLEDGE ROAD TILERY	STOCKTON TOWN CENTRE	18
ST ANNS TERRACE PORTRACK STOCKTON	STOCKTON TOWN CENTRE	13
QUEENSPORT CLOSE PORTRACK STOCKTON	STOCKTON TOWN CENTRE	13

5.5 Newtown



Incidents are dispersed across the Newtown ward with several areas which have incurred multiple incidents. There have been zero deliberate vehicle fire incidents, 37 deliberate secondary fire incidents and one Violence to staff incident.

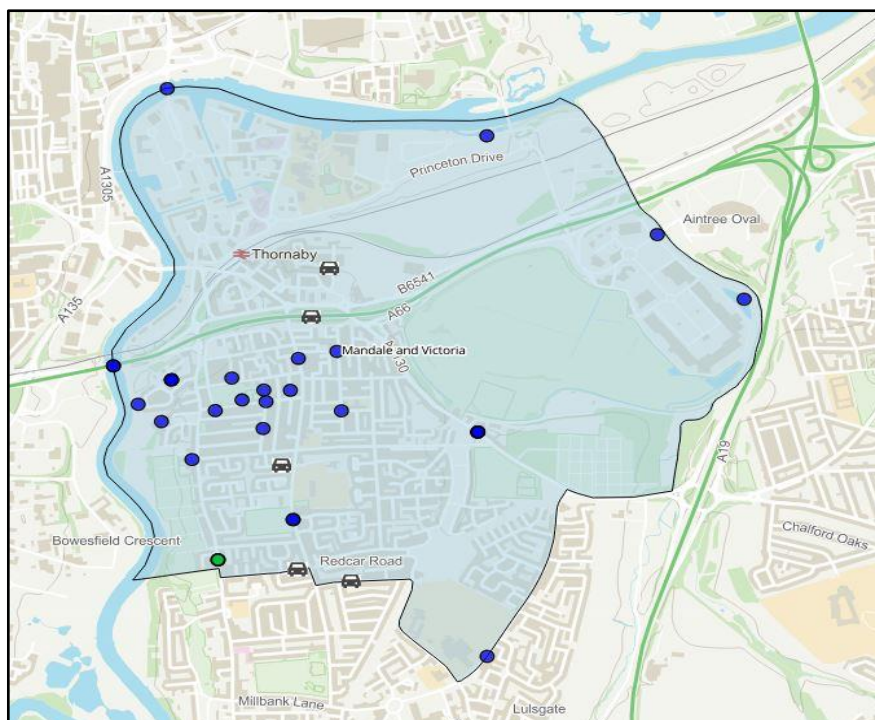
The following table shows the locations which have had more than one deliberate secondary fire or deliberate vehicle fire incident.

Location	Ward	No Inc
DUNDAS STREET PRIMROSE HILL	NEWTOWN	7
DURHAM ROAD BYPASS	NEWTOWN	5
LONDONDERRY ROAD NEWTOWN	NEWTOWN	3
NORTHBOURNE ROAD EASTBOURNE STOCKTON	NEWTOWN	3
PATTERDALE AVENUE NEWHAM GRANGE STOCKTON	NEWTOWN	2
PRIMROSE STREET PRIMROSE HILL	NEWTOWN	2

The following table shows the main locations and number of incidents deliberate fire incident during the 5-year period 2016 to 2021.

Location	Ward	No Inc
DURHAM ROAD BYPASS STOCKTON	NEWTOWN	69
NORTHBOURNE ROAD EASTBOURNE STOCKTON	NEWTOWN	57
BISHOPTON ROAD NEWTOWN STOCKTON	NEWTOWN	34
DONCASTER CRESCENT RAGWORTH STOCKTON	NEWTOWN	27

5.6 Mandale and Victoria



Incidents are dispersed across the Mandale and Victoria ward with several areas which have incurred multiple incidents. There has been 6 deliberate vehicle fire incidents and 30 deliberate secondary fire incidents.

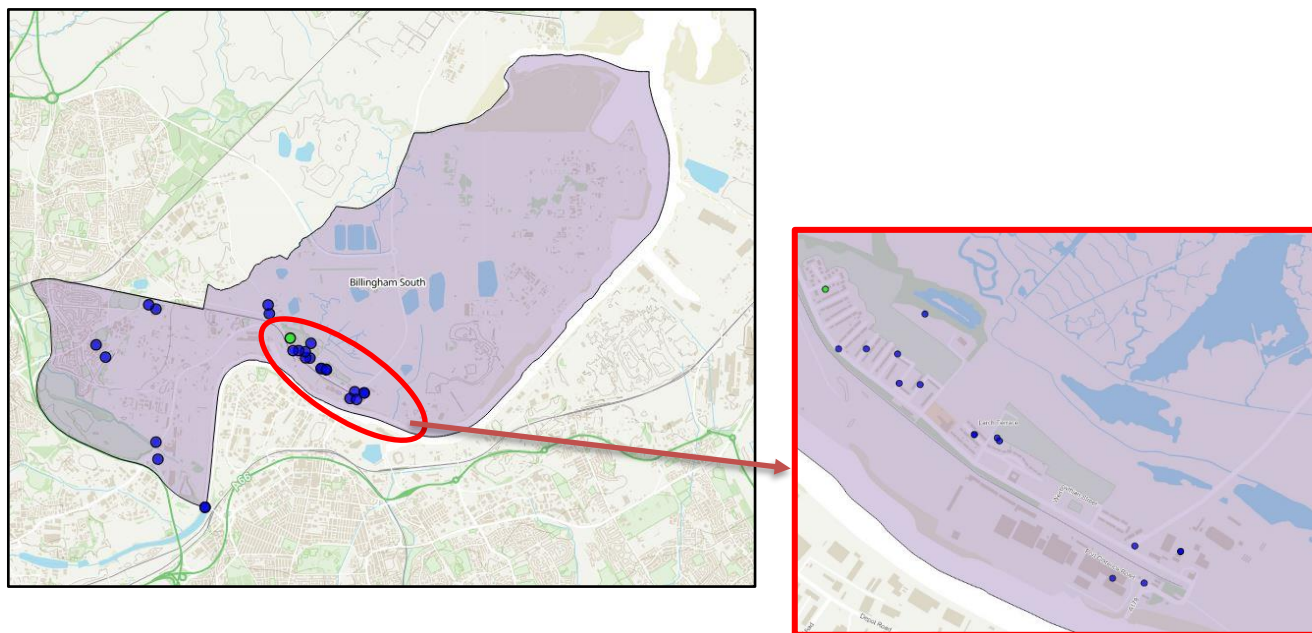
The following table shows the locations which have had more than one deliberate secondary fire or deliberate vehicle fire incident.

Location	Ward	No Inc
ACKLAM ROAD THORNABY	MANDALE & VICTORIA	3
SUN GARDENS THORNABY VILLAGE THORNABY	MANDALE & VICTORIA	3
SURTEES BRIDGE A66	MANDALE & VICTORIA	2
THORNABY ROAD THORNABY	MANDALE & VICTORIA	2
VICTORIA ROAD THORNABY VILLAGE	MANDALE & VICTORIA	2

The following table shows the main locations and number of incidents deliberate fire incident during the 5-year period 2016 to 2021.

Location	Ward	No Inc
ACKLAM ROAD THORNABY	MANDALE & VICTORIA	16
PEEL STREET THORNABY VILLAGE THORNABY	MANDALE & VICTORIA	10
THORNABY ROAD THORNABY	MANDALE & VICTORIA	10
SUN GARDENS THORNABY VILLAGE THORNABY	MANDALE & VICTORIA	6
SURTEES BRIDGE A66	MANDALE & VICTORIA	6
VICTORIA ROAD THORNABY VILLAGE	MANDALE & VICTORIA	6

5.7 Billingham South



Incidents are concentrated in the southern part of the Billingham South Ward with a significant concentration of incidents in the Port Clarence area. There has been 0 deliberate vehicle fire incidents and 25 deliberate secondary fire incidents.

The following table shows the locations which have had more than one deliberate secondary fire or deliberate vehicle fire incident.

Location	Ward	No Inc
LABURNUM GROVE HIGH CLARENCE MIDDLESBROUGH	BILLINGHAM SOUTH	2
NEWPORT BRIDGE ROAD NEWPORT MIDDLESBROUGH	BILLINGHAM SOUTH	2
PORT CLARENCE MIDDLESBROUGH	BILLINGHAM SOUTH	2
PORT CLARENCE ROAD HIGH CLARENCE MIDDLESBROUGH	BILLINGHAM SOUTH	2
VICTORIA TERRACE HIGH CLARENCE MIDDLESBROUGH	BILLINGHAM SOUTH	2

The following table shows the main locations and number of incidents deliberate fire incident during the 5-year period 2016 to 2021.

Location	Ward	No Inc
NEWPORT BRIDGE (NORTH). APPROACH ROAD	BILLINGHAM SOUTH	16
LABURNUM GROVE HIGH CLARENCE	BILLINGHAM SOUTH	15
HAVERTON HILL ROAD	BILLINGHAM SOUTH	14
PORT CLARENCE ROAD HIGH CLARENCE	BILLINGHAM SOUTH	12
LIMETREES CLOSE HIGH CLARENCE	BILLINGHAM SOUTH	9
VICTORIA TERRACE HIGH CLARENCE	BILLINGHAM SOUTH	8

6.0 Benefits of Public Space Protection Orders

The following section highlights some of the perceived benefits from the successful implementation of a Public Space Protection Orders

- **Reduced Risk and Enhanced Efficiency**

Deliberate secondary (nuisance fires) fires account for a large proportion of the Brigades incident profile. These are non-life risk incidents and are a drain on the Brigades resource.

Our intelligence shows that every secondary fire takes the Brigade on average 20 minutes to deal with from the time the appliance deploys to and then deal with the incident. In addition there is the time spent for crews to return to the station and ensure that their fire kit is cleaned and decontaminated. The significant number of deliberate nuisance fire incidents results in significant volume of operational resources being utilised which could be saved if the PSPO were successful..

By reducing the number of deliberate fires that the Brigade attends, it will free up operational resource which could then be utilised in increased prevention and protection activities. Such activities will ultimately reduce the risk to life through the provision of additional Safer Homes Visits, other prevention activities such as road safety activities and increased interaction with businesses to ensure compliance with fire safety legislation.

By reducing the number of deliberate secondary and deliberate vehicle fires we will also reduce the risk of these incidents spreading to other assets such as dwellings which would the create much larger and life risk incidents.

- **Other Agencies**

By reducing the numbers of deliberate secondary and vehicle fires will have a positive impact on other agencies including;

Local Authorities: Reduced requirement for cleaning up after incidents and repairing/ replacing items damaged by the incident.

Police: Reduced requirements for the attending and investigation of the deliberate fire and dealing with the antisocial behaviour

Health: Reduced incidents and instances of VTS will result in a reduced call on intervention and support from health organisations.

- **Environmental**

By Reducing the number of deliberate fires occurring it will have a positive impact on environmental issues in the following ways.

Fires create substantial volumes of toxic emissions into the atmosphere. Hence if numbers of such fires were reduced there would be a positive impact on the environment.

A reduction in the number of incidents would lead to a reduced number of mobilisations of fire appliances or small fire units to deal with the incidents. This would have the positive impact of reducing the volume of vehicle emissions being generated through these mobilisations

- **Neighbourhoods and Local Economy**

Deliberate fires are a blight on the neighbourhoods that they occur in, by reducing the volume of such incidents will improve the local area and provide a safe place for residents to live and businesses to flourish. This should also have a positive impact on the local economy of the area either directly or indirectly.

- **Staff HWB**

By reducing the number of deliberate fires, we should also experience a reduction in the number of violence to staff incidents that the Brigade and other organisations staff encounter, whether it is physical or verbal violence to staff. Ultimately this will have a beneficial impact of health and wellbeing of staff.

7.0 Summary

The report has provided Members of the Crime and Disorder Select Committee with summary information on the temporal pattern and geographical location of incidents to inform their work on a scrutiny review of Public Space Protection Orders (PSPOs). As work progresses information at a more granular level can be provided should it be required.

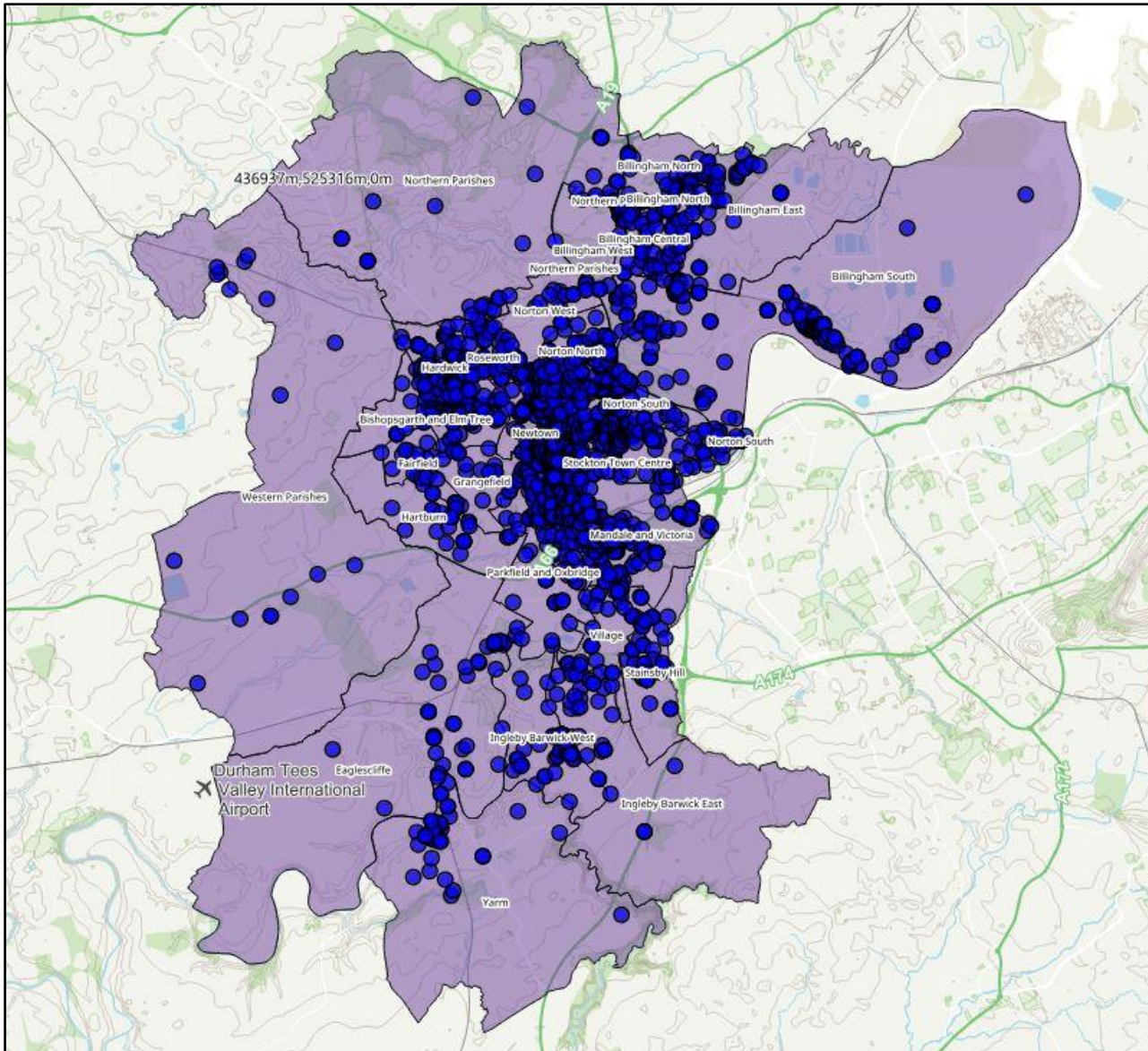
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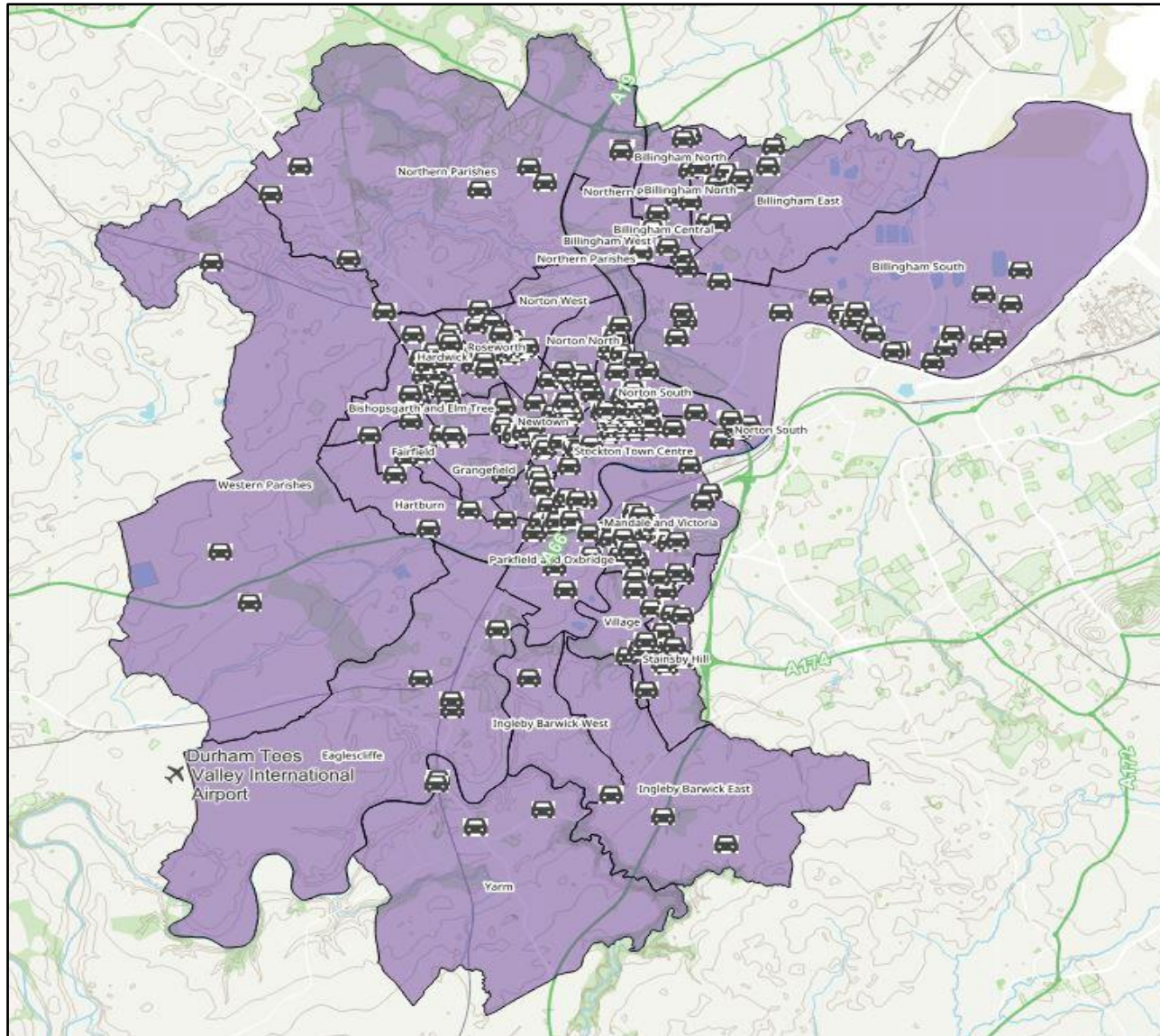
Appendix 1 Summary Location of Incidents 2016/17 to 2020/21

Ward	Deliberate Secondary Fires					Deliberate Vehicle Fires				
	16/17	17/18	18/19	19/20	20/21	16/17	17/18	18/19	19/20	20/21
O0EFNH - Billingham Central	28	12	15	22	11	1	2	3	0	1
O0EFNJ - Billingham East	20	26	24	18	27	2	3	1	3	1
O0EFNK - Billingham North	18	1	7	4	0	1	2	1	1	0
O0EFNL - Billingham South	10	25	50	53	82	3	8	6	3	6
O0EFNM - Billingham West	3	2	7	4	2	0	0	0	0	0
O0EFNN - Bishopsgarth and Elm Tree	16	10	12	29	6	3	6	0	2	2
O0EFNP - Eaglescliffe	8	8	7	18	17	2	1	0	0	1
O0EFNQ - Fairfield	3	7	2	8	5	0	2	0	1	0
O0EFNR - Grangefield	4	0	7	10	1	1	2	0	0	0
O0EFNS - Hardwick	56	34	44	24	21	4	2	1	9	8
O0EFNT - Hartburn	1	5	2	8	7	0	0	1	1	1
O0EFNU - Ingleby Barwick East	6	7	3	8	8	0	1	1	1	0
O0EFNW - Ingleby Barwick West	17	14	27	16	17	0	0	1	0	0
O0EFNX - Mandale and Victoria	28	29	29	40	32	9	4	6	8	3
O0EFNY - Newtown	27	50	173	135	85	5	3	3	1	4
O0EFNZ - Northern Parishes	3	5	8	4	14	1	2	5	1	0
O0EFPA - Norton North	9	16	27	32	19	3	1	6	2	6
O0EFPB - Norton South	9	31	32	35	45	3	8	0	3	0
O0EFPC - Norton West	1	2	4	8	4	0	0	0	0	0
O0EFPD - Parkfield and Oxbridge	15	20	35	13	27	1	4	4	7	0
O0EFPE - Roseworth	15	14	19	13	13	1	3	3	3	3
O0EFPF - Stainsby Hill	6	7	5	11	8	2	4	2	1	2
O0EFPG - Stockton Town Centre	97	82	124	96	88	4	5	18	6	8
O0EFPH - Village	6	8	9	14	5	0	2	0	3	1
O0EFPJ - Western Parishes	3	2	2	7	3	0	1	0	1	1
O0EFPK - Yarm	7	17	8	7	6	2	0	0	1	1

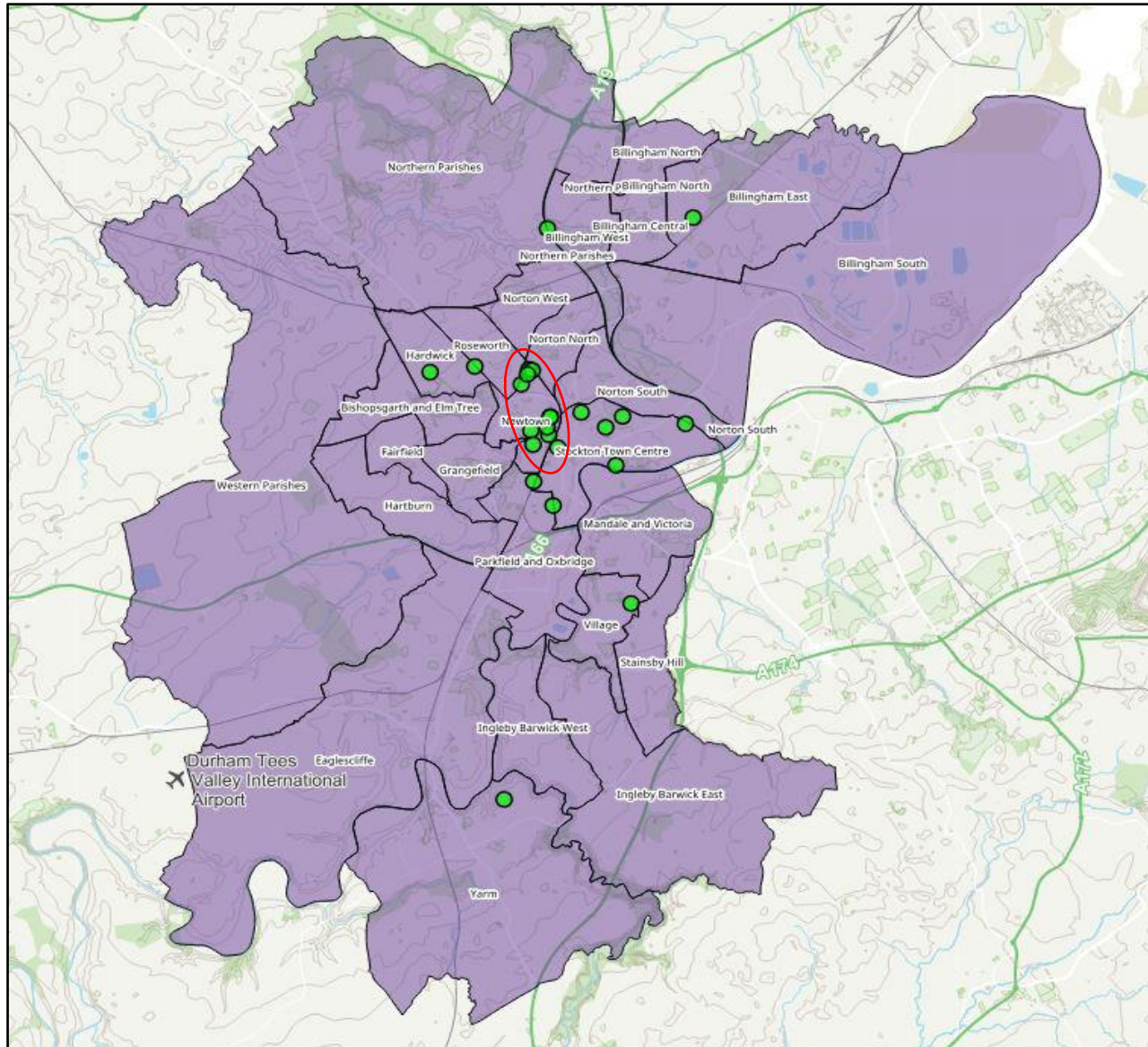
Appendix 2a: Deliberate Secondary Fires 1/4/16 to 31/3/21



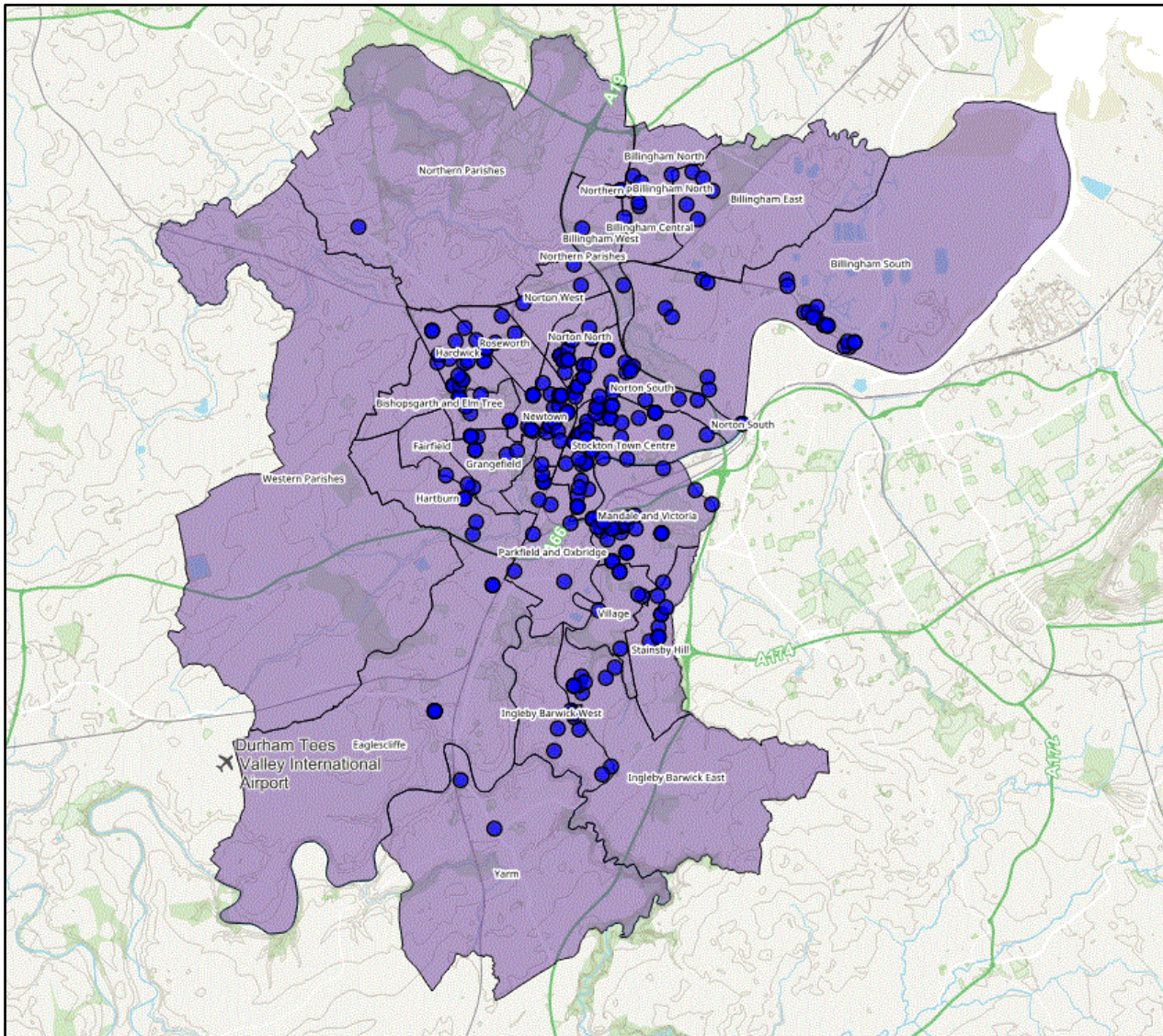
Appendix 2b: Deliberate Vehicle Fires 1/4/16 to 31/3/21



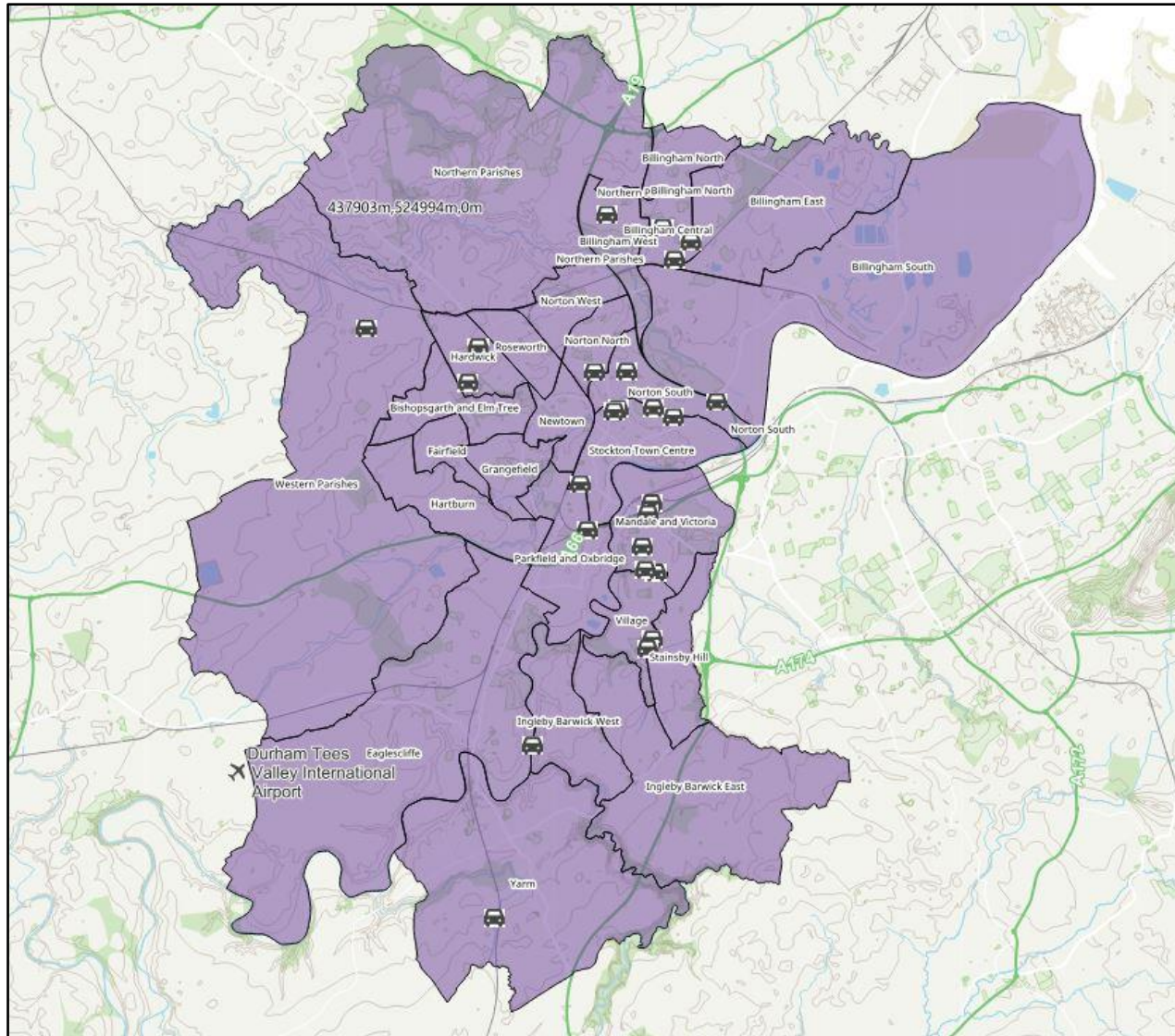
Appendix 2c: Violence to Staff Incidents 1/4/16 to 31/3/21



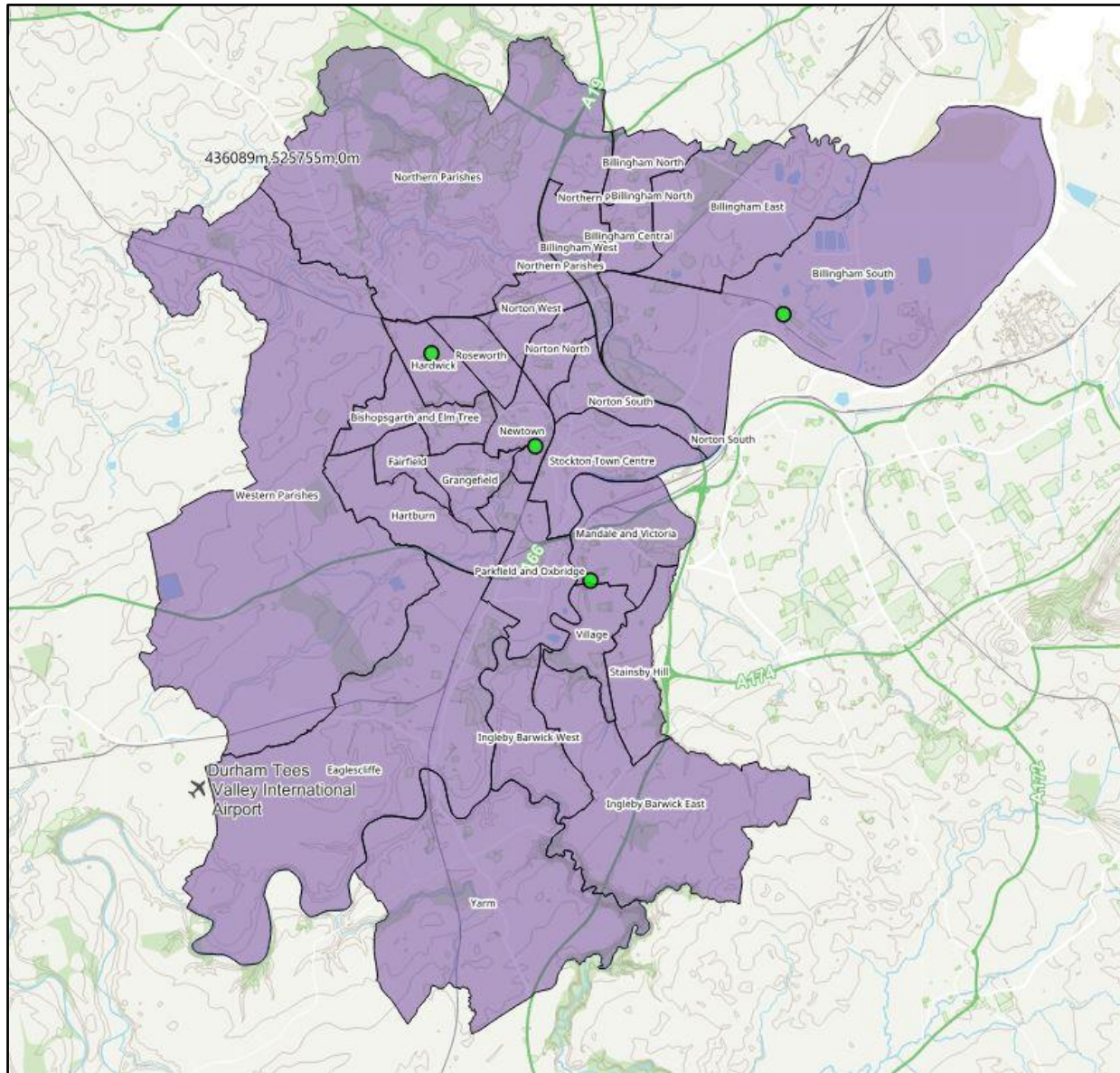
Appendix 3a: Deliberate Secondary Fires 1/4/21 to 31/8/21



Appendix 3b: Deliberate Vehicle Fires 1/4/21 to 31/8/21



Appendix 3c: Violence to Staff Incidents 1/4/21 to 31/8/21



Appendix 4: Location List Multiple Deliberate Secondary Fire and Deliberate Vehicle Fire Incidents 1/4/21 to 31/8/21

Location	Ward	No of Inc
DUNDAS STREET PRIMROSE HILL	NEWTOWN	7
DURHAM ROAD BYPASS	NEWTOWN	5
HIGH STREET STOCKTON	STOCKTON TOWN CENTRE	3
LONDONDERRY ROAD NEWTOWN	NEWTOWN	3
NORTHBOURNE ROAD EASTBOURNE STOCKTON	NEWTOWN	3
ACKLAM ROAD THORNABY	MANDALE & VICTORIA	3
SUN GARDENS THORNABY VILLAGE THORNABY	MANDALE & VICTORIA	3
BRUSSELTON COURT PARKFIELD	STOCKTON TOWN CENTRE	2
ROUTLEDGE ROAD TILERY	STOCKTON TOWN CENTRE	2
TALBOT STREET TILERY	STOCKTON TOWN CENTRE	2
PATTERDALE AVENUE NEWHAM GRANGE STOCKTON	NEWTOWN	2
PRIMROSE STREET PRIMROSE HILL	NEWTOWN	2
SURTEES BRIDGE A66	MANDALE & VICTORIA	2
THORNABY ROAD THORNABY	MANDALE & VICTORIA	2
VICTORIA ROAD THORNABY VILLAGE	MANDALE & VICTORIA	2
LABURNUM GROVE HIGH CLARENCE MIDDLESBROUGH	BILLINGHAM SOUTH	2
NEWPORT BRIDGE ROAD NEWPORT MIDDLESBROUGH	BILLINGHAM SOUTH	2
PORT CLARENCE MIDDLESBROUGH	BILLINGHAM SOUTH	2
PORT CLARENCE ROAD HIGH CLARENCE MIDDLESBROUGH	BILLINGHAM SOUTH	2
VICTORIA TERRACE HIGH CLARENCE MIDDLESBROUGH	BILLINGHAM SOUTH	2