### MR HARJIT SINGH DEOL

Proposed Residential Development Land Adjacent to Tollgate House, Bedlington

**Transport Technical Note** 



#### **PROJECT SUMMARY**

CLIENT:	Mr Harjit Singh Deol
CLIENT'S REFERENCE:	N/A
PROJECT:	Land Adjacent to Tollgate House, Bedlington
JOB NUMBER:	JN2362
REPORT:	Transport Technical Note
FILE NAME:	JN2362-Rep-0001.2 Transport Technical Note

#### **REPORT HISTORY**

Report No.	Issue No.	Comments	Prepared By	Checked By	Approved By	Date
0001.1	1 <sup>st</sup> Issue	Draft	AS	SAJ	SAJ	03.03.2022
0001.2	2 <sup>nd</sup> Issue	Final	AS	SAJ	SAJ	11.03.2022

This report has been prepared by SAJ Transport Consultants Ltd with all reasonable skill, care and diligence, within the terms of the Contract with the Client. The report is confidential to the Client and SAJ Transport Consultants Ltd accept no responsibility of whatever nature to third parties to whom this report may be made known.

No part of this document may be reproduced without the prior written approval of SAJ Transport Consultants Ltd.



#### **CONTENTS**

1.	INTRODUCTION	1
2.	EXISTING SITUATION	2
3.	PROPOSED DEVELOPMENT	4
4	SUMMARY AND CONCLUSION	9

#### **FIGURES**

- 1. Site Location Plan
- 2. Proposed Trip Assignment
- 3. Location of PICs

#### **APPENDICES**

- A. Proposed Site Layout
- B. Proposed Site Access Arrangement
- C. Swept Path Analysis
- D. TRICS Output File
- E. NOTIS Output File
- F. PIC Records



#### 1. INTRODUCTION

### 1.1 Background

- 1.1.1 The site is located at Barrington Road, Northumberland, see Figure 1.
- 1.1.2 The proposed development is for 12 dwelllings with an associated access road, see Appendix A.
- 1.1.3 The 12 dwellings are comprised of 8no. 4-bed and 4no. 3-bed dwellings.

#### 1.2 Commission

1.2.1 Although the development does not warrant a formal transport statement/assessment to accompany the planning application, the purpose of this report is to provide a technical note to outline the approach adopted to the highways issues associated with the proposed development.



#### 2. EXISTING SITUATION

#### 2.1 Existing Site

2.1.1 The site fronts onto the north side of Barrington Road which provides a route between Choppington and Bedlington. The location of the site is shown in Figure 1.



Figure 1: Site Location Plan

- 2.1.2 The site lies to the south of Hancock G & T car breaker yard which is served from a priority T-junction adjacent to its eastern site boundary. The access also serves Watson's Haulage and Skip Hire, Tollbar House and R Binks Auto Parts Store.
- 2.1.3 There is a priority T-junction adjacent to the western site boundary that serves a small number of residential dwellings.
- 2.1.4 The site benefited from an outline planning consent for 5 detached dwellings under planning reference 10/S/00019/OUT in April 2012 and therefore the principle of the site accommodating residential development has been established.

#### 2.2 Site Accessibility

- 2.2.1 There is continuous footway along the north side of Barrington Road and on Red Row Drive which are the nearest roads surrounding the site.
- 2.2.2 There is no dedicated cycling infrastructure in the vicinity of the site but the National Cycle Route (NCR1) can be accessed within Bedlington from St.Johns Road and Palace Road using on-road links. The NCR provides access to local destinations such as West Sleekburn, Ashington, North Seaton and Blyth.



2.2.3 There are existing bus stops on Barrington Road which are approximately 750m from the centre of the site can be accessed via the existing pedestrian infrastructure on Barrington Road. The bus stops are served by the 448 Go North East service that provides travel to Guide Post, Stakeford, Choppington and Bedlington.



#### 3. PROPOSED DEVELOPMENT

#### 3.1 Introduction

- 3.1.1 The proposed development consists of the erection of 12 dwellings with an associated access road.
- 3.1.2 The 12 dwellings are comprised of 8no. 4-bed and 4no. 3-bed dwellings.

#### 3.2 Site Access

- 3.2.1 The proposed development will be served from a single vehicular access onto the north side of the C404 Barrington Road. The access will be in the form of a priority T-junction with 6m kerb radii to facilitate a 5.5m wide access road. The layout of the proposed site access arrangement is shown in Appendix B.
- 3.2.2 The site access arrangements will provide visibility splays of 2.4m x 43m, as requested by NCC, wholly within land controlled by the applicant and/or the adopted public highway.
- 3.2.3 The existing footway along the site frontage on the north side of Barrington Road is to be upgraded to 2.0m width as part of the development proposals.
- 3.2.4 The proposed site access arrangement will be subject to a Stage 1 Road Safety Audit (RSA) in accordance with NCC protocols.

#### 3.3 Onsite Layout

- 3.3.1 Refuse bin stores are to be provided within the boundary of each plot.
- 3.3.2 A vehicle swept path analysis drawing is included at Appendix C which demonstrates that an 11.6m long refuse vehicle can enter the site, manoeuvre and egress the site in a forward gear.
- 3.3.3 Footway of 2.0m width is to be provided within the site.
- 3.3.4 The proposed onsite highway infrastructure including carriageway width, footway width and corner radii meet the minimum requirements in accordance with the NCC design standards. However, it is proposed that the onsite highway infrastructure is to be privately maintained and will be serviced by a private refuse collection.
- 3.3.5 Alternatively, the applicant will obtain a letter of acceptance from NCC Neighbourhood Services as to the collection of refuse from the site whilst indemnifying any potential damage caused by the refuse vehicle.



#### 3.4 Parking

- 3.4.1 The parking provision has been provided in accordance with the parking standards contained within the Draft Northumberland Local Plan<sup>1</sup>.
- 3.4.2 The schedule of accommodation is listed in Table 3.1.
- 3.4.3 The Architect has confirmed the internal garage dimensions are at least 6.0m x 3.0m, therefore they can be classified as parking spaces.
- 3.4.4 Also, the driveways are positioned to the side of the garages and have been confirmed to be at least 2.5m x 5.0m and therefore do not need clearances associated with garage doors.

Table 3.1 Total Parking Provision						
Parking Provision (Inc. Garage)			Northumberland County Council Parking Standards			
Plot No.	No. of Beds	No. of in-curtilage parking (inc.Garage)	NCC MinimumStandard (inc. Garage)	NCC Minimum Visitor Parking		
1	4	3	3			
2	3	2	2	1		
3	3	2	2	1		
4	3	2	2			
5	3	2	2			
6	4	3	3			
7	4	3	3	1		
8	4	3	3			
9	4	3	3			
10	4	3	3	1		
11	4	3	3			
12	4	3	3			

- 3.4.5 The visitor parking provision is to also be provided in accordance with the guidance which requires 1 space per 4 units and therefore 3 visitor parking spaces are required.
- 3.4.6 It is proposed that double yellow line parking restrictions are provided along the north side of Barrington Road to discourage any indiscriminate on-street parking. This is to be subject to the standard TRO process.
- 3.4.7 Cycle storage is provided within the shed of each plot.

<sup>&</sup>lt;sup>1</sup> Northumberland Local Plan: Publication Draft Plan (Regulation 19): January 2019. It is noted that at the time of writing, the Planning Inspectorate has found the draft plan to be sound (with the recommended main modifications) and that it is to be discussed at meetings of Cabinet and then the Full Council at the end of March before it can be adopted.



#### 3.5 Trip Generation, Distribution and Assignment

- 3.5.1 Vehicular trip rates for residential sites have been derived from the TRICS database using surveys from the '03- Residential: A-Houses Privately Owned' category. Trip rates for the traditional weekday AM (08:00-09:00) and PM (17:00-18:00) peak hours have been obtained.
- 3.5.2 The average vehicle trip rates for the proposed development during the weekday AM and PM peak hours are set out in Table 3.2, along with the resulting vehicle trip generation. The full TRICS outputs are attached to this report at Appendix D.

Table 3.2 Proposed Development: Predicted Vehicle Trip Generation (12 Dwellings)								
	Unit	Weekday AM Peak Hour Unit (08:00-09:00)				Weekday PM Peak Hour (17:00-18:00)		
		Arr.	Arr. Dep. Total			Dep.	Total	
Trip Rate per dwelling	Veh/Unit	0.176	0.352	0.528	0.340	0.176	0.516	
Trip Generation	Vehicles	2	4	6	4	2	6	

- 3.5.3 Table 3.2 indicates the development is forecast to generate 6 two-way vehicle trips during the weekday AM peak hour and 6 two-way vehicle trips during the weekday PM peak hour.
- 3.5.4 A run of the National Online Transport Information System (NOTIS) software program, has been undertaken to calculate the distribution of development trips based on Census 2011 Nomis Journey to Work by car data for the origin of all workers who work within the Northumberland 017 Middle Layer Super Output layer (MSOA), the area in which the site lies. The NOTIS output file is attached at Appendix E.
- 3.5.5 The predicted trip distribution indicates that 55% of trips will travel to/from Barrington Road East and 45% will travel to/from Barrington Road West. The trip distribution, applied to the trip generation (from Table 3.2) is 3 two-way trips to/from Barrington Road East and 3 two-way trips to/from Barrington Road West; see Figure 2.

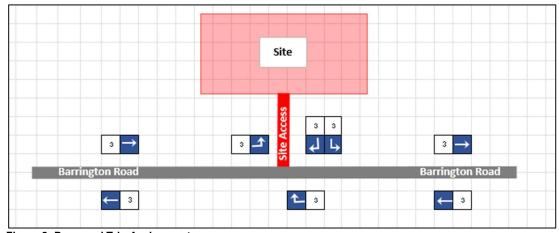


Figure 2: Proposed Trip Assignment



- 3.5.6 An Automatic Traffic Counter (ATC) was installed on the C404 Barrington Road in the vicinity of the proposed access location on Monday 10<sup>th</sup> January 2022 for one week. It should be noted that this survey period was at a time when COVID-19 restrictions were still in force and therefore it is likely that the flow volumes on the C404 were understated. The survey established average weekday peak hour flows of 300 two-way trips in the 08:00-09:00 AM peak hour and 243 two-way trips in the 17:00-18:00 PM peak hour.
- 3.5.7 The proposed development trips represent an increase of 2.0% in the AM peak hour and 2.5% in the PM peak hour. In operational terms, the percentage increases in trips on the C404 Barrington Road are not significant and are considered to be within the reasonable daily flow variation.

#### 3.6 Road Safety/PIC Assessment

- 3.6.1 Road injury collision data has been obtained from the Capita Innovations Road Traffic Accident System (CIRTAS) for the most recent five-year period (from 1<sup>st</sup> March 2017 to 1<sup>st</sup> March 2022). The output file is attached at Appendix F.
- 3.6.2 Figure 3 shows the extent of the highway safety study area and the locations of any reported road injury collisions during the five-year study period.



Figure 3: Location of PICs

3.6.3 Figure 3 indicates there have been no reported Personal Injury Collisions (PICs) on the C404 Barrington Road during the most recent 5 year period.



3.6.4 The PIC records show that there are no inherent highway safety issues on the section of the C404, Barrington Road within the study area. Given the predicted level of additional trips added to the network it is considered that there will be no adverse material impact on road safety associated with the proposed development.



#### 4. SUMMARY AND CONCLUSION

#### 4.1 Summary

- 4.1.1 The purpose of this report is to provide a technical note to outline the approach adopted to the highways issues associated with the development of 12 dwellings a mix of 8no. 4-bed dwellings and 4no. 3-bed dwellings.
- 4.1.2 The site benefited from an outline planning consent for 5 detached dwellings under planning reference 10/S/00019/OUT in April 2012 and therefore the principle of the site accommodating residential development has been established.
- 4.1.3 There is existing, continuous footway in the vicinity of the site and connections are available to the nearest bus stops.
- 4.1.4 The proposed development will be served from a single vehicular access onto the north side of the C404 Barrington Road. The access will be in the form of a priority T-junction with 6m kerb radii to facilitate a 5.5m wide access road.
- 4.1.5 Visibility splays of 2.4m x 43m, as advised by NCC, are to be provided within land owned by the applicant or the public highway.
- 4.1.6 The parking provision has been provided in accordance with the parking standards contained within the Draft Northumberland Local Plan (2019). It is proposed that double yellow line parking restrictions are provided along the north side of Barrington Road to discourage any indiscriminate on-street parking. This is to be subject to the standard TRO process.
- 4.1.7 The proposed development is predicted to generate 6 trips in the AM and PM peak hours, an increase of 2.0% in the AM peak hour and 2.5% in the PM peak hour compared to the flows recorded on the C404 Barrington Road in January 2022. In operational terms, the percentage increases in trips on the C404 Barrington Road are not significant and are considered to be within the reasonable daily flow variation.
- 4.1.8 There are no inherent highway safety concerns on the C404 Barrington Road within the study area that will be adversely and materially affected by the proposed development.

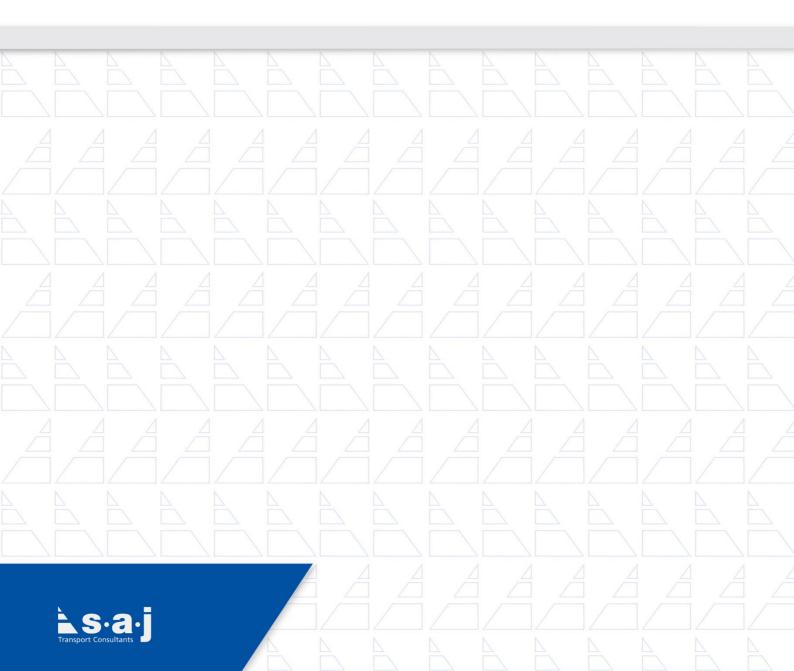
#### 4.2 Conclusion

4.2.1 Paragraph 111 of the NPPF states that development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe. In this case, the proposed development will result in no unacceptable or severe impacts and, as such, there is no justification for refusing this planning application on highways grounds.



4.2.2 Considering all of the above, it is concluded that the proposed development is acceptable and should be supported from a highways and transport perspective.



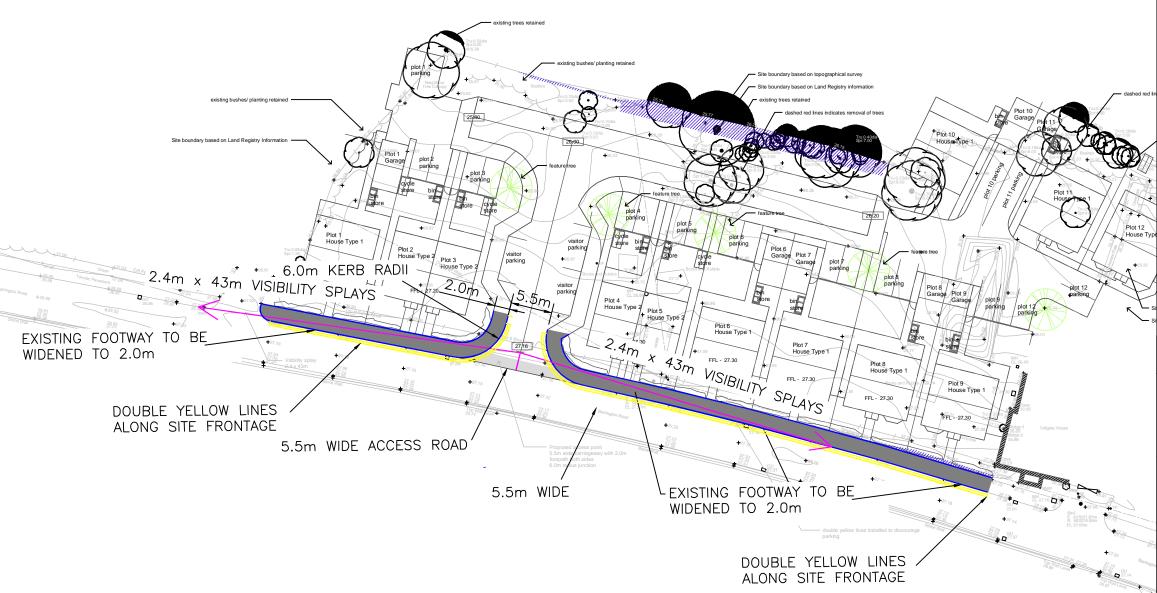


### Appendix A

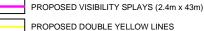


### Appendix B





PROPOSED KERB



- 1. BASE DRAWING 'NCL400628-1100-Proposed Site Plan-P03-Floor Plan 0\_Site Plan.DWG' (RECEIVED 03/02/2022) TOPO SURVEY - 2223200 (RECEIVED 08/12/2021)
- THIS DRAWING DEPICTS AN ILLUSTRATIVE DESIGN, DESIGNED IN ACCORDANCE WITH CD123. THE FINAL DETAILED DESIGN WILL BE SUBJECT TO THE APPROVAL OF THE HIGHWAY AUTHORITY AS PART OF THE HIGHWAYS ACT SECTION 278 PROCESS.
- 3. DETAILS NOT SHOWN ON THIS DRAWING THAT IT IS ASSUMED WILL BE DEVELOPED DETAILS NOT SHOWN ON THIS DRAWING THATTI IS ASSUME
  AS PART OF THE SECTION 278 INCLUDE:
   DRAINAGE AND DUCTING
   MEASURES TO PROTECT STATUTORY UTILITY APPARATUS
   LIGHTING AND ELECTRICAL WORKS
   TACTILE PAVING AT CROSSINGS

- HIGHWAY SIGNAGE
  EXTENTS OF SURFACING WORKS
  MATERIALS INCLUDING LANDSCAPING

- 4. JUNCTION TO BE SUBJECT TO STAGE 1 ROAD SAFETY AUDIT

Α	REVISED LAYOUT	01/22	MS	AS	SAJ	
EVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D	l

CLIENT

MR HARJIT SINGH DEOL

PROJECT

LAND AT TOLLBAR HOUSE BARRINGTON ROAD, BEDLINGTON **NORTHUMBERLAND** 

PROPOSED SITE ACCESS JUNCTION VISIBILITY SPLAYS

DRG No	SCALE	DATE
JN2362-Dwg-0001A	1:500 @ A3	JANUARY 2022
DRAWN BY	CHECKED BY	APPROVED BY
MS	AS	SAJ

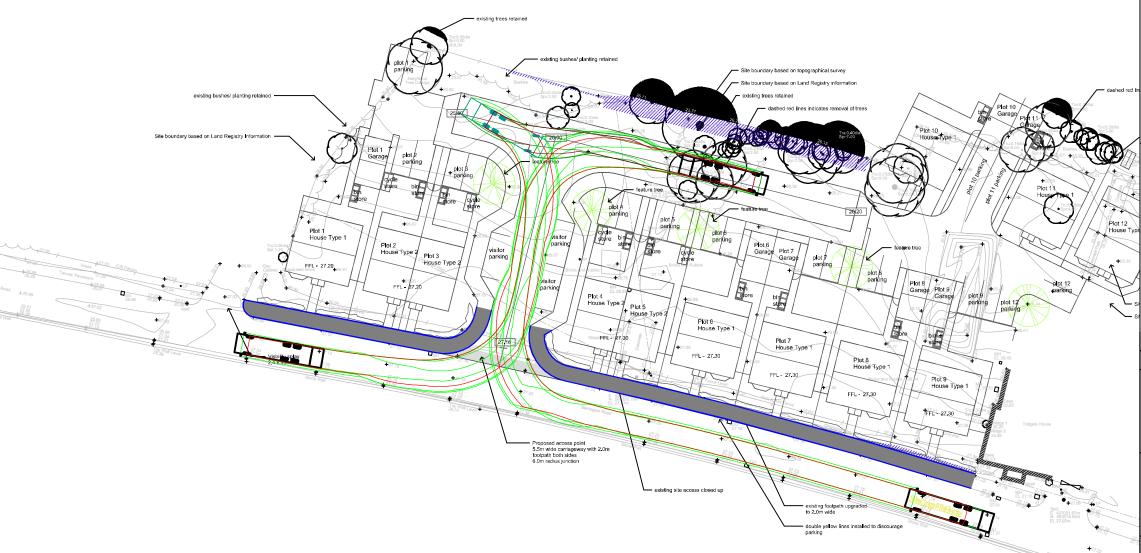


http://www.saj-consultants.com

© Crown Copyright and Database Rights (2022) Ordnance Survey Licence No. 0100031673

### **Appendix C**





ZEV

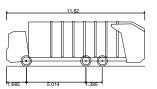
PROPOSED KERB

VEHICLE CHASSIS/WHEEL OUTLINE

VEHICLE BODY OUTLINE

NOTE

 BASE DRAWING - 'NCL400628-1100-Proposed Site Plan-P03-Floor Plan - 0\_Site Plan.DWG' (RECEIVED 03/02/2022)
 TOPO SURVEY - 2223200 (RECEIVED 08/12/2021)



11.6m Phoenix 2 Duo Recycler (P2-15W with Elite 6x4 chassis)
Overall Length 11.620m
Overall Width 2.530m
Overall Body Height 3.756m
Min Body Ground Clearance 0.309m
Track Width 2.530m
Lock to Lock Time 4.00 sec
Kerb to Kerb Turning Radius 11.550m

Α	REVISED LAYOUT	01/22	MS	AS	SAJ
REVISION	DETAILS	DATE	DRAWN	CHK'D	APP'D

CLIENT

MR HARJIT SINGH DEOL

PROJECT

LAND AT TOLLBAR HOUSE BARRINGTON ROAD, BEDLINGTON NORTHUMBERLAND

DRAWING TITLE

SWEPT PATH ANALYSIS REFUSE VEHICLE

DRG No	SCALE	DATE
JN2362-Dwg-0002B	1:500 @ A3	JANUARY 2022
DRAWN BY	CHECKED BY	APPROVED BY
MS	AS	SAJ



http://www.saj-consultants.com

©.Crown Copyright and Database Rights (2022) Ordnance Survey Licence No. 0100031673

# **Appendix D**

Tuesday 01/03/22 Page 1

S.A.J Transport Consultants Suite 22, 2nd Floor, Northumbrian Water House

7-15 Pink Lane, Newcastle upon Tlyipence No: 551501

Calculation Reference: AUDIT-551501-220301-0320

#### TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL

Category : A - HOUSES PRIVATELY OWNED

TOTAL VEHICLES

Selected regions and areas:

SOUTH EAST HERTFORDSHIRE 1 days HF KC KENT 1 days 04 EAST ANGLIA NF NORFOLK 2 days SF **SUFFOLK** 1 days WEST MIDLANDS 06 SHROPSHIRE SH 1 days WARWICKSHIRE 1 days 07 YORKSHIRE & NORTH LINCOLNSHIRE NY NORTH YORKSHIRE 1 days NORTH WEST 80 CHESHIRE CH 1 days

10 WALES

VG VALE OF GLAMORGAN 1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

#### Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: No of Dwellings Actual Range: 8 to 24 (units: ) Range Selected by User: 5 to 25 (units: )

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

#### Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/13 to 16/06/21

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday 2 days Tuesday 1 days Wednesday 5 days Thursday 2 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count 9 days
Directional ATC Count 1 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines.

Selected Locations:

Edge of Town 10

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

#### Selected Location Sub Categories:

Residential Zone

S.A.J Transport Consultants Suite 22, 2nd Floor, Northumbrian Water House 7-15 Pink Lane, Newcastle upon Tlyinence No: 551501

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Secondary Filtering selection:

#### Use Class:

10 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

#### Population within 500m Range:

All Surveys II	ncluded
----------------	---------

Popula	ation	within	1 mile:
1 001	to 5	000	

1,001 to 5,000	2 days
5,001 to 10,000	1 days
10,001 to 15,000	5 days
15,001 to 20,000	1 days
20,001 to 25,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

#### Population within 5 miles:

5,001 to 25,000	2 days
25,001 to 50,000	2 days
50,001 to 75,000	1 days
75,001 to 100,000	2 days
125,001 to 250,000	2 days
250,001 to 500,000	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

#### Car ownership within 5 miles:

0.6 to 1.0	4 days
1.1 to 1.5	6 davs

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

#### Travel Plan:

Yes	2 days
No	8 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

#### PTAL Rating:

No PTAL Present 10 days

This data displays the number of selected surveys with PTAL Ratings.

Covid-19 Restrictions

Yes

At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions S.A.J Transport Consultants Suite 22, 2nd Floor, Northumbrian Water House 7-15 Pink Lane, Newcastle upon Typence No: 551501

LIST OF SITES relevant to selection parameters

1 CH-03-A-09 TERRACED HOUSES CHESHIRE

GREYSTOKE ROAD MACCLESFIELD HURDSFIELD Edge of Town Residential Zone

Total No of Dwellings: 24

Survey date: MONDAY 24/11/14 Survey Type: MANUAL
HF-03-A-04 TERRACED HOUSES HERTFORDSHIRE

2 HF-03-A-04 TERRACED HOUSES HOLMSIDE RISE

WATFORD SOUTH OXHEY Edge of Town Residential Zone Total No of Dwellin

Total No of Dwellings: 8

Survey date: TUESDAY 08/06/21 Survey Type: MANUAL

3 KC-03-A-09 MI XED HOUSES & FLATS KENT

WESTERN LINK FAVERSHAM DAVINGTON Edge of Town Residential Zone

Total No of Dwellings: 14

Survey date: WEDNESDAY 09/06/21 Survey Type: MANUAL

4 NF-03-A-03 DETACHED HOUSES NORFOLK

HALING WAY THETFORD

Edge of Town Residential Zone

Total No of Dwellings: 10

Survey date: WEDNESDAY 16/09/15 Survey Type: MANUAL

5 NF-03-A-10 MIXED HOUSES & FLATS NORFOLK

HUNSTANTON ROAD HUNSTANTON

Edge of Town
Residential Zone
Total No of Dwellin

Total No of Dwellings: 17

Survey date: WEDNESDAY 12/09/18 Survey Type: DIRECTIONAL ATC COUNT

6 NY-03-A-11 PRI VATE HOUSING NORTH YORKSHIRE

HORSEFAIR BOROUGHBRIDGE

Edge of Town Residential Zone

Total No of Dwellings: 23

Survey date: WEDNESDAY 18/09/13 Survey Type: MANUAL

7 SF-03-A-05 DETACHED HOUSES SUFFOLK

VALE LANE
BURY ST FOMUNDS

BURY ST EDMUNDS

Edge of Town Residential Zone Total No of Dwell

Total No of Dwellings: 18

Survey date: WEDNESDAY 09/09/15 Survey Type: MANUAL

SH-03-A-06 BUNGALOWS SHROPSHI RE

ELLESMERE ROAD SHREWSBURY

Edge of Town
Residential Zone
Total No of Dwelling

Total No of Dwellings: 16

Survey date: THURSDAY 22/05/14 Survey Type: MANUAL

S.A.J Transport Consultants Suite 22, 2nd Floor, Northumbrian Water House 7-15 Pink Lane, Newcastle upon Tlyinence No: 551501

LIST OF SITES relevant to selection parameters (Cont.)

SEMI-DETACHED & TERRACED VALE OF GLAMORGAN VG-03-A-01

ARTHUR STREET **BARRY** 

Edge of Town

Residential Zone

Total No of Dwellings: 12

Survey date: MONDAY 08/05/17 Survey Type: MANUAL

WK-03-A-02 WARWICKSHIRE 10 **BUNGALOWS** 

NARBERTH WAY COVENTRY POTTERS GREEN Edge of Town

Residential Zone

Total No of Dwellings:

Survey date: THURSDAY 17/10/13 Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

S.A.J Transport Consultants Suite 22, 2nd Floor, Northumbrian Water House 7-15 Pink Lane, Newcastle upon Typence No: 551501

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

TOTAL VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			[	DEPARTURES	,	TOTALS			
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip	
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	Rate	
00:00 - 01:00										
01:00 - 02:00										
02:00 - 03:00										
03:00 - 04:00										
04:00 - 05:00										
05:00 - 06:00										
06:00 - 07:00										
07:00 - 08:00	10	16	0.094	10	16	0.289	10	16	0.383	
08:00 - 09:00	10	16	0.176	10	16	0.352	10	16	0.528	
09:00 - 10:00	10	16	0.094	10	16	0.195	10	16	0.289	
10:00 - 11:00	10	16	0.189	10	16	0.176	10	16	0.365	
11:00 - 12:00	10	16	0.151	10	16	0.145	10	16	0.296	
12:00 - 13:00	10	16	0.176	10	16	0.182	10	16	0.358	
13:00 - 14:00	10	16	0.182	10	16	0.170	10	16	0.352	
14:00 - 15:00	10	16	0.164	10	16	0.189	10	16	0.353	
15:00 - 16:00	10	16	0.289	10	16	0.258	10	16	0.547	
16:00 - 17:00	10	16	0.220	10	16	0.157	10	16	0.377	
17:00 - 18:00	10	16	0.340	10	16	0.176	10	16	0.516	
18:00 - 19:00	10	16	0.283	10	16	0.157	10	16	0.440	
19:00 - 20:00										
20:00 - 21:00										
21:00 - 22:00										
22:00 - 23:00										
23:00 - 24:00										
Total Rates:			2.358			2.446			4.804	

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP\*FACT. Trip rates are then rounded to 3 decimal places.

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

#### Parameter summary

Trip rate parameter range selected: 8 - 24 (units: )
Survey date date range: 01/01/13 - 16/06/21

Number of weekdays (Monday-Friday): 10
Number of Saturdays: 0
Number of Sundays: 0
Surveys automatically removed from selection: 0
Surveys manually removed from selection: 0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

SAJ Transport Consultants Ltd CLIENT NAME

GENERATED BY NOTIS LTD

WEBSITE https://notis.co.uk

JN2362 JTW AM TASKNAME

DATE & TIME 01/03/2022 09:36

**RESULT SUMMARY** 

JN2362 JTW AM

E02005739

E02005739

E02005739

E02005739

E02005739

E02005739

E02005739

METHOD OF TRAVEL Driving a car or van

DATE 2011 From Site To Catchment

DIRECTION OF TRAVEL Residential PROPOSED USE

**ROUTE TIME** AM

STATION NAME STATION DESCRIPTION COUNT TOTAL PERCENTAGE 1509 55.23% **Barrington Road East** 

Northumberland 017

E02004314

E02004316

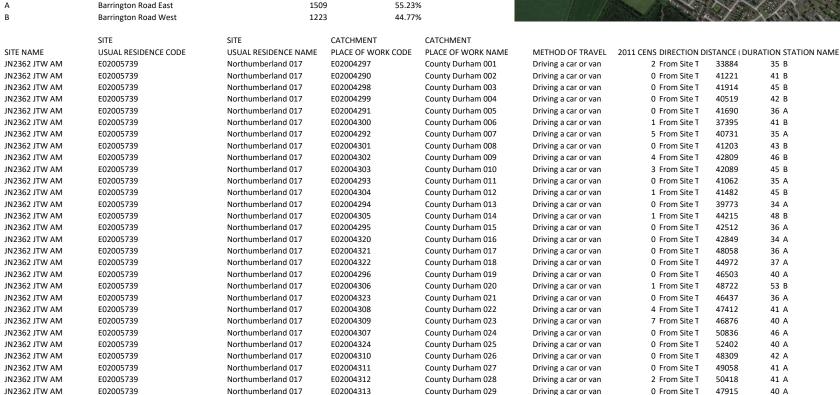
E02004325

E02004315

E02004326

E02004328

E02004327



County Durham 030

County Durham 031

County Durham 032

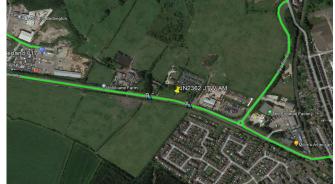
County Durham 033

County Durham 034

County Durham 035

County Durham 036

Driving a car or van



52786

53220

51210

49448

52807

51495

52343

2 From Site T

0 From Site T

0 From Site T

2 From Site T

1 From Site T

0 From Site T

0 From Site T

45 A

48 A

38 A

44 A

40 A

39 A

39 A

JN2362 JTW AM	E02005739	Northumberland 017	E02004329	County Durham 037	Driving a car or van	0 From Site T	52760	40 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004317	County Durham 038	Driving a car or van	0 From Site T	53785	49 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004330	County Durham 039	Driving a car or van	0 From Site T	58903	45 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004331	County Durham 040	Driving a car or van	0 From Site T	57588	42 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004318	County Durham 041	Driving a car or van	1 From Site T	55971	43 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004348	County Durham 042	Driving a car or van	0 From Site T	70690	63 B
JN2362 JTW AM	E02005739	Northumberland 017	E02004332	County Durham 043	Driving a car or van	0 From Site T	56159	42 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004319	County Durham 044	Driving a car or van	0 From Site T	56675	43 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004349	County Durham 045	Driving a car or van	1 From Site T	64809	62 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004350	County Durham 046	Driving a car or van	0 From Site T	63761	61 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004333	County Durham 047	Driving a car or van	0 From Site T	60569	48 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004334	County Durham 048	Driving a car or van	0 From Site T	63528	48 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004335	County Durham 049	Driving a car or van	0 From Site T	61828	50 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004336	County Durham 050	Driving a car or van	0 From Site T	61817	49 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004351	County Durham 051	Driving a car or van	0 From Site T	67324	54 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004337	County Durham 052	Driving a car or van	0 From Site T	62948	51 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004338	County Durham 053	Driving a car or van	0 From Site T	69345	51 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004339	County Durham 054	Driving a car or van	1 From Site T	65430	54 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004352	County Durham 055	Driving a car or van	0 From Site T	69584	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004353	County Durham 056	Driving a car or van	0 From Site T	70933	60 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004354	County Durham 057	Driving a car or van	0 From Site T	72064	59 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004355	County Durham 058	Driving a car or van	1 From Site T	71312	60 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004340	County Durham 059	Driving a car or van	0 From Site T	76463	59 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004341	County Durham 060	Driving a car or van	0 From Site T	71631	54 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004342	County Durham 061	Driving a car or van	0 From Site T	71600	54 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004343	County Durham 062	Driving a car or van	0 From Site T	71737	53 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004344	County Durham 063	Driving a car or van	1 From Site T	74819	55 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004345	County Durham 064	Driving a car or van	0 From Site T	83886	70 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004345	County Durham 065	Driving a car or van	0 From Site T	115492	81 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004347	County Durham 066	Driving a car or van	0 From Site T	92560	80 A
JN2362 JTW AM	E02005739	Northumberland 017	E02004547	Darlington 001	Driving a car or van	0 From Site T	80579	63 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002559	Darlington 002	-	0 From Site T	77995	58 A
JN2362 JTW AM		Northumberland 017			Driving a car or van	0 From Site T	78337	50 A 59 A
JN2362 JTW AM	E02005739 E02005739	Northumberland 017	E02002561 E02002562	Darlington 003 Darlington 004	Driving a car or van	0 From Site T	77923	58 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002563	Darlington 004  Darlington 005	Driving a car or van	0 From Site T	78219	50 A 59 A
					Driving a car or van	0 From Site T	79737	59 A
JN2362 JTW AM JN2362 JTW AM	E02005739	Northumberland 017 Northumberland 017	E02002564	Darlington 006	Driving a car or van		79737	59 A 59 A
	E02005739		E02002565	Darlington 007	Driving a car or van	0 From Site T		
JN2362 JTW AM	E02005739	Northumberland 017	E02002566	Darlington 008	Driving a car or van	2 From Site T	82044	64 A
JN2362 JTW AM JN2362 JTW AM	E02005739 E02005739	Northumberland 017 Northumberland 017	E02002567	Darlington 009 Darlington 010	Driving a car or van	0 From Site T 0 From Site T	80574 80645	64 A 61 A
	E02005739 E02005739		E02002568 E02002569	· ·	Driving a car or van	0 From Site T	80508	60 A
JN2362 JTW AM		Northumberland 017		Darlington 011	Driving a car or van			
JN2362 JTW AM	E02005739	Northumberland 017	E02002570	Darlington 012	Driving a car or van	0 From Site T	80725	66 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002571	Darlington 013	Driving a car or van	0 From Site T	82180	67 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002572	Darlington 014	Driving a car or van	0 From Site T	79979	63 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002573	Darlington 015	Driving a car or van	0 From Site T	91652	66 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001682	Gateshead 001	Driving a car or van	3 From Site T	28476	30 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001683	Gateshead 002	Driving a car or van	1 From Site T	30851	34 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001684	Gateshead 003	Driving a car or van	4 From Site T	27550	31 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001685	Gateshead 004	Driving a car or van	0 From Site T	28217	30 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001686	Gateshead 005	Driving a car or van	11 From Site T	26337	26 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001688	Gateshead 007	Driving a car or van	41 From Site T	31676	32 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001689	Gateshead 008	Driving a car or van	9 From Site T	31233	31 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001690	Gateshead 009	Driving a car or van	14 From Site T	27354	29 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001691	Gateshead 010	Driving a car or van	0 From Site T	26368	29 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001692	Gateshead 011	Driving a car or van	0 From Site T	26930	30 A

JN2362 JTW AM	E02005739	Northumberland 017	E02001693	Gateshead 012	Driving a car or van	0 From Site T	32236	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001694	Gateshead 013	Driving a car or van	3 From Site T	28252	28 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001695	Gateshead 014	Driving a car or van	1 From Site T	30738	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001696	Gateshead 015	Driving a car or van	1 From Site T	31299	29 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001697	Gateshead 016	Driving a car or van	4 From Site T	28107	33 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001698	Gateshead 017	Driving a car or van	2 From Site T	28130	30 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001699	Gateshead 018	Driving a car or van	3 From Site T	33051	31 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001700	Gateshead 019	Driving a car or van	3 From Site T	31276	31 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001701	Gateshead 020	Driving a car or van	0 From Site T	27615	32 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001702	Gateshead 021	Driving a car or van	1 From Site T	33582	33 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001703	Gateshead 022	Driving a car or van	0 From Site T	31653	32 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001704	Gateshead 023	Driving a car or van	0 From Site T	32958	31 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001705	Gateshead 024	Driving a car or van	2 From Site T	37079	41 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001706	Gateshead 025	Driving a car or van	4 From Site T	33559	32 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001707	Gateshead 026	Driving a car or van	4 From Site T	39444	35 A
JN2362 JTW AM	E02005739	Northumberland 017	E02006841	Gateshead 027	Driving a car or van	12 From Site T	25917	29 A
JN2362 JTW AM	E02005739	Northumberland 017	E02006842	Gateshead 028	Driving a car or van	1 From Site T	26356	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002483	Hartlepool 001	Driving a car or van	0 From Site T	64985	48 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002484	Hartlepool 002	Driving a car or van	0 From Site T	65658	49 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002485	Hartlepool 003	Driving a car or van	0 From Site T	66792	52 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002487	Hartlepool 005	Driving a car or van	0 From Site T	66763	52 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002488	Hartlepool 006	Driving a car or van	0 From Site T	66916	51 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002489	Hartlepool 007	Driving a car or van	0 From Site T	66916	52 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002490	Hartlepool 008	Driving a car or van	0 From Site T	72249	55 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002491	Hartlepool 009	Driving a car or van	0 From Site T	67124	52 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002492	Hartlepool 010	Driving a car or van	0 From Site T	69652	51 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002493	Hartlepool 011	Driving a car or van	0 From Site T	77603	56 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002494	Hartlepool 012	Driving a car or van	0 From Site T	70914	53 A
JN2362 JTW AM	E02005739	Northumberland 017	E02006909	Hartlepool 014	Driving a car or van	0 From Site T	68190	50 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002496	Middlesbrough 001	Driving a car or van	1 From Site T	79607	56 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002497	Middlesbrough 002	Driving a car or van	0 From Site T	82402	59 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002498	Middlesbrough 003	Driving a car or van	0 From Site T	77604	56 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002499	Middlesbrough 004	Driving a car or van	0 From Site T	82607	58 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002500	Middlesbrough 005	Driving a car or van	0 From Site T	78184	58 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002501	Middlesbrough 006	Driving a car or van	0 From Site T	82386	58 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002502	Middlesbrough 007	Driving a car or van	0 From Site T	84027	62 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002503	Middlesbrough 008	Driving a car or van	0 From Site T	78373	55 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002504	Middlesbrough 009	Driving a car or van	0 From Site T	80372	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002505	Middlesbrough 010	Driving a car or van	0 From Site T	84006	61 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002506	Middlesbrough 011	Driving a car or van	0 From Site T	83643	62 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002507	Middlesbrough 012	Driving a car or van	3 From Site T	80282	58 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002508	Middlesbrough 013	Driving a car or van	0 From Site T	79533	56 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002509	Middlesbrough 014	Driving a car or van	0 From Site T	85265	61 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002510	Middlesbrough 015	Driving a car or van	0 From Site T	80545	58 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002510	Middlesbrough 017	Driving a car or van	0 From Site T	87915	63 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002513	Middlesbrough 018	Driving a car or van	0 From Site T	84872	59 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002513	Middlesbrough 019	Driving a car or van	0 From Site T	85430	61 A
JN2362 JTW AM	E02005739	Northumberland 017	E02006811	Middlesbrough 020	Driving a car or van	0 From Site T	85772	60 A
JN2362 JTW AM	E02005739	Northumberland 017	E02000811	Newcastle upon Tyne 001	Driving a car or van	18 From Site T	17355	21 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001708 E02001709	Newcastle upon Tyne 001	Driving a car or van	14 From Site T	17333	16 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001709	Newcastle upon Tyne 002	Driving a car or van	13 From Site T	18916	21 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001710	Newcastle upon Tyne 003	Driving a car or van	36 From Site T	23662	21 B 23 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001711 E02001712	Newcastle upon Tyne 005	Driving a car or van	9 From Site T	20701	23 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001712 E02001713	Newcastle upon Tyne 005	Driving a car or van	45 From Site T	18664	23 A 23 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001713	Newcastle upon Tyne 000	Driving a car or van	30 From Site T	19912	23 B 21 A
JIVE JUE JI VV AIVI	102003733	Northamberland 017	L02001/14	Newcastie apon Tytle 007	Driving a car or vali	30 Hom Site I	13312	21 A

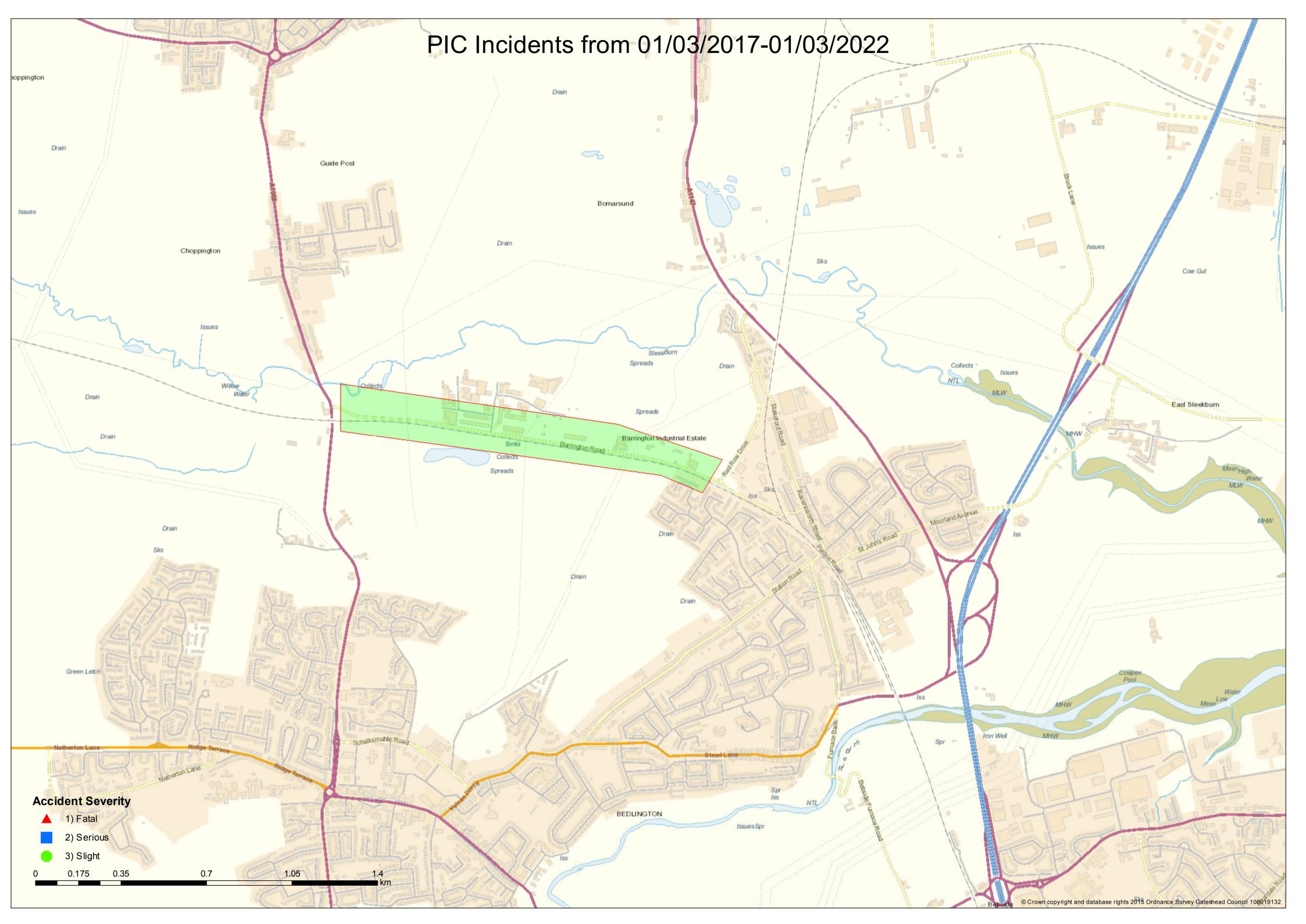
JN2362 JTW AM	E02005739	Northumberland 017	E02001715	Newcastle upon Tyne 008	Driving a car or van	3 From Site T	20802	22 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001718	Newcastle upon Tyne 011	Driving a car or van	0 From Site T	21013	22 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001719	Newcastle upon Tyne 012	Driving a car or van	2 From Site T	19679	21 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001720	Newcastle upon Tyne 013	Driving a car or van	0 From Site T	21647	24 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001721	Newcastle upon Tyne 014	Driving a car or van	8 From Site T	26906	28 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001722	Newcastle upon Tyne 015	Driving a car or van	5 From Site T	22748	25 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001723	Newcastle upon Tyne 016	Driving a car or van	2 From Site T	21767	24 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001724	Newcastle upon Tyne 017	Driving a car or van	8 From Site T	27105	23 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001725	Newcastle upon Tyne 018	Driving a car or van	3 From Site T	27091	25 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001726	Newcastle upon Tyne 019	Driving a car or van	4 From Site T	22309	23 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001727	Newcastle upon Tyne 020	Driving a car or van	3 From Site T	25187	21 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001728	Newcastle upon Tyne 021	Driving a car or van	7 From Site T	25488	26 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001729	Newcastle upon Tyne 022	Driving a car or van	5 From Site T	25768	29 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001730	Newcastle upon Tyne 023	Driving a car or van	23 From Site T	24151	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001731	Newcastle upon Tyne 024	Driving a car or van	69 From Site T	22544	25 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001732	Newcastle upon Tyne 025	Driving a car or van	6 From Site T	25818	26 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001733	Newcastle upon Tyne 026	Driving a car or van	25 From Site T	25949	22 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001734	Newcastle upon Tyne 027	Driving a car or van	4 From Site T	25936	26 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001735	Newcastle upon Tyne 028	Driving a car or van	1 From Site T	26870	26 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001736	Newcastle upon Tyne 029	Driving a car or van	35 From Site T	27865	29 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001737	Newcastle upon Tyne 030	Driving a car or van	9 From Site T	26630	26 A
JN2362 JTW AM	E02005739	Northumberland 017	E02006893	Newcastle upon Tyne 031	Driving a car or van	3 From Site T	21791	23 B
JN2362 JTW AM	E02005739	Northumberland 017	E02001738	North Tyneside 001	Driving a car or van	0 From Site T	18561	21 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001739	North Tyneside 002	Driving a car or van	16 From Site T	13963	13 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001740	North Tyneside 003	Driving a car or van	0 From Site T	19032	23 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001741	North Tyneside 004	Driving a car or van	7 From Site T	15638	14 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001742	North Tyneside 005	Driving a car or van	1 From Site T	18818	23 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001743	North Tyneside 006	Driving a car or van	10 From Site T	23126	24 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001744	North Tyneside 007	Driving a car or van	4 From Site T	16892	19 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001745	North Tyneside 008	Driving a car or van	18 From Site T	16397	15 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001746	North Tyneside 009	Driving a car or van	4 From Site T	20075	25 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001747	North Tyneside 010	Driving a car or van	1 From Site T	25265	22 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001748	North Tyneside 011	Driving a car or van	15 From Site T	18323	16 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001749	North Tyneside 012	Driving a car or van	0 From Site T	15818	14 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001750	North Tyneside 013	Driving a car or van	19 From Site T	20597	19 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001751	North Tyneside 014	Driving a car or van	2 From Site T	18617	20 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001752	North Tyneside 015	Driving a car or van	81 From Site T	21013	18 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001753	North Tyneside 016	Driving a car or van	2 From Site T	24736	24 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001754	North Tyneside 017	Driving a car or van	1 From Site T	23207	21 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001755	North Tyneside 018	Driving a car or van	12 From Site T	17871	16 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001756	North Tyneside 019	Driving a car or van	41 From Site T	17213	17 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001757	North Tyneside 020	Driving a car or van	4 From Site T	20593	19 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001758	North Tyneside 021	Driving a car or van	3 From Site T	21025	18 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001759	North Tyneside 022	Driving a car or van	5 From Site T	23678	21 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001760	North Tyneside 023	Driving a car or van	13 From Site T	21673	17 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001761	North Tyneside 024	Driving a car or van	0 From Site T	22582	19 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001762	North Tyneside 025	Driving a car or van	2 From Site T	20833	20 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001763	North Tyneside 026	Driving a car or van	1 From Site T	20385	16 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001764	North Tyneside 027	Driving a car or van	9 From Site T	23138	19 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001765	North Tyneside 028	Driving a car or van	1 From Site T	23968	20 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001766	North Tyneside 029	Driving a car or van	5 From Site T	22721	20 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001767	North Tyneside 030	Driving a car or van	6 From Site T	23490	21 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005706	Northumberland 001	Driving a car or van	1 From Site T	86807	70 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005707	Northumberland 002	Driving a car or van	1 From Site T	87112	69 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005708	Northumberland 003	Driving a car or van	7 From Site T	60152	54 B

JN2362 JTW AM	E02005739	Northumberland 017	E02005702	Northumberland 004	Driving a car or van	13 From Site T	47663	42 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005703	Northumberland 005	Driving a car or van	11 From Site T	38347	34 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005704	Northumberland 006	Driving a car or van	14 From Site T	26719	24 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005705	Northumberland 007	Driving a car or van	3 From Site T	35470	39 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005720	Northumberland 008	Driving a car or van	41 From Site T	22662	21 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005734	Northumberland 009	Driving a car or van	50 From Site T	10173	10 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005735	Northumberland 010	Driving a car or van	157 From Site T	6372	11 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005721	Northumberland 011	Driving a car or van	59 From Site T	11106	16 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005737	Northumberland 012	Driving a car or van	64 From Site T	6950	11 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005736	Northumberland 013	Driving a car or van	135 From Site T	9121	9 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005738	Northumberland 014	Driving a car or van	88 From Site T	4318	7 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005722	Northumberland 015	Driving a car or van	116 From Site T	12610	17 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005723	Northumberland 016	Driving a car or van	151 From Site T	9431	12 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005739	Northumberland 017	Driving a car or van	172 From Site T	1139	2 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005724	Northumberland 018	Driving a car or van	71 From Site T	10589	14 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005727	Northumberland 019	Driving a car or van	4 From Site T	50312	47 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005740	Northumberland 020	Driving a car or van	102 From Site T	1877	5 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005741	Northumberland 021	Driving a car or van	84 From Site T	3259	6 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005709	Northumberland 022	Driving a car or van	58 From Site T	5876	8 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005710	Northumberland 023	Driving a car or van	83 From Site T	7559	11 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005711	Northumberland 024	Driving a car or van	5 From Site T	8524	14 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005712	Northumberland 025	Driving a car or van	31 From Site T	4730	7 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005713	Northumberland 026	Driving a car or van	0 From Site T	11378	12 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005714	Northumberland 027	Driving a car or van	1 From Site T	8730	9 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005716	Northumberland 028	Driving a car or van	12 From Site T	9510	11 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005715	Northumberland 029	Driving a car or van	148 From Site T	8428	11 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005717	Northumberland 030	Driving a car or van	2 From Site T	14937	17 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005718	Northumberland 031	Driving a car or van	24 From Site T	11602	10 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005719	Northumberland 032	Driving a car or van	18 From Site T	12304	13 A
JN2362 JTW AM	E02005739	Northumberland 017	E02005725	Northumberland 033	Driving a car or van	47 From Site T	20333	22 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005726	Northumberland 034	Driving a car or van	0 From Site T	36570	34 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005730	Northumberland 035	Driving a car or van	8 From Site T	51547	44 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005729	Northumberland 036	Driving a car or van	5 From Site T	39122	34 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005728	Northumberland 037	Driving a car or van	3 From Site T	75365	59 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005731	Northumberland 038	Driving a car or van	9 From Site T	35940	37 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005732	Northumberland 039	Driving a car or van	7 From Site T	49434	40 B
JN2362 JTW AM	E02005739	Northumberland 017	E02005733	Northumberland 040	Driving a car or van	3 From Site T	56353	48 B
JN2362 JTW AM	E02005739	Northumberland 017	E02002515	Redcar and Cleveland 001	Driving a car or van	0 From Site T	93550	70 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002516	Redcar and Cleveland 002	Driving a car or van	0 From Site T	92256	68 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002517	Redcar and Cleveland 003	Driving a car or van	0 From Site T	89276	66 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002518	Redcar and Cleveland 004	Driving a car or van	0 From Site T	98695	68 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002519	Redcar and Cleveland 005	Driving a car or van	0 From Site T	97136	67 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002520	Redcar and Cleveland 006	Driving a car or van	0 From Site T	99661	69 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002521	Redcar and Cleveland 007	Driving a car or van	0 From Site T	103192	73 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002523	Redcar and Cleveland 009	Driving a car or van	0 From Site T	85551	61 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002524	Redcar and Cleveland 010	Driving a car or van	0 From Site T	107598	78 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002525	Redcar and Cleveland 011	Driving a car or van	0 From Site T	92983	63 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002526	Redcar and Cleveland 012	Driving a car or van	0 From Site T	105928	77 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002527	Redcar and Cleveland 013	Driving a car or van	0 From Site T	111676	82 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002529	Redcar and Cleveland 015	Driving a car or van	0 From Site T	88330	67 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002530	Redcar and Cleveland 016	Driving a car or van	0 From Site T	117513	90 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002532	Redcar and Cleveland 018	Driving a car or van	0 From Site T	96785	73 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002533	Redcar and Cleveland 019	Driving a car or van	0 From Site T	94938	70 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002534	Redcar and Cleveland 020	Driving a car or van	0 From Site T	96694	74 A
JN2362 JTW AM	E02005739	Northumberland 017	E02006812	Redcar and Cleveland 021	Driving a car or van	0 From Site T	88981	64 A

JN2362 JTW AM	E02005739	Northumberland 017	E02006910		Driving a car or van	0 From Site T	84817	60 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001768		Driving a car or van	1 From Site T	28507	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001769	•	Driving a car or van	4 From Site T	28210	26 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001770	•	Driving a car or van	0 From Site T	28030	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001771	•	Driving a car or van	0 From Site T	29902	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001772	•	Driving a car or van	2 From Site T	27016	24 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001773	South Tyneside 006	Driving a car or van	1 From Site T	28943	28 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001774	South Tyneside 007	Driving a car or van	4 From Site T	24470	20 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001775	South Tyneside 008	Driving a car or van	0 From Site T	28699	28 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001776	South Tyneside 009	Driving a car or van	1 From Site T	26057	23 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001777	South Tyneside 010	Driving a car or van	1 From Site T	27728	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001778	South Tyneside 011	Driving a car or van	2 From Site T	27505	25 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001779	South Tyneside 012	Driving a car or van	7 From Site T	25578	22 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001780	South Tyneside 013	Driving a car or van	0 From Site T	28666	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001781	South Tyneside 014	Driving a car or van	0 From Site T	25860	22 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001782	South Tyneside 015	Driving a car or van	2 From Site T	28088	24 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001783	South Tyneside 016	Driving a car or van	0 From Site T	27108	24 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001784	South Tyneside 017	Driving a car or van	0 From Site T	24943	21 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001785	South Tyneside 018	Driving a car or van	0 From Site T	33803	35 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001786	•	Driving a car or van	0 From Site T	28731	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001787	•	Driving a car or van	0 From Site T	26890	23 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001788		Driving a car or van	2 From Site T	27341	23 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001789	•	Driving a car or van	0 From Site T	30213	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001790	•	Driving a car or van	0 From Site T	27539	23 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002535	•	Driving a car or van	0 From Site T	68885	49 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002536	Stockton-on-Tees 002	Driving a car or van	0 From Site T	71046	52 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002537		Driving a car or van	0 From Site T	71648	53 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002538		Driving a car or van	0 From Site T	74332	53 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002539		Driving a car or van	3 From Site T	68898	49 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002540		Driving a car or van	0 From Site T	73199	52 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002541		Driving a car or van	0 From Site T	73238	52 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002542		Driving a car or van	0 From Site T	75563	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002543		Driving a car or van	0 From Site T	76062	56 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002544	Stockton-on-Tees 010	Driving a car or van	0 From Site T	75611	53 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002545		Driving a car or van	0 From Site T	76889	58 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002546		Driving a car or van	0 From Site T	75953	56 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002547		Driving a car or van	0 From Site T	76139	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002548		Driving a car or van	2 From Site T	81403	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002549		Driving a car or van	0 From Site T	78977	60 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002550		Driving a car or van	0 From Site T	78043	59 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002551		Driving a car or van	1 From Site T	78361	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002552		Driving a car or van	0 From Site T	80351	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002553		Driving a car or van	0 From Site T	80520	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002554		Driving a car or van	0 From Site T	80155	57 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002555		Driving a car or van	0 From Site T	86652	60 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002556		Driving a car or van	0 From Site T	83479	60 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002557		Driving a car or van	0 From Site T	83956	61 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002558		Driving a car or van	0 From Site T	85836	62 A
JN2362 JTW AM	E02005739	Northumberland 017	E02002338		Driving a car or van	0 From Site T	34137	32 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001791		Driving a car or van	0 From Site T	35173	32 A 34 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001792		Driving a car or van	0 From Site T	30464	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001793		Driving a car or van	0 From Site T	32581	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001794 E02001795		Driving a car or van	2 From Site T	34551	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001796		Driving a car or van	1 From Site T	37887	34 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001790		Driving a car or van	10 From Site T	31856	28 A
JITZJUZ JI VV AIVI	102003733	Noi diamberiana 017	202001737	Sunderland 007	Driving a car or vall	10 110111 3116 1	31030	20 A

JN2362 JTW AM	E02005739	Northumberland 017	E02001798	Sunderland 008	Driving a car or van	1 From Site T	32968	28 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001799	Sunderland 009	Driving a car or van	2 From Site T	33231	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001800	Sunderland 010	Driving a car or van	3 From Site T	33168	28 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001801	Sunderland 011	Driving a car or van	0 From Site T	37651	33 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001802	Sunderland 012	Driving a car or van	1 From Site T	36169	33 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001803	Sunderland 013	Driving a car or van	3 From Site T	38404	37 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001804	Sunderland 014	Driving a car or van	2 From Site T	35265	29 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001805	Sunderland 015	Driving a car or van	1 From Site T	36915	32 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001806	Sunderland 016	Driving a car or van	0 From Site T	38698	36 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001807	Sunderland 017	Driving a car or van	6 From Site T	35403	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001808	Sunderland 018	Driving a car or van	0 From Site T	37485	33 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001809	Sunderland 019	Driving a car or van	2 From Site T	35023	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001810	Sunderland 020	Driving a car or van	2 From Site T	35313	31 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001811	Sunderland 021	Driving a car or van	1 From Site T	33961	27 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001812	Sunderland 022	Driving a car or van	0 From Site T	39157	39 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001813	Sunderland 023	Driving a car or van	0 From Site T	35595	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001814	Sunderland 024	Driving a car or van	0 From Site T	39875	37 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001815	Sunderland 025	Driving a car or van	0 From Site T	36758	32 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001816	Sunderland 026	Driving a car or van	0 From Site T	38288	34 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001817	Sunderland 027	Driving a car or van	0 From Site T	39961	34 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001818	Sunderland 028	Driving a car or van	1 From Site T	44657	36 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001819	Sunderland 029	Driving a car or van	6 From Site T	37366	30 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001820	Sunderland 030	Driving a car or van	0 From Site T	37667	32 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001821	Sunderland 031	Driving a car or van	0 From Site T	40136	33 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001822	Sunderland 032	Driving a car or van	0 From Site T	37876	32 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001823	Sunderland 033	Driving a car or van	1 From Site T	40997	35 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001824	Sunderland 034	Driving a car or van	0 From Site T	40189	33 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001825	Sunderland 035	Driving a car or van	2 From Site T	42963	36 A
JN2362 JTW AM	E02005739	Northumberland 017	E02001826	Sunderland 036	Driving a car or van	0 From Site T	45338	38 A

# **Appendix F**



Suite 22, 2nd Floor, Northumbrian Water House, 7-15 Pink Lane, Newcastle Upon Tyne, NE1 5DW

0191 261 8679 | info@saj-consultants.com

www.saj-consultants.com

