



Linlithgow Local Area Committee

West Lothian Civic Centre
Howden South Road
LIVINGSTON
EH54 6FF

27 October 2022

A meeting of the **Linlithgow Local Area Committee** of West Lothian Council will be held within the **Conference Meeting Room, Linlithgow Academy, Braehead Road, Linlithgow, EH49 6EH** on **Tuesday 1 November 2022 at 9:30am**.

For Chief Executive

BUSINESS

1. Apologies for Absence.
2. Declarations of Interest - Members must declare any interests they have in the items of business for consideration at the meeting, identifying the relevant agenda items and the nature of their interests.
3. Order of Business, including notice of urgent business, declarations of interest in any urgent business and consideration of reports for information.

The Chair will invite members to identify any such reports they wish to have fully considered, which failing they will be taken as read and their recommendations approved.

Public Session

4. Confirm Draft Minute of Meeting of the Committee held on 23 August 2022 (herewith).
5. Police Ward Report - report by Police Scotland (herewith).
6. Fire and Rescue Service Ward Report - report by Scottish Fire and Rescue Service (herewith).
7. Services Update - NETS, Land and Countryside - report by Head of Operational Services (herewith).

8. Housing, Customer and Building Services - report by Interim Head of Housing, Customer and Building Services (herewith).
9. Anti-Poverty Service Update - report by Head of Finance and Property Services (herewith).
10. Pensioners Groups Christmas Fund Allocations 2022-23 - report by Depute Chief Executive Education, Planning and Economic Development (herewith).
11. Report on Progress of Local Planning - Report by Depute Chief Executive, Education, Planning and Economic Development (herewith).
12. Workplan (herewith).

NOTE **For further information please contact Lorraine McGrorty on 01506 281609 or email lorraine.mcgrorty@westlothian.gov.uk**



Linlithgow Local Area Committee

West Lothian Civic Centre
Howden South Road
LIVINGSTON
EH54 6FF

31 October 2022

The following additional item(s) of business will be dealt with at the hybrid meeting of the **Linlithgow Local Area Committee** to be held within **Conference Meeting Room, Linlithgow Academy, Braehead Road, Linlithgow, EH49 6EH** on **1 November 2022** at **9:30am**.

for Chief Executive

BUSINESS

13. Newton Village - Temporary Traffic Management Trial - report by Head of Operational Services (herewith).

NOTE **For further information please contact Lorraine McGrorty on 01506 281609 or email lorraine.mcgrorty@westlothian.gov.uk**



CODE OF CONDUCT AND DECLARATIONS OF INTEREST (2021)

This form is a reminder and an aid. It is not a substitute for understanding the Code of Conduct and guidance.

Interests must be declared at the meeting, in public.

Look at every item of business and consider if there is a connection.

If you see a connection, decide if it amounts to an interest by applying the objective test.

The objective test is whether or not a member of the public with knowledge of the relevant facts would reasonably regard your connection to a particular matter as being so significant that it would be considered as being likely to influence your discussion or decision-making.

If the connection does not amount to an interest then you have nothing to declare and no reason to withdraw.

If the connection amounts to an interest, declare it as soon as possible and leave the meeting when the agenda item comes up.

When you declare an interest, identify the agenda item and give enough information so that the public understands what it is and why you are declaring it.

Even if the connection does not amount to an interest you can make a statement about it for the purposes of transparency.

More detailed information is on the next page.

Look at each item on the agenda, consider if there is a “connection”, take advice if necessary from appropriate officers in plenty of time. A connection is any link between the item of business and:-

- you
- a person you are associated with (e.g., employer, business partner, domestic partner, family member)
- a body or organisation you are associated with (e.g., outside body, community group, charity)

Anything in your Register of Interests is a connection unless one of the following exceptions applies.

A connection does not exist where:-

- you are a council tax payer, a rate payer, or a council house tenant, including at budget-setting meetings
- services delivered to the public are being considered, including at budget-setting meetings
- councillors’ remuneration, expenses, support services or pensions are being considered
- you are on an outside body through a council appointment or nomination unless it is for regulatory business or you have a personal conflict due to your connections, actions or legal obligations
- you hold a view in advance on a policy issue, have discussed that view, have expressed that view in public, or have asked for support for it

If you see a connection then you have to decide if it is an “interest” by applying the objective test. The objective test is whether or not a member of the public with knowledge of the relevant facts would reasonably regard your connection to a particular matter as being so significant that it would be considered as being likely to influence your discussion or decision-making.

If the connection amounts to an interest then:-

- declare the interest in enough detail that members of the public will understand what it is
- leave the meeting room (physical or online) when that item is being considered
- do not contact colleagues participating in the item of business

Even if decide your connection is not an interest you can voluntarily make a statement about it for the record and for the purposes of transparency.

The relevant documents are:-

- [Councillors’ Code of Conduct, part 5](#)
- [Standards Commission Guidance, paragraphs 129-166](#)
- [Advice note for councillors on how to declare interests](#)

If you require assistance, contact:-

- James Millar, Interim Monitoring Officer and Governance Manager, 01506 281613, james.millar@westlothian.gov.uk
- Carol Johnston, Chief Solicitor and Depute Monitoring Officer, 01506 281626, carol.johnston@westlothian.gov.uk
- Committee Services Team, 01506 281604, 01506 281621
committee.services@westlothian.gov.uk

January 2022

MINUTE of MEETING of the LINLITHGOW LOCAL AREA COMMITTEE held within CONFERENCE MEETING ROOM, LINLITHGOW ACADEMY, BRAEHEAD ROAD, LINLITHGOW, EH49 6EH, on 23 AUGUST 2022.

Present – Councillors Sally Pattle (Chair), Tom Conn and Pauline Orr

Apologies – Roy Bradley, Scottish Fire & Rescue Service

In Attendance

Graeme Struthers, Lead Officer, West Lothian Council

Dougie Grierson, Community Regeneration Team Leader, West Lothian Council

Sergeant Mike Harte, Police Scotland

Andy Johnston, Service Manager, West Lothian Council

Phyllis McFadyen, Housing Manager, West Lothian Council

Scott Hughes, Strategic Property Asset Manager, West Lothian Council

1. DECLARATIONS OF INTEREST

Agenda Item 9 – West Lothian Cycle Circuit -

Councillor Conn declared a connection with Linlithgow CDT. Given the report was for noting and no decision required to be made, he would remain in the meeting during discussion of the report.

2. MINUTE

The Committee approved the Minute of its meeting held on 7 June 2022. The Minute was thereafter signed by the Chair.

3. POLICE WARD REPORT

The committee considered a report (copies of which had been circulated) by Police Scotland providing an update on performance, activities and issues across the ward for the period up to 3 July 2022.

It was recommended that the committee note the content of the report.

Sergeant Harte undertook to feed back the committee's request for more localised crime figures to be incorporated into future reports as was previously reported to all Local Area Committees.

Decision

To note the terms of the report.

4. FIRE SERVICE WARD REPORT

The committee considered a report (copies of which had been circulated) by Scottish Fire and Rescue Service providing an update on the activity

within Linlithgow Multi-Member Ward for the period up to 30 June 2022.

It was recommended that the committee note and provide comment on the Linlithgow Multi-Member Ward Performance Report.

Decision

To note the terms of the report.

5. SERVICE UPDATE - NETS, LAND AND COUNTRYSIDE

The committee considered a report (copies of which had been circulated) by the Head of Operational Services advising members of the recent activity of the NET's, Land & Countryside Services teams for the period 1 April to 30 June 2022.

It was recommended that the committee:

1. Note the work carried out by the service within the local area; and
2. Advise of any areas that require further information or investigation.

Decision

To note the terms of the report.

6. HOUSING, CUSTOMER AND BUILDING SERVICES

The committee considered a report (copies of which had been circulated) by the Head of Housing, Customer and Building Services providing an overview of the service activities within the Linlithgow ward.

It was recommended that the committee note Housing, Customer and Building Service activity as detailed in the ward report for the period Quarter 1 – 1 April to 30 June 2022.

Decision

To note the terms of the report.

7. WEST LOTHIAN CYCLE CIRCUIT

The committee considered a joint report (copies of which had been circulated) by the Depute Chief Executive (Education and Planning Services) and the Head of Finance and Property Services advising of the anticipated timescales for the construction of the West Lothian Cycle Circuit at Kettilstoun Mains, Linlithgow, approved by Council Executive on 16 August 2022 and information of the lease the facility thereafter to Linlithgow Community Development Trust who would be responsible for its operation

It was recommended that the committee notes that the Council Executive's decision to agree to support the project to construct a closed-loop cycling circuit at Kettilstoun Mains, Linlithgow and the anticipated timescale for completion of the works.

Decision

To note the terms of the report.

8. GENERAL SERVICES CAPITAL PROGRAMME UPDATE

The committee considered a report (copies of which had been circulated) by the Head of Finance and Property Services providing an update on general services capital investment in the ward during 2021/22 and planned investment for the six year period 2022/23 to 2027/28, subject to the review of future expenditure requirements as part of the process for preparing the next ten year capital programme for 2023/24 to 2032/33.

It was recommended that the committee notes:

1. The progress made in delivering the approved general services capital programme within the Linlithgow ward in 2021/22;
2. The approved capital projects planned for the ward in 2022/23 to 2027/28, subject to the review of expenditure requirements as agreed by West Lothian Council on 15 February 2022;
3. That detailed allocations of block budgets for the period 2023/24 to 2027/28 to specific programmes attributable to individual wards would be undertaken as part of the development of the new ten year programme;
4. Progress in delivery of the 2022/23 programme would be reported to Council Executive following detailed budget monitoring exercises during the course of the year; and
5. An updated capital investment programme would be presented to Council for approval in early 2023.

Decision

To note the terms of the report.

9. REPORT ON PROGRESS OF LOCAL REGENERATION PLANNING

The committee considered a report (copies of which had been circulated) by the Head of Planning, Economic Development and Regeneration informing members of progress on partner activities, regeneration planning and other activities in Bridgend and the ward.

It was recommended that the committee note the report.

Decision

To note the terms of the report.

10. PLACE BASED INVESTMENT PROGRAMME 2022 TOWN CENTRE CAPITAL FUND

The committee considered a report (copies of which had been circulated) by the Depute Chief Executive, Education, Planning and Economic Development to invite the committee to consider the allocation of an additional £5,214.86 available to support the Place Based Investment Fund Town Centre Fund projects and to agree the allocation as set out in the report.

It was recommended that the committee:

1. Notes that the Council Executive on 21 June 2022 agreed an additional £5,214.86 to support projects in the ward;
2. Notes the three-step process to be used to decide the allocation;;
3. Agrees to award funding as set out in the report;
4. Notes that some of the funding costs remained as estimates and delegates the Head of Planning, Economic Development Regeneration to finalise award amounts within the overall value of the funding available within the ward;
5. Notes that as projects were implemented the detail and associated costs might change and so delegates the Head of Planning, Economic Development Regeneration to agree such changes and to re-allocate any money that became available as a result to other projects in the ward, both so long as projects remained within the aims, purposes and overall intent of the original applications and approvals; and
6. Note the terms and conditions associated to the awarding of grants as set out in the report.

Decision

To approve the terms of the report.

11. COVID-19 LOCAL RECOVERY AND RENEWAL FUND

The committee considered a report (copies of which had been circulated) by the Lead Officer providing the committee with an update on the projects allocated funding from the £150,000 COVID-19 Recovery and Renewal Fund approved by the committee on 13 December 2021 together with an update on projects from the original list that were to be

funded from resources available under the Town Centre Management Fund.

It was recommended that the committee notes the update on the approved projects.

Decision

To note the terms of the report.

12. WORKPLAN

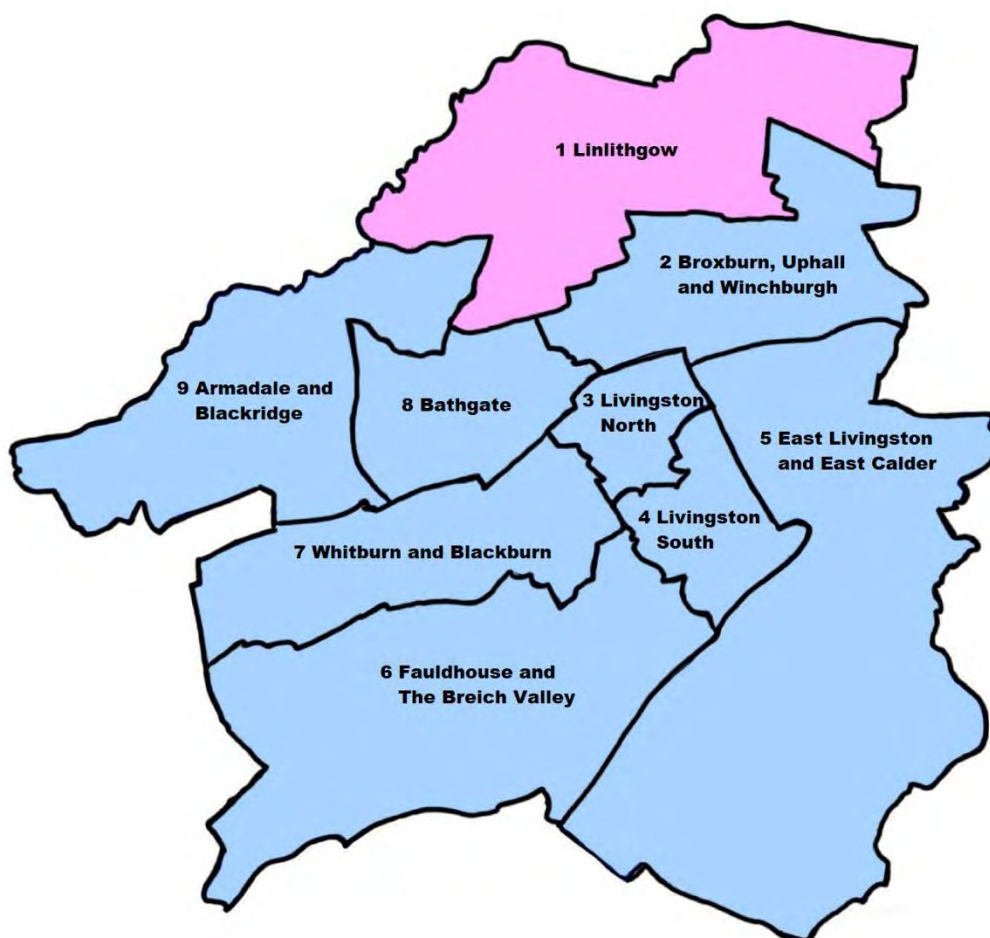
A workplan had been circulated for information.

Decision

To note the workplan.

West Lothian Area Command

Lothian and Scottish Borders



Ward 1 Linlithgow Multi Member Ward Report

Quarter 2 – 2022/2023

A. PURPOSE OF REPORT

The purpose of this report is to provide the Local Area Committee with an update on performance, activities and issues across the Ward for the period up to 1st October 2022.

B. RECOMMENDATION

It is recommended that the Local Area Committee notes the content of the report.

C. SUMMARY OF IMPLICATIONS

I	Council Values	Focusing on our customers' needs; being honest, open and accountable; making best use of our resources; and working in partnership
II	Policy and Legal (including Strategic Environmental Assessment, Equality Issues, Health or Risk Assessment)	None.
III	Implications for Scheme of Delegations to Officers	None.
IV	Impact on performance and performance Indicators	Performance relative to the same period in 2021; set out in the report.
V	Relevance to Single Outcome Agreement	We live our lives free from crime, disorder and danger; we take pride in a strong, fair and inclusive society
VI	Resources - (Financial, Staffing and Property)	None.
VII	Consideration at PDSP	None.
VIII	Other consultations	None.

D. TERMS OF REPORT

Introduction:

This document is intended to provide a summary of the performance of West Lothian Area Command for the reporting period of Quarter 2 2022/2023. The report references the police priorities within the Local Police Plan for West Lothian 2020-2023, namely:

- Protecting The Most Vulnerable People
- Reducing Violence and Anti-Social Behaviour
- Reducing Acquisitive Crime
- Improving Road Safety
- Tackling Serious and Organised Crime

The data provided in this report is for information purposes to allow Partnership Members to conduct their scrutiny responsibilities.

Linlithgow Community Engagement Priorities:

- Violence, Disorder and Anti-Social Behaviour
- Substance Misuse
- Acquisitive Crime
- Road Safety

Linlithgow Community Officers

PC Christopher Ashley

Executive Summary:

Officers in West Lothian have been focused to delivering, with our key partners, our Local Policing Priorities, and meeting our commitment to Keep People Safe.

- **Protecting the most vulnerable people**

Domestic abuse crimes is an area of focus in terms of providing confidence to report, undertaking professional investigations, providing victim support, pursuing perpetrators and managing offenders.

The Disclosure Scheme for Domestic Abuse Scotland (DSDAS) has two main approaches. The “Right to Ask” is open to anyone who has concerns about a new partner’s abusive past or has concerns about another person’s new partner. The “Power to Tell” is when we receive information or intelligence about the safety of a person who may be at risk, this information is thereafter disclosed to the person concerned so they are able to make informed decisions about their personal safety. During Q2, there was 58 applications in the last Quarter (121 YTD), this is 17 more than the previous quarter and highlights the ongoing commitment to keeping people safe.

We had recorded 34 crimes under the Domestic Abuse Scotland Act 2018 by the end of Q2 – domestic offences relating to controlling and coercive behaviours. This shows better recording of this crime type and understanding amongst officers. Detection rate is at 76.5% which is expected to increase as many enquiries take time to collate all the necessary evidence.

During Q2, there were five individual missing person incidents pertaining to adults living with Dementia, the individuals concerned were traced safe and well. Since the implementation of the protocol in 2020, West Lothian has dealt with 22 individuals who met the criteria. In September, we supported World Alzheimer's day, whilst using the opportunity to extensively promote this protocol in Social Media.

The ACAST mental health triage system is still widely utilised by officers when appropriate. By the end of Q2, this service was utilised 54 times providing support and advice to individuals suffering from a mental health crisis.

At the start of the educational year, local Community officers attended the Fresher's Fayre held at West Lothian College where Hate Crime awareness and crime prevention advice was shared to those in attendance. Advice regarding student online safety was also distributed to all students at West Lothian College as well as those attending Oatridge agricultural college.

We know that Hate Crimes continue to be massively underreported, and we continue to work with external agencies to support reporting mechanisms, including remote, online and 3rd party reporting.

The local CBO has also been involved in various visits and meetings providing safety advice to more vulnerable members of the local community in particular to local primaries with inputs to the young pupils.

- **Reducing Violence and Anti-Social behaviour**

We continue to tackle Anti-Social Behaviour in its various forms with our partners.

During Q2, West Lothian Police worked alongside Lothian and Country buses and ran a 'decoy bus' initiative throughout the county. The initiative was instigated following a number of incidents of buses being vandalised in various towns throughout the county. During the initiative there were no incidents of vandalism to the decoy bus or any service buses, however during the initiative a number of youths were identified as being in possession of alcohol which was subsequently seized. Similar operations are being planned for Q3.

The anti-social behaviour use of off road vehicles continues to be a concern in a number of communities in the county. Local community officers have been carrying out letter drops in communities where regular reports occur in an attempt to establish the identity of those involved. Such information was provided to officers after an incident in Livingston which resulted in a 17 year old male being identified and charged with numerous offences.

During 2022, Police Scotland promoted the National Firearms Surrender Campaign which allowed members of the public to hand in unwanted or illegal firearms and ammunition anonymously, if required, without prosecution. To date, 23 firearms were surrendered to West Lothian Police Stations, this included Lethal, Imitation and Airsoft Weapons. Various types of ammunition were also surrendered, including cartridges, ball bearings and powders. Although firearm offences remain low, the removal of unwanted weapons from criminal availability will help to reduce the risk of harm to the public and our communities.

The 'It'll Cost You' proxy purchasing campaign continued in Q2 with the assistance of the Police Scotland Youth Volunteers (PSYV). The aim of this campaign was to raise awareness with off licence premises. To date, there has been no FPN tickets issued although premises staff are fully cited on the consequences should their business fail any future proxy purchase.

The local CBO has been involved with youth work in Linlithgow and Bridgend over the last quarter, including with the Linlithgow Young Peoples Project attending events and engaging with young people both there and when on patrol within the local community.

- **Reducing Acquisitive Crime**

Dealing with Acquisitive Crime to protect people by reducing the impacts of theft on individuals and communities remains a priority.

During Q2, our Preventions and interventions Officer along with Community Officers held several Community Surgeries in Broxburn, Linlithgow, Bathgate and Armadale. During these surgeries, officers were on hand to provide home security advice with focus on practical and often inexpensive ways for communities to protect their homes. Vehicle security advice was also provided as well as through our social media accounts. Due to the positive feedback from communities and elected members, further surgeries are being considered.

Furthermore, with the darker nights closing in, the Rural Watch Scotland alert scheme is being utilised to encourage those living in our rural communities to report any suspicious activity witnessed in their area. As always, all suspicious activity can be reported via 101, the 'contact us' form on the Police Scotland internet page or anonymously through Crimestoppers on 0800 555 111.

During Q2, pro-active patrols (with both marked and unmarked vehicles used) continued at identified vulnerable premises, and pro-active team officers will continue to target recidivist offenders. When possible, our Community officers have also been carrying out high visibility patrols in both urban and rural areas within their community, working with partners and 3rd sector organisations to assist in the prevention of crime.

The local CBO is a Crime Prevention trained officer and recently undertook a Crime Prevention Survey at Linlithgow allotments to help improve the security of the site.

- **Improving Road Safety**

Road safety is a priority for the police and local authority. Officers in West Lothian work in partnership with the council to address road safety issues and educate the public to prevent incidents from occurring.

Sadly Q2 saw four fatalities in West Lothian. Extensive enquiries are also still ongoing into previous fatalities from 2021/22 which is unfortunately reducing abilities to engage with the usual speeding initiatives.

We will continue to support the Roads Policing campaign calendar during 2022/23. During Q2, we supported the Summer Drink Drug Drive, Commercial Vehicle Week and Vulnerable Road Users Week.

With school returning during Q2, local community officers visited a number of schools during drop off/collection times to assess inconsiderate parking. No offences were detected during visits however it is acknowledged that the volume of traffic around schools during peak times is high. Schools are encouraged to partake in the 'Parksmart' scheme which includes pupils from the schools providing educational advice in relation to inconsiderate parking/driving outside schools to parents and carers.

The local CBO has responded to several parking complaints throughout Linlithgow and as a result has given advice to motorists as well as issuing 4 penalty noticed when enforcement has been identified as the most appropriate form of action. Similarly the local community team have contacted relevant partner agencies when it has been identified that changes to the environment such as signage or markings offer a solution.

- **Tackling Serious and Organised Crime**

Drugs supply has a close link to Organised Crime Groups (OCG), and is a blight on any community. We focus to those who bring harm to our communities, and particularly those

who are involved in drugs supply, cultivation/production and the sale and distribution in particular, but not exclusively, of Class A drugs.

West Lothian Pro-active Crime Team continue to develop and carry out enforcement on members of organised crime groups based in West Lothian (Operation Wingman) that are involved in the supply of controlled drugs. By the end of Q2, Op Wingman removed over £643,769 worth of drugs from West Lothian streets, along with nearly £130,000 in cash along with numerous items linked to proceeds of crime.

Our divisional approach is now well established which introduces multi-agency engagement and recording of all Non-Fatal Overdoses. We send notification of any NFO to the local addiction services who ensure the individual is offered support. This programme is seeing an increased engagement with local drug support groups and is allowing for intelligence streams around developing drug trends and potentially harmful products. By the end of Q2 we had referred 55 people for direct intervention via our Non-Fatal Drugs Overdose processes.

During Q2, Police Scotland Counter Terrorism Liaison officer delivered further Counter Terrorism and Prevent Awareness Training to new recruits at HMP Addiewell. ACT e-learning package has also been prepared and rolled out to staff based at Howden Park Centre with plans to complete face-to-face training once online training has been completed.

Two sessions of Postal Threats Training was delivered at ESC for Livingston COPFS staff during Q2. This training was completed by the Police Scotland Counter Terrorism Liaison Officer. Further sessions are currently in the planning.

Community officers have assisted in both local and national operations within their community utilising their knowledge of local trends to feed information and intelligence in order to target organised crime groups.

Please note: Police Scotland have recently migrated to a new data source as its single source of truth for our reporting requirements. During the transition it was identified that significant improvements could be made to the completeness and accuracy of our geo-spatial data. Over the last eight to nine months we have been developing, deploying and quality assuring a number of processes that would improve these data. We are now in the final stages of the transition process and working on the outputs required at MMW and datazone levels. We hope to launch revised products in the next couple of months. Subsequently, MMW figures will be unavailable until validity checks have been completed.

Data Label: Public



LINLITHGOW LOCAL AREA COMMITTEE

LINLITHGOW MULTI-MEMBER WARD PERFORMANCE REPORT

REPORT BY SCOTTISH FIRE AND RESCUE SERVICE

A. PURPOSE OF REPORT

To update the Linlithgow Local Area Committee on the activity within the Linlithgow Multi-Member Ward for the period up to 30th September 2022.

B. RECOMMENDATION

Committee members are invited to note and provide comment on the Linlithgow Multi-Member Ward Performance Report.

C. SUMMARY OF IMPLICATIONS

I Council Values	<ul style="list-style-type: none"> • Being honest, open and accountable • Focusing on our customers' needs • Making best use of our resources • Working in partnership
II Policy and Legal (including Strategic Environmental Assessment, Equality Issues, Health or Risk Assessment)	Quarterly reports on the Multi-member Ward Operational Plans are being produced to ensure delivery of the Local Fire and Rescue Plan, which is a statutory requirement of the Police and Fire Reform (Scotland) Act 2012.
III Implications for Scheme of Delegations to Officers	None.
IV Impact on performance and performance Indicators	WL CPP SOA Performance indicators.
V Relevance to Single Outcome Agreement	SOA1304_13 Number of deliberate fires per 100,000 population SOA1304_14 Number of accidental dwelling fires per 100,000 population.
VI Resources - (Financial, Staffing and Property)	The council contributes to directly and in partnership to the delivery of the Ward Plan
VII Consideration at PDSP	None
VIII Consultations	West Lothian Citizen's Panel Survey, July 2014.

D. TERMS OF REPORT

D.1 Background

Quarterly reports on the Multi-Member Ward Operational Plans have been produced by SFRS to ensure delivery of the Local Fire and Rescue Plan for West Lothian 2021, which is a requirement under the Police and Fire Reform (Scotland) Act 2012, Section 41E.

D.2 Scottish Fire and Rescue Service (SFRS) Linlithgow Multi-Member Ward Quarterly Report

Following the publication of the Linlithgow Multi-Member Ward Operational Plan, the Local Senior Officer for Falkirk and West Lothian has produced a Performance Report detailing activity against the key priorities.

The key priorities within the Linlithgow Ward area are as follows:

Continuous Priority

- Local Risk Management and Preparedness.

High Priority

- Reduction of Dwelling Fires
- Reduction in Fire Fatalities and Casualties
- Reduction of Unwanted Fire Alarm Signals

Medium Priority

- Reduction of Deliberate Fire Setting
- Reduction of Fires in Non-Domestic Property
- Reduction in Casualties from Non-Fire Emergencies. (excluding RTCs)
- Reduction in RTC Fatalities and Casualties.

E. CONCLUSION

The Linlithgow Multi-Member Ward Performance Report aligns to the key priorities of the Local Fire and Rescue Plan for West Lothian 2021, the West Lothian Strategic Assessment of Community Safety and continues with the excellent partnership working on Community Safety, which is evident in West Lothian.

F. BACKGROUND REFERENCES

None.

Bryan Bell

Station Commander, Scottish Fire and Rescue Service

October 2022

Appendix 1 Linlithgow Multi-Member Ward Report



West Lothian Council Area

Ward Performance Report

Quarter 2 2022/23

Linlithgow

DISCLAIMER

The figures included in this report are provisional and subject to change as a result of quality assurance and review. The statistics quoted are internal management information published in the interests of transparency and openness.

The Scottish government publishes Official Statistics each year which allow for comparisons to be made over longer periods of time.

Please ensure any external partners in receipt of these reports are aware of this.

Introduction

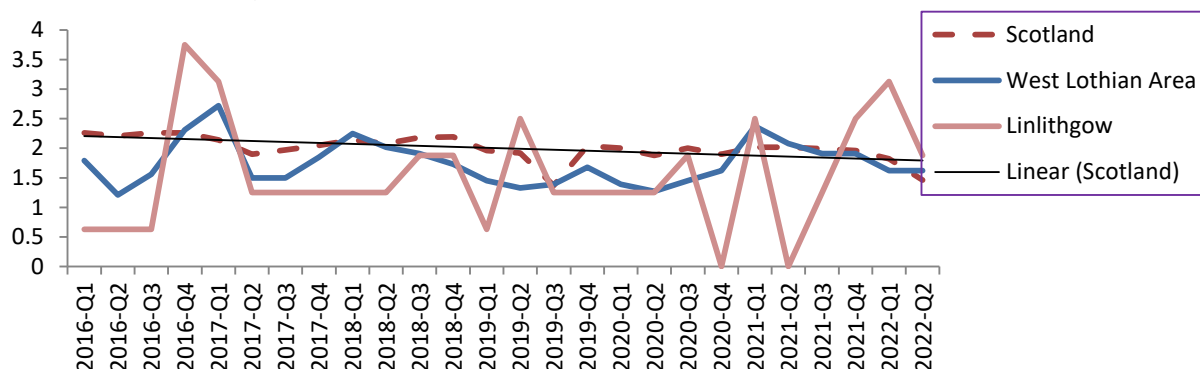
Welcome to the Scottish Fire and Rescue Service Ward Performance Report. This performance report is designed to provide citizens, stakeholders and partners with information relating to ward based activity undertaken by the Scottish Fire and Rescue Service.

In addition to historical ward based activity, this performance report provides information on the historic activity in the West Lothian Council area and Scotland. To allow benchmarking to be undertaken, the units of measurement in the performance graphs in the report are based on incidents/events per head of population.

Whilst using historic statistical benchmarking data, consideration must be taken of the somewhat random nature of fire related incidents and events, and how this can pose difficulties in interpreting emerging patterns and trends. This is of specific relevance where ward level data is analysed due to the relatively small number of actual incidents/events that occur in ward areas.

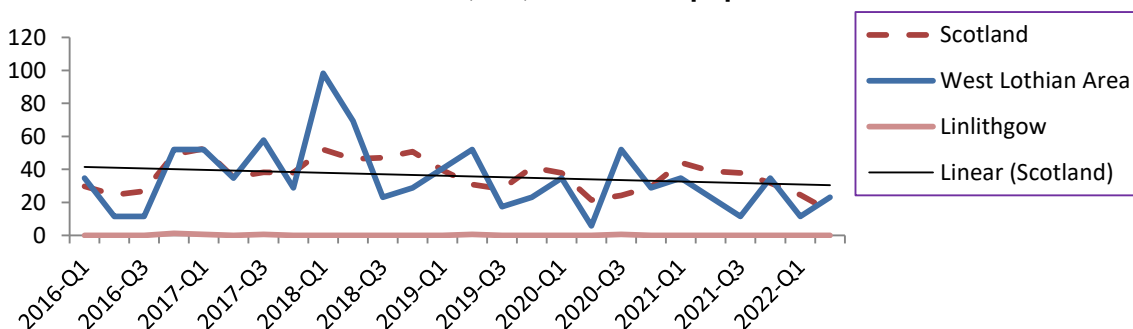
However, regardless of statistical anomalies, emerging patterns and trends in fire related incidents and events can assist the Scottish Fire and Rescue Service and Community Planning Partners plan and implement preventative intervention initiatives to target reducing fire related incidents and events.

Accidental Dwelling Fires Per 10,000 head of population



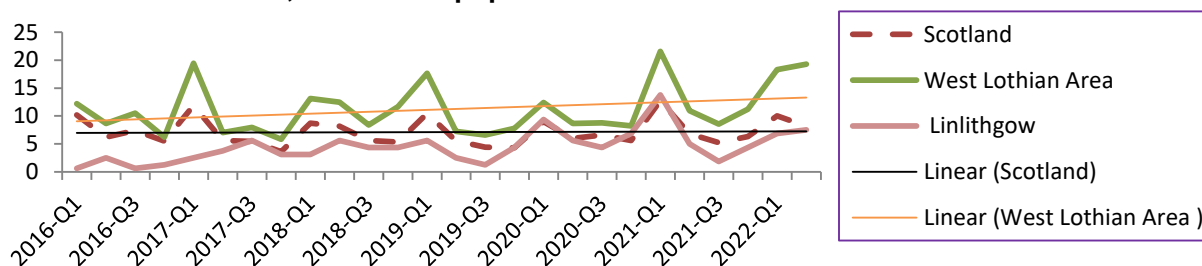
During the 2022-23 year to date reporting period SFRS have dealt with 3 accidental dwelling fires in comparison to 0 during 2021-22 year to date reporting period.

Fire Casualties and Fatalities Per 1,000,000 head of population



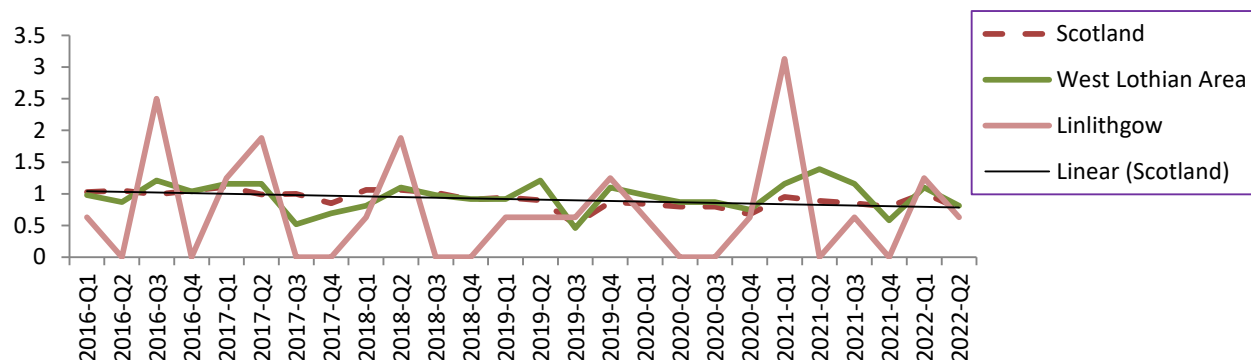
During the 2022-23 year to date reporting period SFRS have dealt with 0 Casualties and Fatalities due to fire in comparison to 0 Casualties and Fatalities during 2021-22 year to date reporting period.

Deliberate Fires Per 10,000 head of population



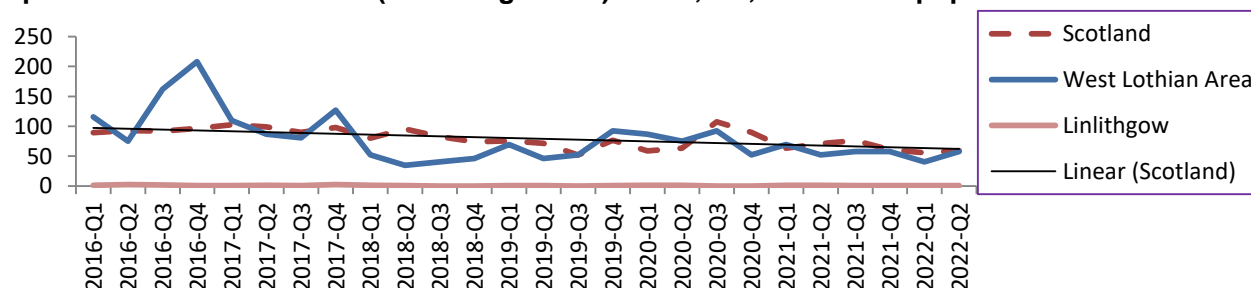
SFRS have dealt with 12 Deliberate fire incidents during 2022-23 year to date reporting period in comparison to 8 during 2021-22 year to date reporting period.

Fires In Non Domestic Property Per 10,000 head of population



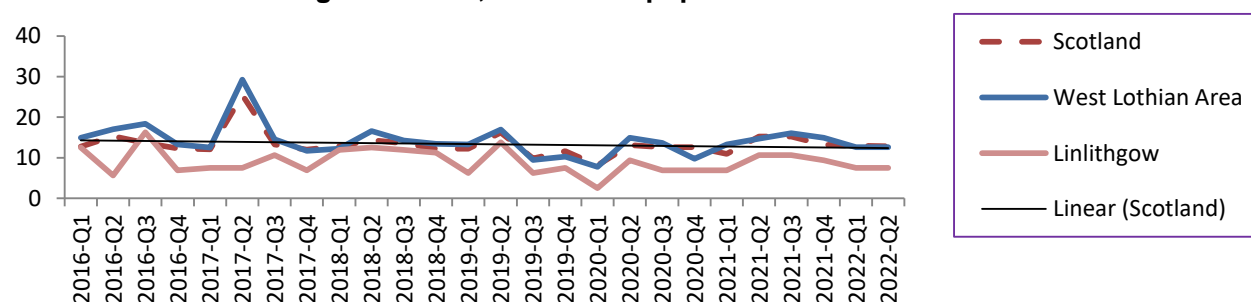
SFRS have dealt with 1 non domestic fire incidents during 2022-23 year to date reporting period in comparison to 0 during 2021-22 year to date reporting period.

Special Services Casualties (excluding RTC's) Per 1,000,000 head of population



SFRS have dealt with 1 casualties from Special Services during 2022-23 year to date reporting period in comparison to 2 during 2020-21 year to date reporting period.

Unwanted Fire Alarm Signals Per 10,000 head of population

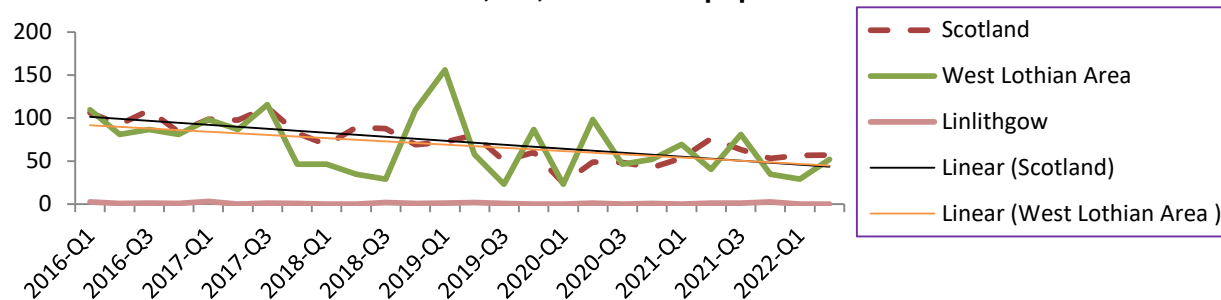


SFRS have dealt with 24 UFAS incidents during 2022-23 year to date reporting period in comparison to 34 during 2021-22 year to date reporting period.

Additional Comments

SFRS is committed to '*Working Together for a Safer Scotland*' and to engage with business partners to reduce demand from Unwanted Fire Alarm Signals (UFAS).

RTC Casualties and Fatalities Per 1,000,000 head of population



During the 2022-23 year to date reporting period SFRS have dealt with 0 Casualties and 0 Fatalities from RTC's in comparison to 2 Casualties and 0 Fatalities during 2021-22 year to date reporting period.

DATA LABEL: PUBLIC



LINLITHGOW LOCAL AREA COMMITTEE

SERVICE UPDATE – NETS, LAND & COUNTRYSIDE

REPORT BY HEAD OF OPERATIONAL SERVICES

A. PURPOSE OF REPORT

To advise members of the recent activity of the NET's, Land & Countryside Services teams for the period 1 July 2022 – 30 September 2022.

B. RECOMMENDATION

The Local Area Committee is asked to:

1. Note the work carried out by the service within the local area.
2. Advise of any areas that require further information or investigation.

C. SUMMARY OF IMPLICATIONS

I	Council Values	Focusing on our customers' needs; making best use of our resources; working in partnership
II	Policy and Legal (including Strategic Environmental Assessment, Equality Issues, Health or Risk Assessment)	None
III	Implications for Scheme of Delegations to Officers	None
IV	Impact on performance and performance Indicators	None
V	Relevance to Single Outcome Agreement	Relates to items 9 - We live our lives free from crime, disorder and danger & 12 – We value and enjoy our built environment and protect it and enhance it for future generations
VI	Resources - (Financial, Staffing and Property)	In line with available revenue and capital budgets
VII	Consideration at PDSP	None
VIII	Other consultations	None

D1 Terms of Report

The report covers the activity for the period 1 July 2022 – 30 September 2022.

D2 Grounds Maintenance Routine Works

The grass cutting team for the ward are on cycle 10 and are on target to achieve the Service Level Agreement of 12 cuts.

All grass areas that required a one-off cut has been completed.

It has been a difficult year for our weed management squads and as stated in previous reports the service are currently running behind due to weather conditions throughout the year, and may not complete the second weed spray of the soft landscaping areas.

Enquiries are being dealt with on a daily basis

Grounds Maintenance Enquiries

In total 35 grounds maintenance related enquiries were received and dealt with during this reporting period.

	2022	2021
Ball Game Enquiries	2	2
Bench or Seat Enquiries	0	2
Complaint Grounds Maintenance	0	2
Fencing Enquiries	0	1
Flower Bed or Bulb Displays	0	1
Gala Day Public Event Enquiries	2	0
Grass Area Damaged	1	0
Grass Cutting Enquiries	5	6
Grass Cutting Missed Not Cut	1	1
Grass Highway Verges	0	9
Grass Left On Paths or Roads	0	1
Ground Ownership Enquiries	1	1
Grounds Planning Applications	0	1
Grounds Property Vandalised	1	1
Hedge Cutting Enquiries	3	2
Illegal Adverts Estate Signs	0	1
Public Park Enquiries	0	1
Shrub Bed Enquiries	1	2
Shrub Bed Overhanging Path	7	12
Shrub Beds Not Maintained	1	1
Shrub/ Vegetation Sight Lines	2	4
Sports Facility Enquiries	1	0
Weeds General Enquiries	4	3
Weeds on Paths or Roads	3	4
Total	35	58

D3 Garden Maintenance Routine Works

The Garden Maintenance Scheme is currently on cycle eleven and have met the Service Level Agreement of eleven grass cuts. Garden Maintenance hedge cutting will commence in early October and weather permitting will be completed by the end of October.

Garden Maintenance Enquiries

In total there were nine garden maintenance related enquiries received and dealt with during this reporting period.

	2022	2021
Garden Maintenance General Enquiries	3	4
Garden Maintenance Grass Not Cut	5	1
Garden Maintenance Standard of Cut	1	0
Total	9	5

D4 Cleaner Communities Routine Works

Staff continue to carry out routine works of emptying street litter/ dog waste bins, litter picking and sweeping of footpaths and road channels while dealing with enquiries as they arise.

Officers continue to work with volunteer's litter picking within the Ward and have assisted with arranging the uplift of bags and debris that they have collected.

The NETs team continue to deal with fly tipping enquiries and removing fly tipping from Council ground.

The contract for carrying out a deep clean of Linlithgow Town Centre and road sweeping of category A, B, C & U roads that was approved through the Covid recovery funds within the Ward has been completed.

We have now received the nine replacement compact sweepers giving us one per Ward.

Cleaner Communities Enquiries

In total 48 cleaner communities related enquiries were received and dealt with during this reporting period.

	2022	2021
Complaint Street Cleansing	1	1
Dead Animals	7	6
Dog Fouling on Path Roads	2	3
Fly Posting	4	1
Fly Tipping Dumping	12	32
Glass on Paths or Open Spaces	1	1
Graffiti Non Offensive	0	3
Graffiti Racist or Offensive	0	6
Litter Bin Burnt Damaged	1	0
Litter Bin New Request For Bin	0	2
Litter Bin Overflowing	2	1
Litter General Enquiries	1	0
Litter Paths Roads Verges	5	2
Needles Syringes Abandoned	1	0
Street Sweeping Enquiries	2	8
Vehicle Abandoned	9	10
Total	48	76

Fly Tipping Enquiries (January - December)

	2021	2020	2019	2018	2017
Illegal Fly Tipping/Dumping	110	168	97	75	55

Environmental Community Action

The Education, Engagement and Enforcement Officers continue to deal with enquiries relating to fly tipping, littering, dog fouling, abandoned vehicles and general enquiries. There were 12 enquiries in relation to fly tipping for the period compared to 32 for the same period in 2021.

In dealing with abandoned vehicles, Officers have gained compliance from vehicle owners with said vehicles getting removed from public highways or getting taxed in most cases. Where appropriate, requests have been sent to WLC contractors for removal. However, there are instances where vehicle owners are not compliant and result to moving their vehicles between streets. When presented with such tactics, officers have resulted to contacting the DVLA and VOSA for support.

Officers have also had to educate members of the public that their vehicles with a SORN marker needs to be off public roads and kept in a private drive or inside a garage. This is a scenario that has occurred quite frequently of late.

Throughout West Lothian, officers continue to engage with volunteering groups, attend regeneration group meetings and render the necessary assistance needed to encourage the exercise they currently perform.

Officers carried out Dog Fouling stencilling on footpaths around Linlithgow Loch.

There has been no (0) Fixed Penalty Notices issued in Ward 1 for the period of 1 July 2022 –30 September 2022. For the same period in 2021, there was no (0) Fixed Penalty Notice issued within Ward 1.

Costs for fly tipping for the period 1 July 2022 –30 September 2022:

Please note the table below for 2022 covers the period of strike action when any Fly tipping would have been taken direct to the contractor's site instead of the Councils transfer station, and is not included in the figures below.

Wards	Number of Fly Tipping Enquiries	% of enquiries relating to Ward	Total Tonnage all wards	Cost of disposal including costs for NETs team/vehicles	Contractor removal of Fly Tipping	Removal of Asbestos
1	12	2.32	56.56	£865.10		
2	48	9.28	56.56	£3,460.40		
3	66	12.77	56.56	£4,758.04		
4	98	18.96	56.56	£6,675.25		
5	118	22.82	56.56	£8,506.81		
6	32	6.19	56.56	£2,306.93		
7	64	12.38	56.56	£4,613.86		
8	44	8.51	56.56	£3,172.03		
9	35	6.77	56.56	£2,523.21		
TOTAL	517			£34,574.70		

Costs for fly tipping for the period 1 July 2021 – 30 September 2021

Wards	Number of Fly Tipping Enquiries	% of enquiries relating to Ward	Total Tonnage all wards	Cost of disposal including costs for NETs team/vehicles	Contractor removal of Fly Tipping	Removal of Asbestos
1	32	6.08	63.38	£2,540.00		
2	42	7.98	63.38	£3,334.89		
3	68	12.93	63.38	£5,399.34		
4	93	17.68	63.38	£7,384.40		
5	144	27.38	63.38	£11,433.91		
6	38	7.22	63.38	£3,017.28		
7	62	11.79	63.38	£4,922.93		
8	29	5.51	63.38	£2,302.66		
9	18	3.42	63.38	£1,429.24		
TOTAL	526			£41,764.65		

D5 Park and Woodland**Tree and Woodland Enquiries**

In total 30 Parks and Woodland related enquiries were received during this reporting period.

	2022	2021
Tree Advice or Consultations	0	4
Tree Ash Dieback Disease	1	0
Tree Blocking Light	0	1
Tree Branches Overhanging	8	16
Tree Broken Damaged or Dead	1	1
Tree Conservation Areas	0	1
Tree Dangerous or Unsafe	6	3
Tree Enquiries General	13	14
Tree Felling Work Unauthorised	1	0
Total	30	40

	2022	2021
Access Rights Way Core Paths	1	10
Complaint Country Parks/ Trees	3	0
Country Park General Enquiries	3	3
Ranger Service Beecraigs	2	4
Ranger Service Education	0	1
Ranger Service General Enquiry	0	1
Total	9	19

Tree and Woodland Management

Ash Dieback Disease

Observations have shown that the decline in ash trees due to this disease has not been as rapid as seen over the previous two much wetter years. However, a repeat survey of some of the areas of trees previously looked at showed the following: -

- 4% showed an improvement
- 71% had the same condition score
- 25% were worse

A condition survey of all the ash trees along the road network managed by WLC, started two years ago, has been completed. Once the results have been compiled an update will be published on the Ash Dieback section of the website - [Ash Dieback Disease - West Lothian Council](#).

One of the Tree Inspectors, Wayne Murphy, has been appointed to the new post of Ash Dieback Officer. It is proposed that he will be supported by a new Technical Officer in due course and that the Tree & Woodland Team will be strengthened with the appointment of two apprentices.

Preparations are being made to undertake further remedial work along roads and in well-used public open space over Winter 2022-23. This will be followed by replanting in suitable locations.

Ranger Service Update

No. Rights Of Way / Core Path / Patrols carried out (hours)	20
No. Access Enquiries	2
No. Volunteer hours	48

The six new Assistant Rangers, funded by NatureScot's Better Places Fund 3, have been working with the Ranger team since the start of July. The remit of the Assistant Rangers is to raise awareness of the Scottish Outdoor Access Code, providing information and advice to visitors across West Lothian. They do this by carrying out patrols of 'hotspot' areas, organising and running community events and 'pop-up's', delivering school lessons and generally increasing Ranger presence.

Since July, they have patrolled over 420km, with 160+ hours spent on patrolling hotspot areas. They have patrolled Ravenscraig on several occasions, speaking to visitors about the Scottish Outdoor Access Code, carrying out litter picks and turning over fire sites.

After contacting all Primary Schools in West Lothian with details about delivering Scottish Outdoor Access Code lessons, the Assistant Rangers have begun teaching lessons to P6/7 children. The lessons consist of a mapping activity and either a guided 'responsible access' walk, or an access-themed obstacle course. So far, they have delivered five lessons to schools within Ward 1, and overall response to the lessons has been great so far, with a high level of engagement from the classes.

The Wild Wednesday events for Summer 2022 were a success, with the Assistant Rangers being joined by many different partner organisations, including the Scottish Fire and Rescue Service, RSPB, Hopetoun Ranger Service, Home Energy Scotland, Police Scotland, the Scottish Governments Road Safety Campaign 'Ziggy's Big Day Out' and the West Lothian Council's Waste Strategy Team.

The Ranger Service have applied to the Energy Saving Trust's eBike Grant Fund for an eBike and eCargo bike to be used within the Parks & Woodlands team, to replace the use of diesel vehicles for certain daily tasks. The bikes will also help with volunteer sessions and the transport of tools.

The wildfire fire risk for July was 'Very High' and a number of sites suffered from fire damage and ongoing smouldering fires, including Ravencraig, the Knock and Witchcraig Wood. The Assistant Rangers attended four fires, along with the Scottish Fire and Rescue Service - three of which were discovered by the Assistants during hotspot patrols. Along with the Countryside Attendants, they then subsequently carried out fire checks of sites to make sure they were not still smouldering and doused smouldering areas with water. Officers continue to receive the weekly fire site updates from the Scottish Fire and Rescue Service and have monitored the fire forecast through the European Forest Fire Information System (EFFIS).

The monthly Volunteer Ranger Service (VRS) sessions continue to be popular with regular and new volunteers, and the Ranger team have been able to offer extra sessions due to having the Assistant Rangers in post.

The Ranger Service are assisting different organisations wishing to run events across West Lothian and within the Country Parks. The most recent was an orienteering event in an area of Beecraigs Country Park.

The information sections submitted by the Ranger Service to the West Lothian Bulletin on all three Country Parks have been published in the Summer edition of the newspaper. These sections contain important information on responsible access, BBQ safety and Lyme Disease, as well as volunteering opportunities.

Beecraigs Country Park

The Scottish Governments Road Safety Mascot Ziggy the robot visited the park as part of the Government's summer Road Safety campaign. Ziggy and his team read stories to children and families about road safety and took short group walks around the Balvormie play area.

The low-level path joining Beecraigs Country Park to Witchcraig is being well used by walkers, runners and cyclists. The path allows visitors to walk from Beecraigs to the Korean War Memorial and provides onward travel towards Cairnpapple. The larger car park built at the entrance to the Korean War Memorial is also being well utilised by visitors.

Work is beginning in October to surface and resurface parts of the Beecraigs Country Park Orange waymarked route. Some areas of this route are suffering from erosion and drainage issues and upgrades are planned to be carried out in October and November.

Sections of the Purple waymarked route within the park are currently being surfaced. This work is being carried out by volunteers, the Council's Criminal Justice team and a group from The Conservation Volunteers (TCV). Areas of the Purple route are suffering from drainage issues and erosion, which is exposing tree root systems and causing muddy and waterlogged conditions. This has resulted in alternative routes being used next to the path network, which is affecting ground flora within the woodland. Type 1 will be used to surface these areas and a large stretch has already been completed close to the southern boundary of the park.

A mini basalt column structure has been installed next to the new interpretation placards at the geology seat near the Beecraigs Visitor Centre. The placards explain geomorphological processes and the column structure gives context to the information about basalt formation.

The Council's Criminal Justice Team continue to work at Beecraigs on Sundays, Mondays and Tuesdays. Recent tasks have included tree planting with the Assistant Operatives, cutting back vegetation from path edges, and path work on sections of mountain bike trails

The Assistant Rangers have held sessions for two Scout groups within the park, who have helped to clear waterways of logs and debris and opened up water corridors for brown trout migration and foraging bats.

Access

The Rangers continue to review all West Lothian Planning Applications for access implications, and submit comments to Planning Services.

The Access Ranger post has been filled, and the Ranger team are in the process of talking through existing access issues and the format for submitting planning comments with the Access Ranger, to move enquiries forward and process new ones. Any access enquiries should continue to be reported through the 'Report it > Core Paths & Rights of Way' section on the Council's website.

The Rangers have responded to an enquiry about concerns over the safety of a boardwalk following cattle escaping. Repair and improvements have been made to one of the boardwalks by the Parks & Woodlands Maintenance Team on the River Avon Heritage Trail / John Muir Way following damage by cattle.

Ecology and Biodiversity

Ecology and Biodiversity Officers are actively engaged in the co-design process for Nature networks and 30 x 30 with NatureScot by participating in workshops. Nature networks and 30 x 30 are two key mechanisms being put forward to meet Scottish Biodiversity Strategy. These workshops are ongoing since June 2022 - mid October. The overall intention is for Naturescot to deliver a draft framework development which will be consulted on next spring with the intention on publishing guidance in June 2023. It's hoped this will be used in connection with our forthcoming Local Biodiversity Action Plan (LBAP).

Government Consultations - Officers compiled a council response to the Scottish Government's Scottish Biodiversity Strategy (SBS) consultation. The SBS will be a new 10-year national strategy for biodiversity, which will influence statutory nature restoration targets set in the new Natural Environment Bill. The council response included a detailed analysis of the draft document, identified shortcomings and proposed amendments for the final strategy. The response was agreed at the WLC Environment and Sustainability PDSP and Council Executive.

Planning – Officers continue to provide input to planning applications, to ensure that legislation for the protection of wildlife, and policies and processes to safeguard the environment are followed. This ranges from written responses, to meetings with Planning officers and developers to discuss particular concerns (for example with regard to protected species). This type of proactive working with developers and the Planning team should encourage better results for local environments and wildlife in future applications.

Community Choices - Officers have been working on a grassland management plan for grounds maintenance. The plan seeks to improve the diversity of habitats in settlements and to enhance nature networks across the area, through changed land management including relaxed grass cutting, in appropriate areas voted on by communities. Currently we are looking to propose Springfield Neighbourhood Park and areas along A706 and A803.

WLC Climate Emergency Fund projects

- Local Biodiversity Action Plan (LBAP) – a new LBAP is being created by officers. Currently, consultants are compiling a map of habitats across the whole of West Lothian and assessing the condition of the habitats. Once this is done, they will also calculate the benefits provided by the habitats, and specifically the benefits provided by the natural assets owned by West Lothian Council. This information will guide how habitats should be managed and enhanced through the LBAP, in order to ensure viable nature networks across the area. An LBAP partnership will be set up with other land owners/managers in West Lothian to work together on this joint plan.
- The 'Free Trees' scheme, in partnership with Edinburgh and Lothians Greenspace Trust, is progressing. As uptake from households for a free garden tree was very low, the project now includes trees for public spaces as well. Utility checks have been made for the proposed areas and a final review and ground truthing exercise is required ahead of final selection/ planting. Areas to be further investigated are: Play Park at Mains Road, Mains Road and within an area of open space off Braehead Road

Nature Restoration Fund projects

- Habitat monitoring – Buglife was employed to organise and lead urban wildflower meadow and freshwater workshops for the public over the summer of 2022. They also assessed the condition of all the B-Lines wildflower meadows created in the last 2-3 years and compiled a report to aid in the management of these meadows as they develop.

D6 Open Space and Cemeteries**Open Space Enquiries**

There were one Open Space enquiries for this reporting period.

	2022	2021
Childrens Play Enquiries	1	7
Total	1	7

Cemeteries Routine Works

Routine grass cutting and weed control tasks have been completed. Seasonal maintenance works and lair reinstatement and burial duties are ongoing across the cemetery estates.

Cemeteries Enquiries

There were 62 Cemeteries enquiries for this reporting period.

	2022	2021
Bench Donations	1	1
Cemeteries General Enquiries	7	7
Complaint Cemeteries & Burials	1	0
Lair Enquiries	10	6
Lair Sunken or Uneven	0	2
Memorial/ Headstone Works	16	15
New Interment Booking	12	20
Purchase of Interment Lair	15	9
Total	62	60

E CONCLUSION

Officers continue to deal with enquiries relating to fly tipping, littering, dog fouling, abandoned vehicles and general enquiries.

The Open Space Capital Programme is progressing as scheduled.

F. BACKGROUND REFERENCES

Open Space Strategy

Capital Programme

Appendices/Attachments: none

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Jim Jack

Head of Operational Services

01 November 2022

DATA LABEL: PUBLIC



LINLITHGOW LOCAL AREA COMMITTEE

HOUSING, CUSTOMER AND BUILDING SERVICES

REPORT BY INTERIM HEAD OF HOUSING, CUSTOMER AND BUILDING SERVICES

A. PURPOSE OF REPORT

To provide the Local Area Committee with an overview of the service activities within the Linlithgow ward.

B. RECOMMENDATION

The Local Area Committee is asked to note Housing, Customer and Building Service activity as detailed in the ward report for the period Quarter 2 - 1st July 2022 – 30th September 2022.

C. SUMMARY OF IMPLICATIONS

I	Council Values	Focusing on our customers' needs. Being honest, open and accountable. Providing equality of opportunities. Making best use of our resources. Working in partnership.
II	Policy and Legal (including Strategic Environmental Assessment, Equality Issues, Health or Risk Assessment)	Housing (Scotland) Act 2001 Housing (Scotland) Act 2010
III	Implications for Scheme of Delegations to Officers	None
IV	Impact on performance and performance Indicators	There is no impact
V	Relevance to Single Outcome Agreement	There are positive impact on the following SOA indicators: SOA4 – we live in resilient, cohesive and safe communities SOA8 – we make the most effective use of resources by minimising our impact on the built and natural environment
VI	Resources - (Financial, Staffing and Property)	None
VII	Consideration at PDSP	Yes
VIII	Other consultations	N/A

D. TERMS OF REPORT

D.1 Housing Performance Information

The purpose of this report is to provide the Local Area Committee with an overview of the activities of Housing, Customer and Building Services, specific to the Linlithgow Ward. Tables 1 and 2 provide details on letting performance.

Table 1 - Property Void & Let Performance: Mainstream Tenancies

Void Period	July 2022	%	August 2022	%	Sept 2022	%	WL Target %
0-2 weeks	1	33.3%	0	0%	1	33.3%	55%
2-4 weeks	0	0%	0	0%	0	0%	30%
4+ weeks	2	66.7%	2	100%	2	66.7%	15%
Total Lets	3	100%	2	100%	3	100%	100%

Table 2 - Property Void & Let Performance: Temporary Tenancies

Void Period	July 2022	%	August 2022	%	Sept 2022	%	WL Target %
0-2 weeks	0	0%	1	100%	1	50%	55%
2-4 weeks	0	0%	0	0%	0	%	30%
4+ weeks	0	0%	0	0%	1	50%	15%
Total Lets	0	0%	1	100%	2	100%	100%

Delays in re-letting can occur for a variety of reasons. The type or location of the property, the completion of void work or the identification of additional works not visible during the initial inspection. Ensuring that vulnerable persons are appropriately supported through the viewing and sign up process can also add to timeframes. Some of our applicants have specific support requirements which require detailed planning and co-ordination by both social work and housing services prior to tenancy commencement. There were 10 policy voids in the ward for this period as set out in Table 3 below.

Table 3 – Policy Voids

Void period	Number of properties	PV reasons
<4 weeks	0	
4 – 12 weeks	1	Upgrading
13 – 26 weeks	5	Upgrading and Health and Safety Concern
26+ weeks	4	Decant and upgrading

D.2 Linlithgow - Financial Summary

For the Linlithgow ward the collection rate for the YTD in Q2 remains excellent at 95.3%. Linlithgow has collected £1,442,939 vs a charge of £1,514,025.

The overall increased arrears in comparison to last year are as a result of Full-Service Universal Credit being introduced in West Lothian from May 2018, along with other Welfare Benefit reforms and the current economic climate.

In the same week last year Linlithgow ward had 143 Universal Credit (UC) households in arrears. Since then the number of UC households in arrears has increased by 1.4%.

The number of tenancies in arrears in this ward has decreased by 7 since last year. Small debt cases (£300 or less), account for 53.4% of households.

There are 51 serious arrears cases (+£1000 in arrears). These cases are 17.3% of all households in arrears in this area, containing 64.2% of the debt.

The arrears position for Linlithgow Q2 is £202,951. This is a decrease of -£4,581 on last year's position. The West Lothian overall position is currently £4,780,804.

During the course of this year we plan to focus on the following:

- Making best use of resources by considering communicating more with customers through SMS, email and telephone
- Benchmarking with other local authorities to ensure we identify and consider implementing any best practice
- Performance Monitoring and Reporting will be reviewed and where appropriate streamlined to ensure information is meaningful and robust to assist with improving rent arrears due.
- Promote Alternative payment methods, particularly the Tenant's Self-Service Portal and telephone payments.

Table 4 – Debt Distribution

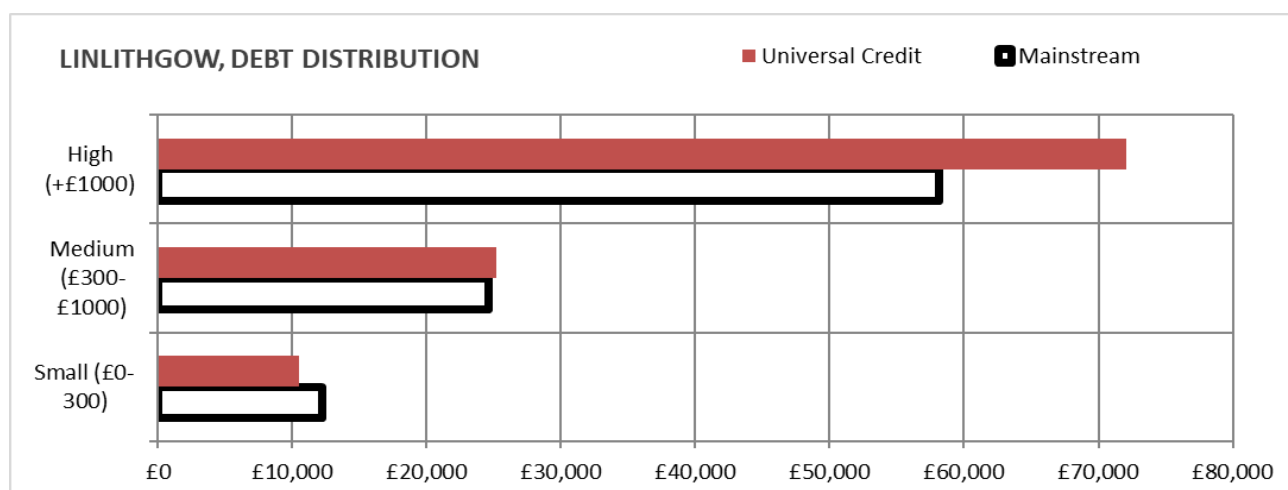
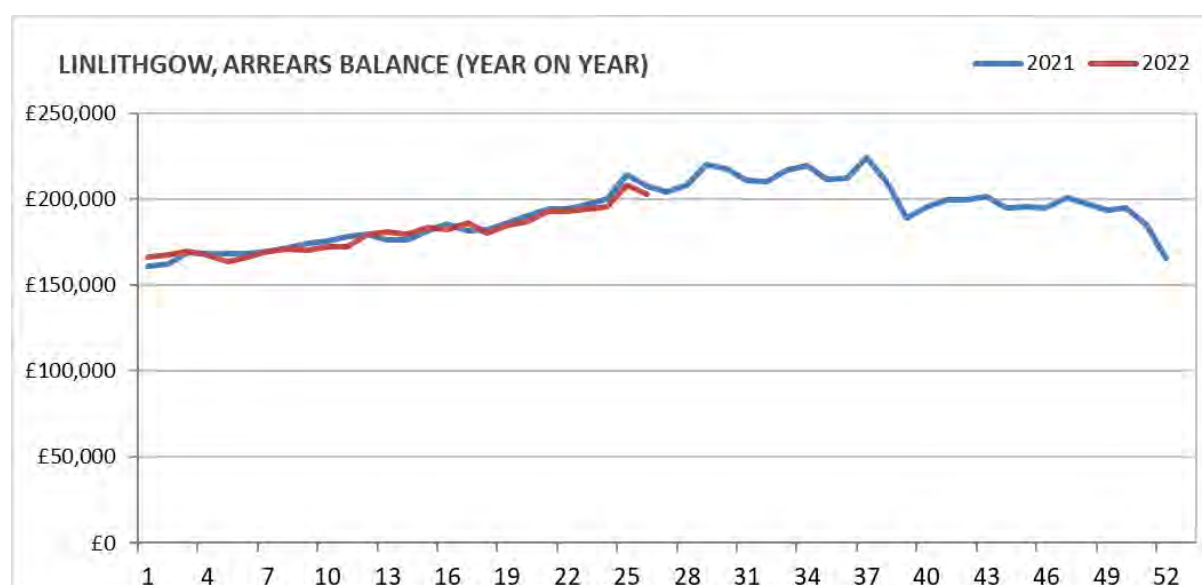


Table 5 – Arrears Banding

Arrears Banding	2021/22 (WK26)				2022/23 (WK26)			
	Mainstream		UC		Mainstream		UC	
	Balance	Cases	Balance	Cases	Balance	Cases	Balance	Cases
£0.01 to £99.99	£2,000	43	£686	14	£1,525	34	£982	18
£100.00 to £299.99	£10,084	59	£7,268	39	£10,736	59	£9,556	46
£300.00 to £499.99	£5,631	14	£10,930	28	£6,976	17	£8,493	22
£500.00 to £749.99	£10,938	18	£7,299	12	£7,092	11	£9,734	16
£750.00 to £999.99	£3,417	4	£11,238	13	£10,563	12	£7,005	8
£1000.00 to £1999.99	£9,301	7	£26,332	20	£7,879	5	£29,075	20
£2000+	£49,545	13	£52,863	17	£50,308	11	£43,028	15
Group Total	£90,915	158	£116,617	143	£95,078	149	£107,873	145
Movement					(+) £4,163	(-) 9	(-) £8,744	(+) 2
Overall Total			£207,533	301			£202,951	294
Overall Movement							(-) £4,581	(-) 7

Table 6 – Arrears Balance

D.3 Linlithgow Area Team Activity

As part of office remobilisation procedures, officers in the Housing team have embraced the council's flexible / hybrid working arrangements since April 2022, working from home, office and out in our communities. The focus on rent arrears activity continues to be a weekly priority task for the team and officers continue to work with all our tenants in offering support, advice and assistance. Such assistance includes referrals for money and debt advice, benefit health checks, completion of income and expenditure to help set up a sustainable payment plan and where appropriate, assist with applications for Discretionary Housing Payments.

During quarter 2, officers have continued to work closely with colleagues in Building Services, engaging with tenants to ensure that health and safety work has been completed and all necessary compliance work is undertaken in tenancies to ensure that these meet legislative requirements. As a result we have identified a number of tenants requiring support

Officers have been working to support a number of tenants in the area alongside colleagues from other service areas and agencies, dealing with a range tenancy management issues and providing

assistance and support to help tenants sustain their tenancies. This can range from being involved in complex care management cases alongside colleagues in social policy to being involved in assisting to resolve neighbour disputes with police and Safer Neighbourhood Team colleagues.

A new Community Housing Officer has been appointed to replace an officer who left the organisation in the Summer.

D.4 Capital Programme and New Build Council Housing

Table 7 - Linlithgow

RSL New Build Activity	Site	No of Units	Site Start	No of Houses Handed Over	Site Completion
West Lothian Housing Partnership	Blackness Road, Linlithgow	14	Feb 21	0	Oct 2022

Table 8 - Local Capital Investment Upgrades

Street	Contract	Site Start	Update
Preston Road and Preston area	Roofing and roughcast	January 2022	Work has commenced on site and will continue into 2022/23

D.5 Tenant Participation

Tenant Participation continued throughout the quarter via digital and seen the return of face to face meetings (once a month).

The customer experience team and tenant participation team have worked together to ensure the best possible service is delivered to our tenants. They have jointly implemented improvements and communication.

Tenants Panel

Tenant members continued to take part in monthly digital meetings with senior managers and the Head of Service, discussing service improvements and developments and receiving updates from each service area. They have been provided with the HRA and Capital Overview and have been involved in performance scrutiny over the quarter.

Capital & Repairs Working Group (CaRs)

Managers from Building Services and the Strategy & Development Team met with tenant members to discuss major improvement works, update them on the various projects being carried out and share benchmark information.

These meetings ensure that tenants' views are heard and offer another scrutinising service delivery method.

Tenant Participation Development Working Group (TPDWG)

Members meet to ensure Tenant Participation stays high on the services agenda, looking at ways of engaging with more tenants. This group have worked with the Tenant Participation Team to review and agree the roles and remit of each working group. They have worked hard to produce a new 5 year Tenant and Customer Participation Strategy.

The TPDWG completed their work on the animated video to increase engagement. This has now been launched and widely recognised by TPAS and TIS. This was an excellent piece of work.

Editorial Panel

This quarter the members have been involved in the collation of the Winter edition of Tenants News. The members continue to review the tenant's handbook online to ensure it is still relevant and current.

TP Facebook Group

The Tenant Participation team continue to see a steady rise in the number of tenants engaging with Facebook posts. The members have recently reviewed what content should be shared on the Facebook page and how the 397 members would like to be involved in Tenant Participation. These discussions have resulted in implementing the tenant's talk scheme, where tenants become experts on our social media platforms. We share our surveys in digital form on the Facebook page for tenants to complete. We will soon be investigating how we can implement focus groups using the Facebook group.

D.6 Safer Neighbourhood Team

The Safer Neighbourhood Team (SNT) officers continue to work across the nine multi member ward areas as an integral part of the Community Safety Unit, as part of their working remit to reduce noise and antisocial behaviour (ASB). Partnership working involves the local housing team, council officer within the SNT and officers from Police Scotland and the Scottish Fire and Rescue Service all working together to tackle antisocial behaviour. When necessary, the partners will liaise with voluntary organisations including West Lothian Youth Action Project, mental health advisory workers and private landlords in order to reduce antisocial behaviour.

Linlithgow Ward Data

The following tables set out details of the number of new cases opened each month, overall number of active cases; number of cases resolved. Not all incidents become a case and officers will open a case where further investigations are necessary.

Table 9 – Cases and Incidents

<i>Cases and Incidents</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>
Incidents reported to SNT	7	11	18	20	26	6
Number of new cases	1	0	1	2	0	0
Number of active cases	1	1	4	4	3	4
Number of resolved cases	1	0	0	1	0	3

The following table provides an overview of the types of incidents that are being reported to the SNT.

Table 10 – Incident Types

Incident Categories	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>
ASB Part 2 Complaint	12	20	18	11	13	5
ASB Part 5 Noise Complaint	13	9	4	3	3	1
Dog Barking	0	0	0	0	0	0
ENV Health Complaint	3	0	0	3	4	0
Non ASB Noise Complaint	1	0	0	1	1	0
SST Section 3 Tenancy Management	2	2	1	2	3	0
Youth Disorder	1	0	0	0	1	0
Unauthorised Encampment	0	0	0	0	1	0
Grand Total	32	31	23	20	26	6

The following table provides numbers of ASBO that are current in ward and compared to all of West Lothian.

Table 11 – Anti-Social Behaviour Orders

ASBO	<i>Q1</i>	<i>Q2</i>
Number of ASBO's current	<i>1</i>	<i>0</i>
All of West Lothian	<i>7 plus 1 Interim</i>	<i>8 plus 1 Interim</i>
Age of perpetrator	<i>26</i>	<i>-</i>

West Lothian Ward Data

The following table provides number of all active cases and total number of incidents for West Lothian.

Table 12 – Active Cases and Incidents

West Lothian	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>
Total Number of Active Cases	45	47	51	61	51	58
Total Number of Incidents	309	339	324	326	333	229

Examples of SNT work during Quarter 2

Partnership working is essential to reaching outcomes. **Joint Visits** with Housing Operations, Social Policy, Police and SRFS have taken place across the Ward. There have been **multi- agency discussions** which have taken place in tackling issues in relation to a noise complaint from commercial premises. A customer reported concerns for children's welfare within a property, SNT referred this to Social Work to investigate further. The case has been complex due to child protection concerns. **Warnings** were issued to residents for loud music and noise nuisance. These warnings could be issued as there was evidence to do so. Officers continue to monitor cases. **Letter drops** are also actively used to assist SNT gather further information from neighbourhoods when officers have difficulty in obtaining independent corroboration and seek witnesses to come forward with information.

E. Conclusion

The void and let turnover remains low and officers continue to provide advice and assistance to customers on their housing options. The team continue to provide support and assistance to new tenants moving into their tenancies both in mainstream and temporary accommodation.

Income management continues to be one of our main focuses of work to ensure customers are supported and that officers maintain good income collection.

Officers within the overall service have been continuing work engaging with customers through tenant participation and capital programme works.

Joint working has continued with police colleagues and wider community safety partners in dealing with issues of anti-social behaviour.

Officers within the team have supported colleagues in Building Services ensuring that compliance work is completed within our tenancies.

F. Background References

None

Appendices/Attachments:

None

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Julie Whitelaw, Interim Head of Housing Customer and Building Services
01st November 2022

DATA LABEL: PUBLIC



LINLITHGOW LOCAL AREA COMMITTEE

ANTI-POVERTY SERVICE UPDATE

REPORT BY HEAD OF FINANCE AND PROPERTY SERVICES

A. PURPOSE OF REPORT

The purpose of the report is to inform the Local Area Committee of the work undertaken by the Anti-Poverty Service from April 2021 to March 2022.

B. RECOMMENDATION

It is recommended that the Committee notes:

1. The Anti-Poverty Service provision in the ward; and,
2. The impact provision is having in terms of supporting the outcomes of the Community and the Planning Partnership's Anti-Poverty Strategy 2018-23.

C. SUMMARY OF IMPLICATIONS

I	Council Values	Focusing on our customers' needs; being honest, open and accountable; providing equality of opportunities; making best use of our resources; working in partnership
II	Policy and Legal (including Strategic Environmental Assessment, Equality Issues, Health or Risk Assessment)	None.
III	Implications for Scheme of Delegations to Officers	None.
IV	Impact on performance and performance Indicators	The activity contained in the report contributes to service KPIs.
V	Relevance to Single Outcome Agreement	<p>We are better educated and have access to increased and better quality learning and employment opportunities.</p> <p>We live longer, healthier lives and have reduced health inequalities.</p> <p>We have tackled significant inequalities in West Lothian society.</p>

VI	Resources - (Financial, Staffing and Property)	Activities delivered from approved budgets supplemented by external funding from Macmillan Cancer Support, European Social Fund and Scottish Legal Aid Board.
VII	Consideration at PDSP	None.
VIII	Other consultations	None.

D. TERMS OF REPORT

D.1 Background

The Anti-Poverty Service provides services to help the most vulnerable households in West Lothian. The service contributes to the council's Corporate Plan priority "Minimising poverty, the cycle of deprivation and promoting equality" by providing comprehensive advice, support and assistance to people in West Lothian who are:

- Without work or in low paid work
- Are poor and / or fuel poor
- Have money / debt issues
- Have been affected by cancer or other long term conditions
- In crisis
- In receipt of benefits and /or have an entitlement to payments managed by the service
- Being assessed for social care services

The service aims to help these groups increase their disposable income, manage their debt, improve their budgeting skills, remain in their home and to appeal decisions made by the Department of Work and Pensions (DWP). The service also utilises the skills and knowledge of volunteers who provide a valuable role in supporting customers to access services and provide a listening ear which can offer a network of support and information.

The service is responsible for the administration of Housing Benefit, the Council Tax reduction scheme and the Scottish Welfare Fund (SWF). It also has the responsibility of administering and improving the uptake of free school meals, school clothing grants, education maintenance allowance and blue badges. It provides a front-line service to recipients of benefits, which includes assessing eligibility, processing claims, assessing benefits, processing discretionary housing payments, self-isolation grants as well as other payments to claimants.

All activity across the service is informed and prioritised by the Community Planning Partnership Anti-Poverty Strategy 2018 to 2023. The overall purpose of this strategy is to reduce the inequalities gap and tackle the causes of inequality to ensure that people are not financially excluded and minimises the impact of poverty on the people of West Lothian.

D.2 Key Highlights 2021/22

Over the past year the service has undertaken the following activities:

- Supported customers throughout the Covid-19 pandemic and recovery period using pro-active and reactive measures and successfully adapting to challenges and restrictions ensuring all customers who required support

implemented this.

- Digitalisation of areas of the service, improving efficiencies and offering more choice to customers at a time which suits them. This has included online forms, self-help tools, video conferencing software and ask the advisor sessions on Facebook adding a new service delivery channel and increasing accessibility to the service.
- Developed and implemented new software to improve accessibility and processing timescales for Blue Badges.
- Continued development of the FORT referral and tracking system to allow internal and external services and organisations to easily refer customers ensuring they receive the support required at the earliest point. 710 users across 88 agencies are currently using the system which resulted in 4998 referrals being received during 2021/22.
- Introduced automation to Education Benefits for Free School Meals and Clothing Grants reducing the FTE required by one. This has allowed resources to be diverted to other areas of pressured work such as Crisis Grants.
- Supported 855 households experiencing fuel poverty by paying £60,025 in grants and issuing 1,783 in fuel vouchers worth £78,171.
- Offered holistic support and advice to customers looking to access the Foodbank. In total 3,768 Foodbank vouchers were issued by the service. The food insecurity project has worked with 77 customers experiencing persistent food insecurity to secure extra income of £119,190.
- Assumed Responsibility for the Under 22 Young Scot Travel scheme, with around 45% of all young people in West Lothian entitlement to the scheme now using it successfully. Efforts to increase take up will continue throughout this financial year and is helped by the delayed Scottish Government campaign that went live on 27 September 22.
- Provided additional support to 359 individuals through the Feeling the Pinch Fund amounting to £79,988.
- The service recorded the third best Housing Benefit and Council Tax Reduction performance in Scotland with new housing benefit claims being processed on average within 13 days against a Scottish average of 18 days.
- Delivered Winter Support Funding of £633,285 to 4,691 Council Tax Reduction recipients with additional vulnerabilities to assist with the additional costs experienced over the winter period.
- Provided direct financial support to Ukrainian refugees and their hosts with £39,950 paid directly to help support 232 individuals and £61,041 in “Thank You” payments made to 50 families hosting Ukrainian refugees.
- Payment of Scottish Governments Low income Pandemic payment of £130 to approximately 16,000 eligible households in receipt of Council Tax Reduction or qualifying Council Tax exemption.

The Anti-Poverty Service continues to embed services into the local community and to support customers to help mitigate poverty, to enable and empower people and work collaboratively with partners to maximise the benefits of our service at a customer's time of need.

D.3 Local Provision

The section below shows the number of people the Anti-Poverty service has worked with over the last year in the Linlithgow ward and provides further information on the Anti-Poverty Service.

The Advice Shop has helped 502 customers to manage their money and to resolve benefit problems within the Linlithgow ward. This resulted in 6,302 additional

enquiries and contacts from these customers. As a result, customers have a better understanding of their situation and options available to them. Feedback shows this has a positive impact on individuals by increasing knowledge and understanding and ultimately improving the customer journey and empowering customers.

The Advice Shop generated £966,389 in extra income and successfully managed £159,790 in debt within the Linlithgow ward.

D.4 Work delivered by team within the Anti-Poverty Service

Since the start of the Covid-19 pandemic and throughout the recovery period, West Lothian Council's Anti-Poverty Service has continued to offer help and support to constituents across West Lothian. The service has pro-actively adapted to the current situation to maximise the help and support on offer to individuals and the information and results of this support is detailed below;

Advice Shop

In 2021/22 The Advice Shop has supported 13,433 individuals resulting in 155,374 additional enquiries and contacts from these customers, covering money and debt, energy, housing and welfare benefits. This is a 54% increase compared to 2020/21 figure for contacts and enquiries.

The Advice Shop generated £28,126,573 in extra income and successfully managed £1,325,572 in debt.

109 appeals were lodged to help customers appeal a DWP benefit decision. 84% of appeals had their decisions overturned. This is a 43% decrease in the number of appeals compared to the previous year.

1,800 customers were provided energy advice to help improve household income and savings. This is a 5% increase from the previous year and amounted to £480,439. 13% of these customers were aged 60 years and over.

A range of targeted support and campaigns have been delivered over the period which include increasing uptake in new Social Security Scotland payments and, help and advice relating to energy. Advisors were able to support customers to engage with charities and third sector organisations which have received additional, one-off funding to help the most vulnerable as a result of the Covid-19 pandemic.

Service delivery continued to adjust throughout the pandemic. Further Implementation of new digital outreach sessions and re-introduction of face to face appointments have been well received by customers and staff.

Improved processes and system digitalisation has also meant that we have managed to continue to fully support customers. This includes the benefit check and budgeting calculator which is freely available to customers. Self-help guides and information continues to be developed and publicised by the service which information such as the West Lothian Food Map.

Benefits

In 2021/22, 1,350 Housing Benefit applications have been received and 21,098 change of circumstance notifications. Despite the demand, performance remains high and within the target, new housing benefit claims were processed within 13 days against a Scottish average of 18 days. Change of circumstances within 3 days

against a Scottish average of 5 days.

There were 2,917 applications received for Council Tax Reduction and 31,959 change of circumstance notifications. Again, despite the demand performance remains within the target with new Council Tax Reduction claims processed within 13 days and change in circumstances within 5 days.

Scottish Welfare Fund

In 2021/22 there continued to be a significant number of Crisis Grant applications received. There were 12,284 Crisis Grant applications received between 01 April 2021 and 31 March 2022, compared to 12,789 for the same period in 2020/21. The total financial support provided via Crisis Grants for this period in 2021/22 was £1,025,212 compared to 2020/21 is £1,022,126. Although the number of applications are slightly down in the last financial year compared to the previous year, the amount paid out on Crisis Grants was marginally higher. This is because the amount paid in each grant was higher. Households continue to struggle with household bills given the current cost of living crisis and it is expected that as we move into the winter months, the demand for Crisis Grants will increase.

2866 Community Care Grant applications were received during the same period which resulted in £1,212,699 in Community Care Grant payments.

Self-Isolation Grant

This grant continued during the 2021/22 financial year but went through a number of changes by Scottish Government in relation to qualifying criteria. During this year, those that qualified received a £500 payment if they are working, unable to work from home during self-isolation and lost income as a result. Individuals also have to be in receipt of a qualifying benefit. In 2021/22 6002 applications were received and 3008 individuals were awarded a grant. The total paid was £1,504,000.

The grant is due to end on 31 October 22 however we await final confirmation from Scottish Government. We are now only receiving a few applications for this grant on a weekly basis. The amount of the award also changed in May 2022 from £500 to £225.

School Clothing Grants/Meals

Education Grants are reported in academic years running from August to June the following year. In the Academic Year 2021/22, over 4,913 children were awarded free school meals and school clothing grants were awarded to 7,468 pupils. From August 2021, all children from P1 to P4 were awarded Universal Entitlement to Free School Meals, this increase to include P5 from January 22.

Children eligible for Free School Meals or living in households with low income, have also benefited from financial support during the school holidays. In the Academic Year, including the summer of 2021, a total of £1,207,254 was paid to over 5,700 children. This was paid to parents to help with the purchase of food during school holidays periods.

Discretionary Housing Payments

In 2021/22 the service has made 6,196 awards for discretionary housing payments amounting to £3,410,786.

1126 awards amounting to £492,204 were awarded for financial hardship and 5,070 awards amounting to £2,918,581 for under occupancy.

Bridging Payments

Scottish Government Bridging payments replaced the previous Family Pandemic Payment and were paid during the 2021/22 Academic Year and continue to be paid until the end of this calendar year. We await information from Scottish Government as to whether these will continue however given the payment is a compensation payment for the late roll out of the Child Payment which is due for roll out at the beginning of 2023, it is unlikely that these will continue. The payment is made to all children who qualify for Free School Meals because they live in a low-income household, or any child entitlement to Universal Entitlement to School Meals if they live in a low-income household. During 2021/22, the October 21 and December 21 payment was £160, however the payment changed and in April 22 and June 22, the payment reduced to £130. Over the Academic Year 2021/22 £3,103,400 was paid to over 5,500 children.

D.5 Priorities 2022/23

The Anti-Poverty Service has identified the following priorities for development over the 2022/23 year, which are:

- Continuing to work with partners and customers to assist in the recovery from the Covid 19-Pandemic which includes targeted advice and support.
- Providing advice and support to customers and partners to help mitigate the effects of the increased cost of living crisis which includes in work poverty.
- Increasing awareness, understanding and knowledge of support available in relation to poverty through arranged events, training and information sharing channels such as social media.
- Providing face to face support in community settings such as Community Hubs, Health Care Settings and Partnership Centres.
- Supporting customers affected by debt through Improving the Debt Journey to improve understand and maximise tailored support for long term benefits.
- Supporting the roll out of the Child Disability and Adult Disability Payment.
- Providing focused support and advice to those affected by addictions with multiple issues and/or a history of none engagement with support services.
- Providing targeted support to customers who have exhausted Foodbank vouchers.
- Retaining Scottish National Standards for Information Advice Providers.
- Making meal payments during school holiday periods with payments already made in October 2022 amounting to £127,995
- Payment of the Scottish Government Bridging Payment until the end of the 2022 calendar year of £130 per child.
- Continuing to support the Under 22 travel scheme for all those with a Young Scot card by promoting the scheme in schools; businesses and on our own website and social media pages.
- Awarding an additional £80 clothing grant to all qualifying children as at January 2023. This is estimated to benefit around 6000 children
- Awarding a £20 fuel payment to all Crisis Grant recipients who apply and are awarded a Crisis Grant that includes a fuel request from 1 October 2022. There is currently a budget of £44,000 for this scheme
- Supporting Ukrainian Refugees to access all available advice and support including financial, housing, debt, energy, training and employment.
- Increasing uptake of the Council Tax Reduction scheme
- Delivering further Winter Support Fund payment of £80 to 4,242 Council Tax

Reduction claimants with additional vulnerabilities to support them with additional costs over the winter period.

E. CONCLUSION

The report summarises the work of the Anti-Poverty service in the Linlithgow ward area and provide an overview of the service as a whole. The Local Area Committee is asked to note the contents of the report. It is the intention to report on activity in the ward area on an annual basis.

F. BACKGROUND REFERENCES

None.

Appendices/Attachments: None.

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Donald Forrest

Head of Finance and Property Services

Date of meeting: 01st November 2022

DATA LABEL: PUBLIC



LINLITHGOW LOCAL AREA COMMITTEE

PENSIONERS GROUPS CHRISTMAS FUND ALLOCATIONS 2023-23

REPORT BY THE DEPUTY CHIEF EXECUTIVE EDUCATION, PLANNING AND ECONOMIC DEVELOPMENT

A. PURPOSE OF REPORT

The purpose of this report is to inform the Local Area Committee of the final allocations that were made from the Pensioners' Groups Christmas Fund 2022-23 to groups in the Linlithgow Ward, Livingston-wide groups and West Lothian-wide groups. The committee is asked to note that applicants were offered, as they were in 2020 and 2021, an additional option of a pre-prepared chilled meal as an alternative to a direct grant award.

B. RECOMMENDATION

It is recommended that the committee notes:

1. Four groups in Linlithgow ward are being supported through the Pensioner's Christmas Fund 2022-23
2. The continued inclusion of a pre-prepared meal option

C. SUMMARY OF IMPLICATIONS

I Council Values	Focusing on our customers' needs. Being honest, open and accountable. providing equality of opportunities; developing employees; making best use of our resources; working in partnership.
II Policy and Legal (including Strategic Environmental Assessment, Equality Issues, Health or Risk Assessment)	The report does not raise any health or risk assessment issues. No strategic environmental assessment is required.
III Implications for Scheme of Delegations to Officers	The Head of Planning, Economic Development and Regeneration Services has the delegated authority to make the final allocations and payments.
IV Impact on performance and performance Indicators	This will be reported against indicator EDR061_9b.1b; Number of community organisations funded or supported through funding managed or administered by Community Planning and Regeneration.
V Relevance to Single Outcome Agreement	Older people are able to live independently in the community with an improved quality of life.

VI Resources - (Financial, Staffing and Property)	£29,000 agreed by the Council with £1,044.80 awarded to groups in Linlithgow
VII Consideration at PDSP	The Voluntary Organisations PDSP is updated annually.
VIII Other consultations	A similar report will be made to all Local Area Committees

D. TERMS OF THE REPORT

D.1 Background

Each year the Council approves the Pensioners' Groups Christmas Fund. In 2022-23 the total fund amounts to £29,000 which is allocated through an application process. Funding is paid out on the basis of a pro-rata allocation based on the beneficiary numbers identified by the applicants. In 2022-23 this saw 4 organisations representing 160 beneficiaries in Linlithgow Ward supported with an allocation of £6.53 per head.

D.2 Additional Meal Option 2022-2023

In 2020 and 2021, the council in partnership with the West Lothian Food Network, offered applicants the option of a pre-prepared chilled Christmas meal as an alternative to a direct grant award as a contribution towards the costs an event or activity, this option was offered again to applicants in 2022-2023. No applicants to the fund in Linlithgow ward, Livingston Wide or West Lothian Wide requested the meal option in 2022-2023.

D.3 Applications 2022-23

Officers contacted all previous recipients of the fund in Linlithgow Ward, Livingston Wide and West Lothian Wide by email or post to ask if they were intending to provide a service this year and if so would they be interested in the provision of a pre-prepared meal or would they prefer a direct grant payment.

Eleven groups in total were contacted in Linlithgow Ward, Livingston Wide and West Lothian Wide, of which 10 have applied to the fund and all have requested the finance as opposed to the meal option.

As a result of this work:

Linlithgow Ward

- Four groups in Linlithgow Ward were contacted and applied to the fund
- All four Linlithgow groups requested a grant payment

Livingston Wide

- One Livingston Wide group was contacted and applied to the fund
- The group requested a grant payment

West Lothian Wide

- Six West Lothian Wide groups were contacted and five applied to the fund
- One group, West Lothian Financial Inclusion Network, declined to apply to the fund
- One new group, Carers of West Lothian, was added to the West Lothian Wide list

- The additional group requested a grant payment
- In all, five West Lothian Wide groups applied to the fund and all requested a grant payment

All applicants to the fund will be supported.

As in previous years the fund is divided equally by the total number of beneficiaries of the fund, which in 2022-23 will see £6.53 per head allocated to recipients in the Linlithgow Ward, Livingston Wide and West Lothian Wide.

Appendix 1 shows the overall breakdown by ward, Livingston Wide and West Lothian Wide.

Letters and e-mails will be sent to groups advising them of the amount of funding they are to receive in a grant payment. Payments will be made directly to the bank accounts of groups using the BACs payment method.

E CONCLUSION

The report asks the committee to note the allocation of the Pensioners' Groups Christmas Fund in 2022-2023 and the continued inclusion of the pre-prepared chilled meal option this year.

The report advises of the allocations that will be made from the Pensioners' Groups Christmas Fund 2022-2023 to groups in the Linlithgow Ward, Livingston Wide and West Lothian Wide.

Letters and e-mails will be issued to groups advising them of the amount of funding they will receive in a grant payment. Payments will be made directly to the bank accounts of groups using the BACs payment method.

A satisfaction survey will be conducted with applicants in February 2023.

F. BACKGROUND REFERENCES

None.

Appendices/Attachments: Appendix 1 Pensioners Groups Christmas Fund Allocations 2022-23

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Elaine Cook

Deputy Chief Executive Education, Planning and Economic Development

1 November 2022

LINLITHGOW LOCAL AREA COMMITTEE**PENSIONERS' GROUPS CHRISTMAS FUND ALLOCATIONS 2022-2023****REPORT BY THE DEPUTY CHIEF EXECUTIVE EDUCATION, PLANNING AND ECONOMIC DEVELOPMENT**

Appendix 1: 2022-2023 Allocations to groups in the Linlithgow Ward, Livingston-wide groups and West Lothian-wide groups.

Linlithgow Ward Organisations

Group	Provision	Number of Beneficiaries	Amount Awarded
Bridgend Over 60s Group	Grant Payment	70	£457.10
Linlithgow Day Care Centre	Grant Payment	40	£261.20
Linlithgow Link	Grant Payment	30	£195.90
Springfield Carpet Bowling Club	Grant Payment	20	£130.60
Totals		160	£1,044.80

Livingston-Wide Organisations

Group	Provision	Number of Beneficiaries	Amount Awarded
Braid Health and Wellbeing (formerly Braid House)	Grant Payment	73	£476.69
Total		73	£476.69

West Lothian-Wide Organisations

Group	Provision	Number of Beneficiaries	Amount Awarded
Boghall Drop-In Centre	Grant Payment	120	£783.60
Carers of West Lothian	Grant Payment	30	£195.90
Society of St Vincent De Paul (Whitburn Conference)	Grant Payment	120	£783.60
SPARK (formerly Craigshill Good Neighbour Network)	Grant Payment	40	£261.20
West Lothian 50+ Network	Grant Payment	443	£2,892.79
Total		753	£4,917.09

Notes: Four groups in Linlithgow Ward were contacted and invited to apply to the fund. All four groups applied to the fund. One Livingston Wide group was contacted and applied to the fund. Six West Lothian Wide groups were contacted and five applied to the fund. One group declined funding. One new group was added to the list

DATA LABEL: PUBLIC



LINLITHGOW LOCAL AREA COMMITTEE

REPORT ON PROGRESS OF LOCAL PLANNING

REPORT BY DEPUTY CHIEF EXECUTIVE, EDUCATION, PLANNING AND ECONOMIC DEVELOPMENT

A. PURPOSE OF REPORT

The purpose of this report is to inform the Local Area Committee of progress on partner activities, locality planning and other activities within Bridgend and the ward.

B. RECOMMENDATION

It is recommended that the committee notes the report.

C. SUMMARY OF IMPLICATIONS

I Council Values	Focusing on our customers' needs. Being honest, open and accountable. providing equality of opportunities; developing employees; making best use of our resources; working in partnership.
II Policy and Legal (including Strategic Environmental Assessment, Equality Issues, Health or Risk Assessment)	Appropriate assessments will be carried out as required.
III Implications for Scheme of Delegations to Officers	None, although the report sets out a one-off delegate for the Head of Planning, Economic Development & Regeneration to approve and disburse grant funding in April 2021.
IV Impact on performance and performance Indicators	None.
V Relevance to Single Outcome Agreement	The proposal does not raise any matters of conflict with the single outcome agreement.
VI Resources - (Financial, Staffing and Property)	None.
VII Consideration at PDSP	None
VIII Other consultations	Community Organisations

D. TERMS OF THE REPORT

D.1 Background

The report updates the committee on the work of the Economic Development and the Community Wealth Building Team and its partners to support communities in Linlithgow, with a particular focus on the village of Bridgend, one of 13 areas covered by the local plans required by the Scottish Government as part of their Community Empowerment approach and reported through the Community Planning Partnership.

These areas were identified as priority areas due to being within the bottom 20% of data zones in the Scottish Index of Multiple Deprivation.

D.2 Partnership working in Bridgend

D2.1 Bridgend Partners Group

The Partners Group met in October and will start meeting on regular schedule. Updates are provided in D2.2 to D2.5.

It was also noted that the Community Wealth Team would be carrying out local engagement around local issues to update the local plan as well as the Community Planning Partnership Local Outcome Improvement Plan. It was also noted that Phase 2 of the Council 's Your Council Your Say consultation would be taking place through mid-October to mid-November.

D2.2 Linlithgow Young People Project (LYPP)

Over the summer programme 53 young people took part in one or more of the activities. Activities have returned to the regular cycle since the schools returned with the addition of the new café for parents on a Wednesday evening in the Mission Hall. This is being supported by the community worker from the Church of Scotland.

The September Bridgend Newsletter has been distributed to all houses in the village. A copy of the Newsletter is attached as an appendix for information.

D.2.3 1st Step Development Ventures

The Bridgend Eco-Hub was formally opened by the Provost on Wednesday, 10th August at the start of the Family Fund Day. The hub has expanded its opening hours and is now open at the following times:

- Wednesday: 11.00 to 13.30
- Thursday: 18:00 to 20:00
- Fridays: 11.00 to 13.30

They are currently in the process of recruiting a new coordinator and should have someone in place soon.

After some community consultation around activities that people would like them to develop from the hub a new line dancing class is being piloted every Monday from 13.00 to 14:00.

D.2.4 Playbase - Broxburn Family Centre

The project continues to support young families through the Stay and Play sessions for Bridgend parents/carers of babies, toddlers and pre-schoolers at the community centre. This is now being held on a Friday to align better with changes in Nursery time and the Primary School.

The project is funded by NHS.

D.2.5 Local Development Plan housing sites in Bridgend.

Two developers are looking at two sites in Bridgend for housing development this will include the opportunity for the community to be consulted as part of the process.

D.3 Community Connections

Community Connections has been introduced by West Lothian, Health and Social Care Partnership, residents from the Linlithgow ward areas of Newton, Philipstoun and Bridgend are able to attend the Community Connections drop ins which takes place every Thursday afternoon between 1pm and 4pm in Linlithgow Partnership Centre within the Library, to have a cuppa and chat. The sessions are open to anyone 16+ to provide quick and easy access to the right information at the right time. The aim of these sessions is to deliver direct in person support, information or guidance on topics such as benefits, employability, finances, housing, living well at home, social care, social isolation, support for carers or anything else of concern.

The aim is to support early intervention, allow people to self-manage their condition, hopefully preventing additional visits to health care professionals out-with the community or admission into hospital by highlighting alternative community sources of support. Community Connections is developing a directory to assist those managing long term health conditions including asthma, arthritis, coronary heart disease, chronic pain disorders, COPD, Parkinson's disease, strokes etc. and can be addressed by accessing the drop ins, a referral pathway can be set up. Those accessing the service will be contacted by the suitable person or agency. There will be no need to contact a call centre or have to try and navigate the internet to reach the right person for advice.

The drop-in sessions are agile and will evolve to respond to the changes in society. Currently the Social Security Personal Independence Payment (PIP) is being replaced by Adult Disability Payment, so to reflect this change, advisors from Social Security Scotland will be available on a fortnightly basis to assist with benefit applications or answer any concerns about the changes in payments. West Lothian Council staff from services including the Advice shop, Access-2-Employment, Housing, Social Work, Occupational Therapists and third sector partner Carers of West Lothian are also available at specific sessions to assist.

D.4 Business Gateway six month update

Council's Business Gateway team provides confidential and impartial support to residents looking to start-up in business, local firms, new and existing 3rd sector organisations and our major employers. All engagement with Business Gateway is client-led. Support is provided to individual clients and business owners/decision makers.

Business Gateway supports a diverse portfolio of existing and new start social enterprises in West Lothian. Support is tailored to the needs of individual organisations. The support includes advice in areas such as business planning, finance raising, grant and loan applications, property, community benefit leases, asset transfers, income generation, governance and sustainability. In addition, social enterprises are signposted to the wider network of support programs available both locally and nationally. Business Gateway also work closely with the West Lothian Social Enterprise Network to ensure network members receive the business support they need.

The key outcomes for the team include helping residents to start their own business, enabling local firms to grow in a sustainable and inclusive manner and providing a single point of contact for our strategic employers.

The vision and commitment of local people to start their own business, especially in such challenging economic circumstances since 2020, is commendable. Across West Lothian, the Business Gateway team supported 325 new start firms in 2021/22. These businesses created 407 new jobs. The main business sectors are personal, professional and local services. Around 20% of all early stage firms go on to take premises, employ staff and grow the scale of the business. New starts are worth over £10.5 million to the local economy every year.

The Business Gateway team also includes advisers who deal with existing, growing and relocating firms to West Lothian. The advisers provided direct support to 811 local firms in the financial year to end of March 2022. This included 41 social enterprises, 20 of whom operate across West Lothian. Our priority sectors include Life Sciences, Manufacturing, Engineering, Construction and enabling technologies. West Lothian firms engaged with us around new premises, new markets, recruiting/training, working capital, Research & Development, export regulation, digital marketing and carbon reduction projects. All against a background of macro-economic challenges including fears of recession, weaker value of sterling, rising inflation and interest rate pressures.

Council's Business Gateway advisers support firms who have combined annual sales in excess of £1.41 Billion per annum. While these businesses employ over 12,000 staff, this represents 15% of total jobs in West Lothian. However, the supported firms account for more than 30% of the annual gross value add (GVA) of the West Lothian economy.

As part of Council's long-term commitment to retain and attract the best businesses, and to grow our value-added sectors, a commercially-focused website, [Why West Lothian? - Invest in West Lothian](#) has been developed to highlight the range of support available for our local firms. It also promotes West Lothian as an inward/mobile investment destination. Our key inward investment partner is Scottish Enterprise (SE). We have built close and productive links with SE over the years. Their ongoing strategic investment in key firms has helped strengthen the West Lothian economy. Feedback from stakeholders is positive with work on-going to ensure the website remains credible, relevant and compelling. The site is responsive and details the range of support for our local firms, highlighting assistance with energy costs, options for low-carbon heating, managing cashflow and also help which is sector-specific [Find Business Support Launches: Cost of Doing Business Section \(investinwestlothian.com\)](#)

In the 6 months to September 2022, a further 12 new start businesses have been established in the Ward with the team's support. This is a healthy level of starts, especially in a strong jobs market with many vacancies. Over the same timescale, the Business Gateway team assisted 25 existing firms in the Ward who between them employ almost 140 staff and have sales of more than £19 million.

West Lothian	Linlithgow Ward
April – Sept 2022	April – Sept 2022
New Business Starts 134	New Business Starts 12
Existing Businesses Supported 363	Existing Businesses Supported 25

In summarising the work of Business Gateway, it is not all about sales and wider economic impacts. The business advisers have the trust of local people, working with

them to find solutions often in complex economic circumstances. The Linlithgow Local Area Committee is asked to note the team's ongoing contribution to a sustained and inclusive economic recovery.

D.5 Access 2 Employment six month update

Access2employment provides employability support to residents throughout West Lothian, via a presence in local Partnership Centres, DWP offices and community initiatives, such as Community Fridge's, schools and Health Hubs across West Lothian. Support is provided to residents who are both unemployed or who are in employment and seeking to improve their employment situation due to uncertain employment, low pay or limited hours worked impacting on them financially and making it hard to make ends meet, or those whose skills are under-utilised.

Support is provided one to one consultation's with clients and through the provision of a range of courses including one day specific courses to 6-week personal development and employability courses, Women n2 Work and Men n2 Work.

A2E's Employment Adviser's offer tailored support to assist clients achieve their individual goals, with the ultimate aim of securing sustainable employment, improved household financial security and upskilling opportunities.

From 1st April 2022 – 30TH Sept 2022, the service registered 419 new clients, 18 from Linlithgow Ward, with 229 progressing into a positive destination, six from the Linlithgow Ward. This support has been mostly been provided remotely during the year due to the pandemic, however employment advisers are now delivering a hybrid service in line with client needs, with 22/23 delivery being a mix of face to face and online.

The service delivered 8 online workshops, including 1 face to face Women N2 Work course and 3 Wellbeing Workshops. In total 61 residents attending workshops. In 21/22 the service supported Connecting Scotland by securing over 200 Chromebooks and internet connections to give to unemployment clients seeking work that currently did not have any digital connectivity.

The service continues to provide a weekly Vacancy Bulletin, promoting information on the latest local vacancies for West Lothian job seekers. The Vacancy Bulletin is emailed out to on average 1200 clients and 200 stakeholders and partners weekly and is widely shared. It is estimated that 1500 individuals view the Vacancy Bulletin weekly.

Since Oct 21, with funding from the Scottish Government Long Term Unemployed provision, A2E have supported over 50 individuals aged over 25 and who have not worked for more than one year to secure employment. This support builds on a range of targeted interventions currently available which includes dedicated support for young people to assist them progress towards employment and support for parents. During 2021/22 the team introduced two additional services to support parents who are currently unemployed or in work but in insecure employment and an intense family support programme based within Social Policy. This provision seeks to address the identified need for a whole family intervention approach to combat the complex issues the families that are engaging have presented with.

E CONCLUSION

Partners continue to support the communities in Bridgend and across the ward as set out in this report.

F. BACKGROUND REFERENCES

None

Appendices/Attachments:

Appendix 1 Bridgend Bulletin

Contact Persons:

Clare Stewart, Manager, Community Wealth Building;

Email: clare.stewart@westlothian.gov.uk

Douglas Grierson, Regeneration Team Leader,

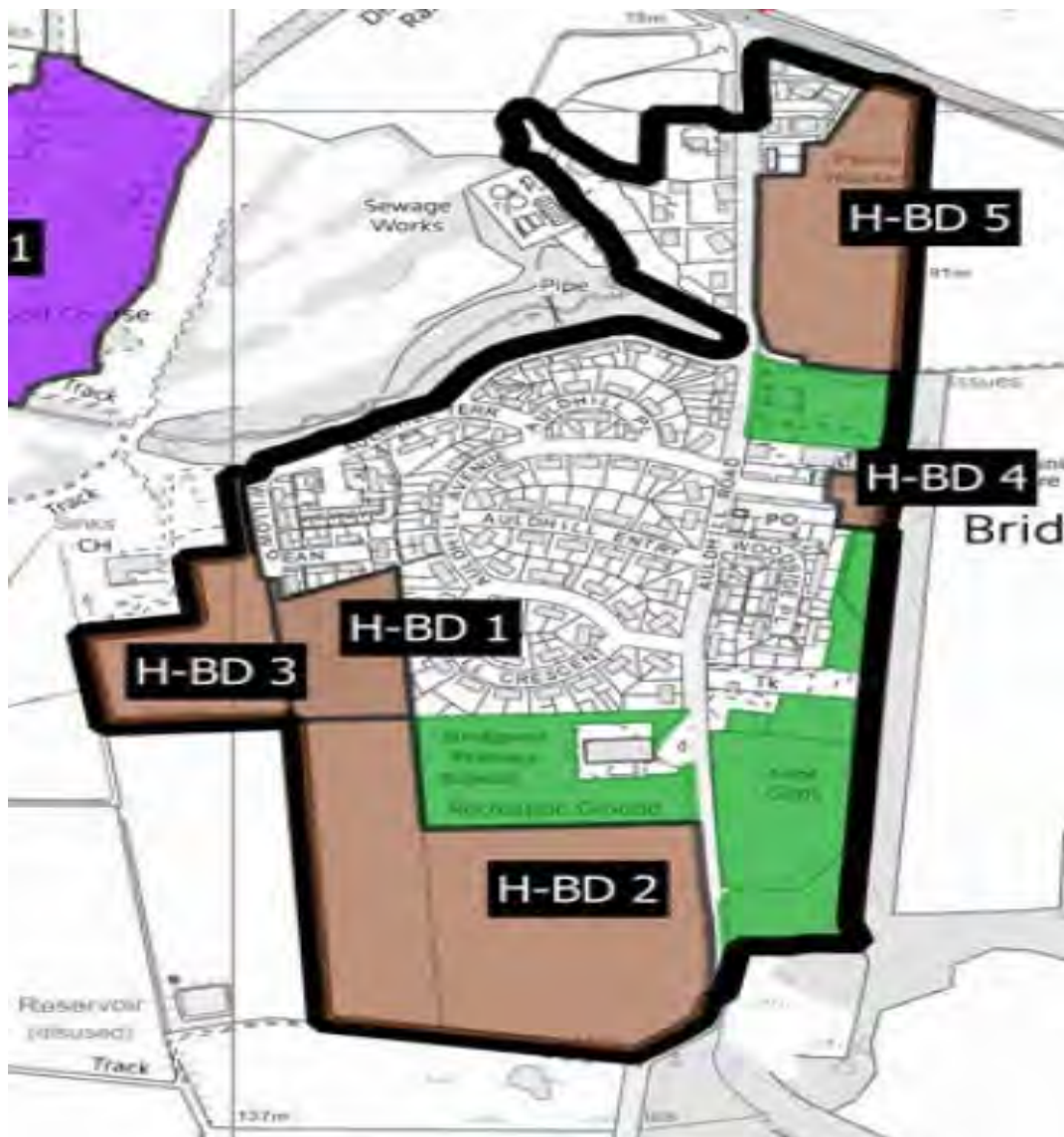
email douglas.grierson@westlothian.gov.uk

Elaine Cook

Deputy Chief Executive, Education, Planning and Economic Development

1 November 2022

Appendix 1



BRIDGEND COMMUNITY NEWSLETTER



FREE

Autumn 2022

Edition 8

WELCOME ALONG

Agenda Item 11

Hello and welcome along to the 8th edition of the Bridgend Community Newsletter, and as Summer turns to Autumn it's lovely to still have some warm weather hanging around for us to enjoy.

Over the past few weeks we have seen our news, social media feeds and lives dominated by the passing of the Queen, and the conversations which have surrounded her life and death. In listening to the unavoidable stream of interviews and reports, I was stuck by the fact that, despite a wide range of opinions being aired, there was a unity of agreement on one thing – that she served this country well.

Whilst none of us are likely to ever walk in the shoes of royalty with its privileges and pressure, we all have an opportunity, even if in a tiny way, to serve one another well. Even in a small village like Bridgend there are plenty of opportunities to put others first and use our talents and time for the benefit of others.

As you read this edition of the newsletter think about how your talents and skills can assist others, and how as a community, neighbours and friends, we can set a positive and welcoming example to one another and those who choose to live here.

Graeme Lacey
Bridgend Community Newsletter co-ordinator

Thank you to everyone who has made this 8th edition of the Bridgend Community Newsletter possible!

1st Step, Bridgend Community Centre, Bridgend Golf Club, Bridgend Parents Café, Bridgend Primary School, Linlithgow Community Development Trust, Linlithgow Young People's Project, NHS Lothian, Pardovan, Kingscavil and Winchburgh Parish Church, Playbase, Scottish Fire and Rescue Service, West Lothian Council, West Lothian Credit Union, and especially the young people of Bridgend.



The Bridgend Community Newsletter is produced by the young people of Bridgend with the support and assistance of Linlithgow Young People's Project.

If you would like anything included in future editions highlighting information or events for the village then please submit them to:



bcn@lypp.org.uk



LYPP Linlithgow



LYPP_lounge

Whilst we will do our best to include everything as you've sent it, we may need to adjust it by adding or subtracting pictures and editing the content to fit pages.

FIRSTLY, A THANK YOU

If you have someone to say 'Thank You' to, let us know by emailing bcn@lypp.org.uk or through Facebook.



KIERAN CAMPBELL

LYPP SESSIONAL WORKER

The young people, volunteers and staff would like to say a huge 'thank you' to Kieran Campbell as he moves on from his roles at LYPP and wish him all the best in the future. Kieran was first known to LYPP as a young person before joining the team in 2016 and has been a constant source of energy and enthusiasm to the team since then!

Bridgend Primary School

Agenda Item 11



Hello to you all from Bridgend Primary School!

We are delighted to have had a great start to the new session, with lots exciting activities, and learning going on in the classroom. In addition to this, we have also created some new, whole school experiences which are designed to help our children build their confidence and relationships with one another. In doing this each child can achieve their own personal successes while sharing in that of others.

To create these experiences we asked the children for their suggestions and heard that they would like more opportunities to learn outdoors as well as learning new skills. This has led to our new MOVE IT MONDAY taking place at the start of each week for the entire school! This is a chance to get together and start the week off in a fun, positive way. We have fruit, chat and music before our P5-7 Sports Leaders plan and implement an array of sporting activities outdoors. In the afternoon, Rob from Kids Gone Wild, is working alongside the teachers to plan whole school activities outdoors. Whilst we are starting in Bridgend village, we hope to plan trips out with the community to provide varying learning experiences, in varying environments.

In addition to this, we are building up our Masterclasses on a Friday. So far we have Baking, Sports, Sewing and Music. We are looking for more parents to get involved with this. So get in touch with me if you, or anyone you know could support us in this.

Lastly, thank you again to everyone for being so welcoming and supportive of myself as Acting Head Teacher. I look forward to working with you all during this session!

Mrs Jane Carr (Head Teacher – Acting)

DATE FOR YOUR DIARY

Our next family Outdoor Learning Event will be on Monday 3rd October at 1.30pm. Look out for more information being sent out soon!

The nursery children have been exploring their outdoor environment, collecting minibeasts and talking about how we look after them. They have found that most creatures seem to enjoy eating grass and leaves, but that they aren't so keen on water! We have been on an adventure walk towards Kingscavil Castle and discovered some huge hay bales. Some of the children even spotted monkeys in the trees!!!

P1/2 started this term with a pirate adventure and read the story 'Jake's First Day at School'. They have been following the ideas within the story, to learn through pirate play and have created their own treasure maps to find hidden treasure. In numeracy they are looking at numerals and in maths exploring directions. In literacy they are practising phonics, sight words and have been working on building their own pirate themed story.

P3/4 started the school term getting to know each other and discussing what they would like to learn about. They decided to learn about their environment and minibeasts, building bug hotels out of recycled material for them, using teamwork and their imaginations! In PE, we have been learning different skills through tennis and gymnastics and have loved showcasing these and learning how to do these safely.

P5/6/7 have been working hard this session developing skills for life, learning and work. They have been working on communication skills in Literacy, and leadership skills through supporting Mrs Carr with 'Move it Monday'! The P7's have been able to further develop their skills through buddy time. They have also focused on the UN Rights of the Child whilst they developed the class charter.

The Hub have enjoyed creating stop motion videos from planning the storyboards and scripts, to creating the backgrounds. The Hub were delighted to receive funding from the 'Inclusion and Well-being Fund' again, allowing them to continue working with 'Ponies Help Children'. This has allowed the children not only to learn how to control the ponies but also grow in patience, empathy and perseverance.



New Opening Hours!

Wednesdays..... 11-1.30

Thursdays..... 6-8pm

Fridays..... 11-1.30



On Wednesday the 10th of August at the Bridgend Family Fun Day, West Lothian Provost Cathy Muldoon officially opened the '1st Step ECO Hub' located within Bridgend Community Centre. The Hub is set to act as a base for '1st Step' to continue their work in providing support to families and individuals in the local area.



West Lothian Provost, Cathy Muldoon said:

"I'd like to thank 1st Step for inviting me along to their new Eco Hub facility. I was able to witness first hand the efforts of all staff and volunteers. Everyone involved must be commended for their tireless work and enthusiasm to support the most vulnerable in our communities in this very challenging period."

1ST STEP DEVELOPMENT MANAGER, MARIA THROP SAID:

Agenda Item 11

“WE HAVE HIGH HOPES FOR THE HUB IN THE FUTURE AND THAT LOTS MORE COMMUNITY DRIVEN ACTIVITIES WILL DEVELOP. ALREADY OVER THE SUMMER THE VOLUNTEERS HAVE HELD POPULAR HOTDOG FRIDAYS AND PROVIDED LOVELY PACKED LUNCHES TO LOCAL FAMILIES.”

“WE WOULD LIKE TO SAY A HUGE THANK YOU TO ALL THE LOCAL VOLUNTEERS THAT MAKE THE HUB POSSIBLE THROUGH THEIR ENTHUSIASM, ENERGY AND GREAT IDEAS!

Our work in Bridgend really brought to our attention some of the barriers that people can face living in the village particularly around the cost of transport to access local supermarkets. Because of this we explored ways of making our support sustainable and asked the Council if we might be able to set up an Eco-Hub from the Community centre. These discussions were successful and over the past few months we have been slowly piloting and developing the 1st Step Bridgend Eco-Hub.

Please also remember that 1st Step Bikes is continuing to offer free bike services and minor bike repairs. If you would like to book your bike in please just get in touch through Facebook or drop into the Hub and they will help you get an appointment.

To find out more information on 1st Step please contact Maria on
0759 739 2931 or firststepdevelopment@gmail.com

You can also find us on Facebook by searching for

‘1stStepcafeandbikes’



Over the summer we were sad to say goodbye to Stacey as she changed her role to managing our outdoor nursery, 'Wonder Woods'. We are looking forward however to introducing Gemma to all our families in October when she starts!!

Don't forget our 'Stay and Play' sessions are back on after the summer break each Friday from 11 until 1pm at the community centre!

This session we are also delighted to be working alongside Bridgend Nursery and kick start 'Zippy Kids'. We hope to restart our activities for older Primary Kids soon so listen out for more info coming!

**What do you get
if you eat too
many sweets at
Halloween?**



Autummy ache!



**What's the scariest
item of cutlery?**

A spoonoon!

Think you can do better?
Send them to us at
bcn@lypp.org.uk



01506 436 666

info@westlothiancreditunion.co.uk

www.westlothiancreditunion.co.uk



West Lothian Credit Union is a not for profit organisation offering affordable financial services in the form of savings accounts and low-cost loans to its members. We are a responsible lender which means we will never knowingly lend without giving due consideration to an individuals personal circumstances.

We have a range of loans to meet all members requirements which can be found on our website alongside our loans calculator. Applying is easy either online, or by calling us where we will send out a paper application. We will also consider loan consolidation requests where multiple loans are brought into one easier repayment. (Terms and conditions apply).

Bridgend Parents cafe

The Bridgend Parents café is back on Wednesday nights between 6 and 8pm in the Bridgend Mission Hall and we can't wait to meet you all again!

Come in and join us for a FREE cake, coffee, warmth and some informal chat while your young person is at the LYPP activities in the Community Centre.

Agenda Item 19
Sally Pattle is one of the new councillors whose remit covers the Linlithgow and Bridgend area and is interested to hear about any local issues from those in the community.

Sally will be holding informal surgeries at the Parents Café for anyone to chat to her on the following dates, and looks forward to meeting you then.

Wednesday 5th October

Wednesday 9th November

Wednesday 7th December



Pardovan, Kingscavil & Winchburgh Parish Church



Before the summer we partnered with LYPP in trialling a new Youth Club in Winchburgh for those of secondary age. We're pleased to say that this trial was successful and we are looking to continue this club on a more regular basis beyond the October break. When we're ready to get started again LYPP will post more information on their social media.

As you know, for the past few years we have been unable to meet in the main Winchburgh church building however we are delighted to say that repair work has now started and we hope this will be completed so that we can welcome you back in to the building for our Christmas services.

For more information on our services or for support please contact:

Rev. Derek Henderson at 01506 844787
or by emailing dhenderson@churchofscotland.org.uk

Bridgend Community Centre

Agenda Item 11

The Community Centre has had a busy summer supporting several events in the community such as the opening of the Eco Hub, lunches for local children, activities with LYPP & the community fun day. Our thanks goes out to all involved in arranging these programmes!

As we come into the autumn we are looking forward to some new classes starting at the centre and welcome back those returning – please see below our updated programme!

TUESDAYS

6:30 – 7:30PM FORREST YOGA & SOUND HEALING

WEDNESDAYS

11 – 1:30PM	1ST STEP ECO-HUB
6 – 6:50PM	LYPP P1-4 ACTIVITIES
7 – 7:50PM	LYPP P5-7 ACTIVITIES
8 – 9PM	LYPP S1+ ACTIVITES

THURSDAYS

6 – 8PM	1ST STEP ECO-HUB
7 – 8:30PM	TOPCLASS RINGCRAFT

FRIDAYS

11 – 1:30PM	1ST STEP ECO-HUB
11 – 1PM	PLAYBASE 'STAY AND PLAY'

SUNDAYS

10:30 – MIDDAY TOPCLASS RINGCRAFT

The centre is available to hire for commercial lets and private events from £10 per hour. To enquire about using the centre or for further information on the above activities please contact us by emailing: julie.witherwick@westlothian.gov.uk

Community Connections

Agenda Item 11

COMMUNITY CONNECTIONS IS A SIGNPOSTING AND ADVICE SERVICE THAT HELPS CONNECT PEOPLE TO THE SUPPORT THEY NEED.

Community Connections is available to anyone needing help to finding the support they need. Staff and volunteers will listen to whatever issue each person faces and will help direct them to get the help they need.

Community Connections is run by West Lothian, Health and Social Care Partnership for residents of Linlithgow, Bridgend, Newton and Philipstoun. It's run every Thursday afternoon between 1 and 4pm in the Linlithgow Partnership Centre within the library and all are welcome to attend for a cuppa and a chat. These sessions are designed for anyone, aged 16 and over to gain access to the right information quickly and easily.

Could you, or someone you know benefit from FREE guidance and support on a range of topics from benefits, caring, finances, employability, social care, housing, PiP, social isolation or anything else? If so we'd love to meet you!



If you live in West Lothian and are affected by cancer you could benefit from an innovative new support service. Macmillan Cancer Support and West Lothian Council are working together to help people affected by cancer access a wide range of support, including benefits advice, help at home and emotional support.

For more information you can contact 07977 307 286 or 07929 784315 or email loth.icj@nhslothian.scot.nhs.uk

"The help and support has been priceless.
At the time when we were both at our lowest, it
showed us light"



This summer we had an amazing programme for young people to take part in and we were delighted to see 53 young people join us from Bridgend. Within our summer programme we ran 26 separate events for those in Bridgend, not including our regular Wednesday night football sessions. From our inflatable fun in the park, to Innoflate, Lasertag and Silversands beach for those of Primary age, to Rock Climbing, Gorge Walking, and Inchcolm Island with those of Secondary age we saw young people step out of their comfort zones and push themselves to try something new. We even saw those who attended our BIG Art Project create a model of Bridgend that they were proud to display at the Community Fun Day!

From attending our summer programme we found the following:

Primary aged young people

rated their trips 4.6 out of 5

77% felt it was positive
for their mental health

85% felt happier

85% felt more active

92% felt more positive about life



Secondary aged young people

rated their trips 4.7 out of 5

62% felt it was positive
for their mental health

84% felt happier

82% felt more active

56% felt more positive about life



Now that the summer has left us we're delighted to be continuing with our partnership work in Bridgend Primary School running after school clubs, games clubs, and mentoring. We're also pleased to say our small group work for those of secondary age has relaunched whilst our regular Wednesday evening activities for the three age groups continues to grow.

For more information on LYPP and any of our events please contact:



LYPP Linlithgow



LYPP_lounge



mail@lypp.org.uk

Become Energy Savvy!

Agenda Item 11

Tips from Linlithgow Community Development Trust

We all know energy costs are crazy right now, but did you know there are some simple measures we can take to lower those energy costs. Every home and family will be different and have different needs however here are some top tips to try!

Heat yourself before you heat your home!

- Wear several thin layers of clothing (not just one big jumper) as this creates air pockets that traps your heat between them.
- Don't forget to keep your toes, fingers and head warm as this is often where we feel the cold first so keep slipper socks, gloves and hats handy!



Heat your home efficiently and don't waste the heat you've paid for!

- Stop heat escaping and don't leave your doors and windows open unnecessarily.
- Know how your heating system/boiler works and ask others if you're unsure – don't assume it's running efficiently.
- Look for cold spots or drafts. Buy or make draft excluders for the main door, and put rugs on open floorboards.
- Use curtains to help keep the heat in at night and open them during the day to capture the sun's warmth.

Go hunting and find those energy hungry appliances!

- Switch off or unplug appliances, chargers and consoles when not in use. TV's, Microwaves and Games Consoles can use more energy than you think even when they're not turned 'on'.
- Wash clothes at a cold temperature and wait until you have a full load ready before using the washing machine. Try and dry clothes outside if you can to avoid using a tumble drier.
- Only fill the kettle with as much water as you need to avoid wasting energy on boiling water you're going to let cool.



Autumn COMPETITION!



This edition's competition involved young people redesigning the front cover of a book they know or, creating a fictional book and designing it's cover. This time we enlisted the help of Sally, owner of the 'Far from the Madding Crowd' bookshop in Linlithgow, to choose our winner. As always we've had some fantastic entries and we've had a great time listening to the young people explain the stories behind their fictional books!

Sally was excited to chose Faith Morrin as our winner and said:

"...it was a really difficult task as they all brought a smile to my face. I chose the winner however as I loved the imagery, and the cover made me want to know what adventures the big white dog got up to!"





BRIDGEND GOLF AND FOOTGOLF

Hosting a night of live music!
Sat. 22nd October - from 8pm

Presenting BIPHONIC

🎵 **A dynamic duo playing a set filled
with hits from the decades** 🎵

Warm up set by a young and talented musician - Emma Paterson

Closes at midnight - last orders 11:30pm - last food orders 7pm



Current Opening Hours

**Everyone welcome for
FootGolf - Food - Drink
or just to say hello**

We are delighted to be here in Bridgend
and would like to thank the locals
we have met so far for their support

FootGolf

Closed Mondays

Tuesday to Friday - Tee Times from 10am

Saturday & Sunday - Tee Time from 9am

Golf

The golf is currently closed
however will reopen in 2023
as a 9 hole par 3 course

Club House

The lounge/bar is open weekends only
Food served from 10am
Last orders 5:30pm

📞 01506 531003



www.bridgendgolfandfootgolf.co.uk



Have a great bonfire and fireworks night Agenda item 11 but don't forget

The Scottish Fire and Rescue Service's advice is to attend a safely organised bonfire and fireworks display. However if you must have a bonfire or fireworks at home follow these important rules:

- Fire and alcohol don't mix! Do not go near bonfires or fireworks whilst under the influence of alcohol.
- Make sure bonfires are well away from buildings, trees, overhead wires and fences. Ensure fires are completely extinguished before leaving them and never throw fireworks, flammable liquids or pressurised containers on a bonfire.
- Only buy fireworks with the CE mark and keep them in a closed metal container away from naked flames. Never return to a firework once lit – even if it's not gone off. Don't set off after 11pm!

Fireworks, bonfires and the Law.

It is an offence to light a fire in a public place that may endanger another person, or property OR give them cause for alarm or annoyance.

It is an offence to set off a firework in a public place or for anyone under 18 to possess a firework in a public place.

If you are concerned you can contact:

CrimeStoppers.

0800 555 111

100% anonymous. Always.



Linlithgow Local Area Committee Workplan November 2022

ISSUE		LEAD OFFICER	MEETING DATE
Standing Reports			
1	Police Ward Report	TBD	All meetings
2	Fire Scotland Report	Paul Harvey	All meetings
3	Housing, Construction and Building Services	Phyllis McFadden	All meetings
4	Nets and Land Services Update	Andy Johnston	All meetings
5	Locality Regeneration Update	Douglas Grierson	All meetings
Other Items			
1	Pensioners Christmas Treat Allocation Final	Douglas Grierson	November 2023
2	Advice Shop Annual update	Christopher Nelson	November 2023
3	Vennel Update	Robert Smith	TBD



LINLITHGOW LOCAL AREA COMMITTEE

NEWTON VILLAGE – TEMPORARY TRAFFIC MANAGEMENT TRIAL

REPORT BY HEAD OF OPERATIONAL SERVICES

A. PURPOSE OF REPORT

The purpose of this report is to provide the Local Area Committee with an evaluation of the trial traffic management scheme on the A904 through Newton village which was undertaken in June 2022.

B. RECOMMENDATION

It is recommended that the Local Area Committee note the contents of this report and agrees that the trial showed no discernible traffic benefits and is it therefore not proposed to install any permanent traffic management features on the A904 through Newton village at this time.

C. SUMMARY OF IMPLICATIONS

I	Council Values	Focusing on our customers' needs; being honest, open and accountable and working in partnership.
II	Policy and Legal (including Strategic Environmental Assessment, Equality Issues, Health or Risk Assessment)	Not applicable.
III	Implications for Scheme of Delegations to Officers	Not applicable
IV	Impact on performance and performance Indicators	Not applicable
V	Relevance to Single Outcome Agreement	Not applicable
VI	Resources - (Financial, Staffing and Property)	None.
VII	Consideration at PDSP	None.

D. TERMS OF REPORT

D.1 Background

On 24 August 2021, the Linlithgow Local Area Committee noted a report in relation to the ongoing traffic concerns raised by Newton Community Council. As part of this report it was agreed that officers would work with the Community Council to bring forward plans to assist in addressing the traffic concerns through the village. On the 1 March 2022 a further report was agreed by the Local Area Committee which supported the promotion of a temporary trial traffic management scheme to determine if any suitable traffic management could address the communities' concerns.

The trial traffic management scheme was subsequently put in place for six weeks between 30 May 2022 and 10 July 2022. This report concludes the findings from that trial.

D.2 Trial traffic management scheme

The A904 route which runs through Newton would not be suitable for the installation of vertical traffic calming features and therefore a scheme layout using horizontal traffic calming features was agreed. This trial traffic management scheme was in the form of a priority traffic build out at each end of the village. The approved trial traffic management scheme that was installed is shown in Appendix 1. The signage that was used to complement the trial traffic management scheme is shown in Appendix 2.

Independent traffic surveys were carried out in the village before the scheme was introduced between 23 and 29 May 2022 and during the trial period between 23 and 29 June 2022. The locations of the survey points are detailed in Appendix 3.

The volume and speed data that was collected is provided in Appendix 4 which also shows comparisons of the data before and during the trial. From this information that was gathered there was no considerable change to the volume of traffic through the village and the percentage of heavy goods vehicles (HGV) has also remained similar before and during the trial.

Traffic speeds did show a reduction particularly over sites 3, 4 and 5, however this is due to the queuing and congestion that was caused by the trial traffic calming features that were installed for the trial.

The existing traffic signals are designed to revert to red in the absence of vehicle demands with a delay to a green signal on approach to try and help slow down speeding vehicles. Temporary trials were carried out in relation to altering the existing traffic signal phasing and whilst minor alterations could be developed, indications were that any changes to timing and phasing would cause significant and unacceptable traffic congestion through the village.

Monitoring of queue lengths during the trial showed that in a westbound direction there were queues which took approximately 30 minutes to get through the village. In an eastbound direction the queues were shorter and took approximately 15 minutes to get through. Such congestion was not considered acceptable for any proposed permanent measures.

Additional comments were received by the Community Council. The details of these comments are provided in Appendix 5.

Throughout the trial a number of enquiries and complaints were received by the Council. A summary of these enquiries and complaints is provided in Appendix 6.

D.3 Trunk road data and communication

Data has been collected from the two sites on the M9 motorway network, at Junction 1A, for the same period as the traffic count data collected on the A904 before and during the trial. The permanent data collection site locations are shown in Appendix 7.

		Site NTCO1271	Site NTCO1274
May 2022	Total Vehicles	6466	7496
	Total HGV's	2237	2256
June 2022	Total Vehicles	6804	9443
	Total HGV's	2422	2730

Summary of data collected

From this information it can be seen that there has been an apparent increase in both total number of vehicles and the number of HGV's, however given that the number of vehicles and HGV's remain virtually the same on the A904 it is unlikely that these increases are due to traffic diverting from the A904. This can be determined by the comparison of the volume data shown in Appendix 4. It is likely that due to the commencement of the summer holiday period and additional traffic/road maintenance on the road network could be the reason for these increases from May to June.

It was agreed that prior to commencement of the traffic management trial officers would discuss these proposals with the trunk road operator to determine if existing motorway variable message signs could be considered to encourage vehicles to remain on the M9 and M90 and not using the A904. This was considered but was not carried out as should the trial traffic management scheme be made permanent, these signs would not be used to re-direct traffic. Approved Transport Scotland motorway messaging remained visible throughout the trial period.

D.4 Traffic Noise Survey and Air Quality

An environmental noise impact assessment was commissioned as part of the trial to measure and predict baseline road traffic noise along Main Street in Newton. A copy of the full independent report is provided In Appendix 8.

Due to the detailed information collected in this report, officers are reviewing the information and will provide an update at a future Linlithgow Local Area Committee.

Unfortunately the air quality monitoring station in Newton village was out of commission during the trial period and the whole data monitoring station has since been replaced, therefore there is no data available as part of this trail.

D.5 Community Council update

A meeting was held with the Community Council on the 21 October 2022 to discuss the outcome of the trial traffic management scheme. It was accepted that the trial traffic management scheme made no difference to the volume or types of vehicles travelling through the village, however traffic speeds were reduced.

The Community Council raised concerns with regard to the operation of the existing traffic signals in the centre of the village and subsequently discussions took place with officers. The existing operation of the signals were discussed in detail and further options will be forwarded to the Community Council for consideration in due course.

E. CONCLUSION

The aim of the trial traffic management scheme between 30 May 2022 and 10 July 2022 was to determine if the number of vehicles, particularly heavy goods vehicles, was reduced should the appropriate traffic management be installed on the A904 through Newton village.

The traffic data in Appendix 4 shows that the volume of traffic and percentage of HGV traffic has remained similar before and during the trial. Although speeds show a reduction in three sites, this was due to the queueing and congestion caused by the traffic management scheme.

Overall, it is concluded that the trial was unsuccessful in its main aims and it is therefore not proposed to make this scheme permanent, however further investigation will be carried out with regard to the noise information collected and a report will be brought back to the Local Area Committee with the findings.

F. BACKGROUND REFERENCES

Linlithgow Local Area committee report 24 August 2021 at:

<https://coins.westlothian.gov.uk/coins/viewDoc.asp?c=e%97%9Di%90m%80%88>

Appendices/Attachments:

Appendix 1 – Temporary traffic management proposals

Appendix 2 – Traffic Management Scheme Signage

Appendix 3 – Locations of Traffic Survey Sites

Appendix 4 – Traffic Data Comparison before and during trial.

Appendix 5 – Feedback from Community Council

Appendix 6 – Summary of enquiries and complaints.

Appendix 7 – Locations of M9 traffic data collection sites

Appendix 8 – Noise Survey Report

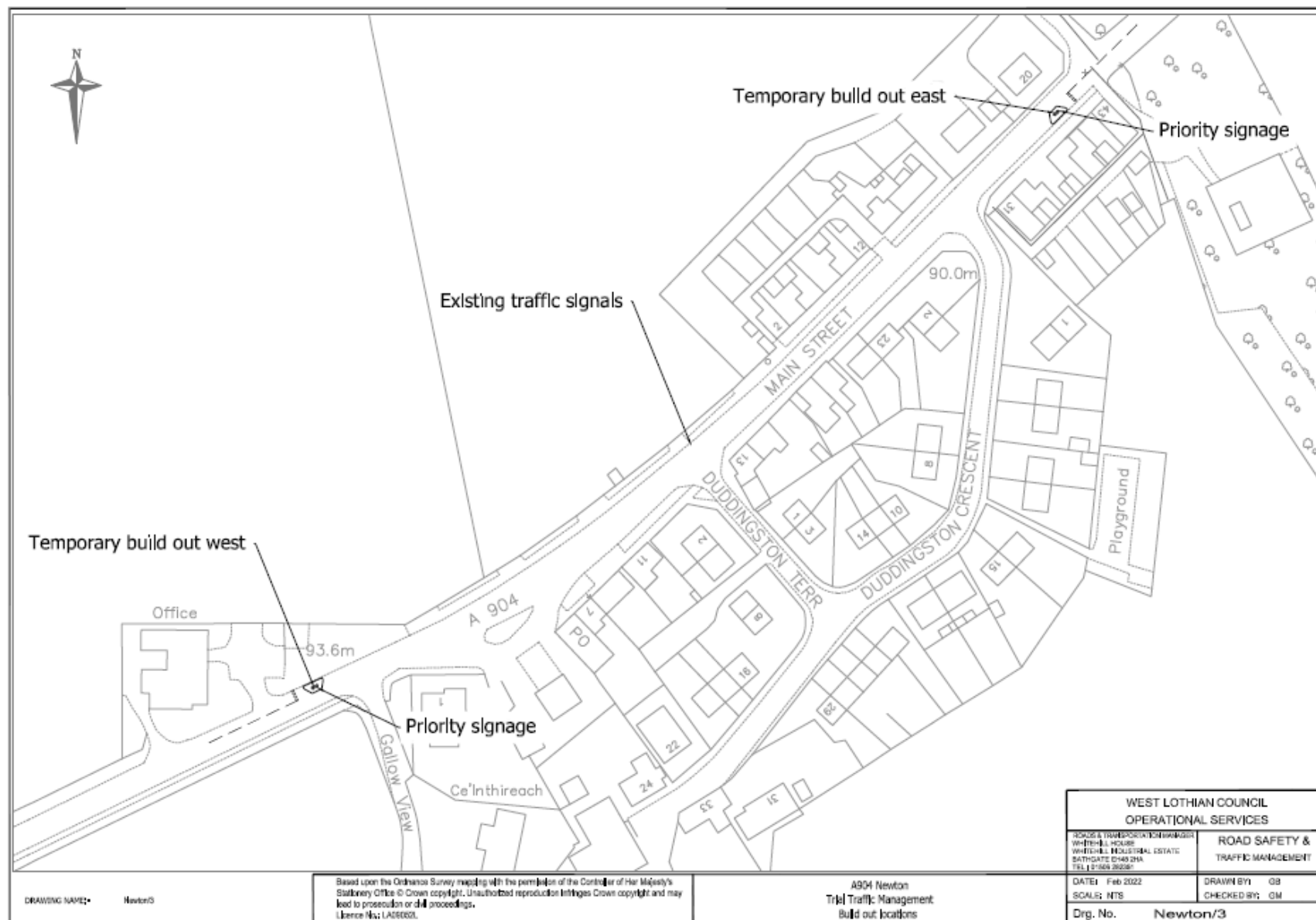
Contact Person: Gordon Brown, Roads and Transportation Manager, Operational Services.

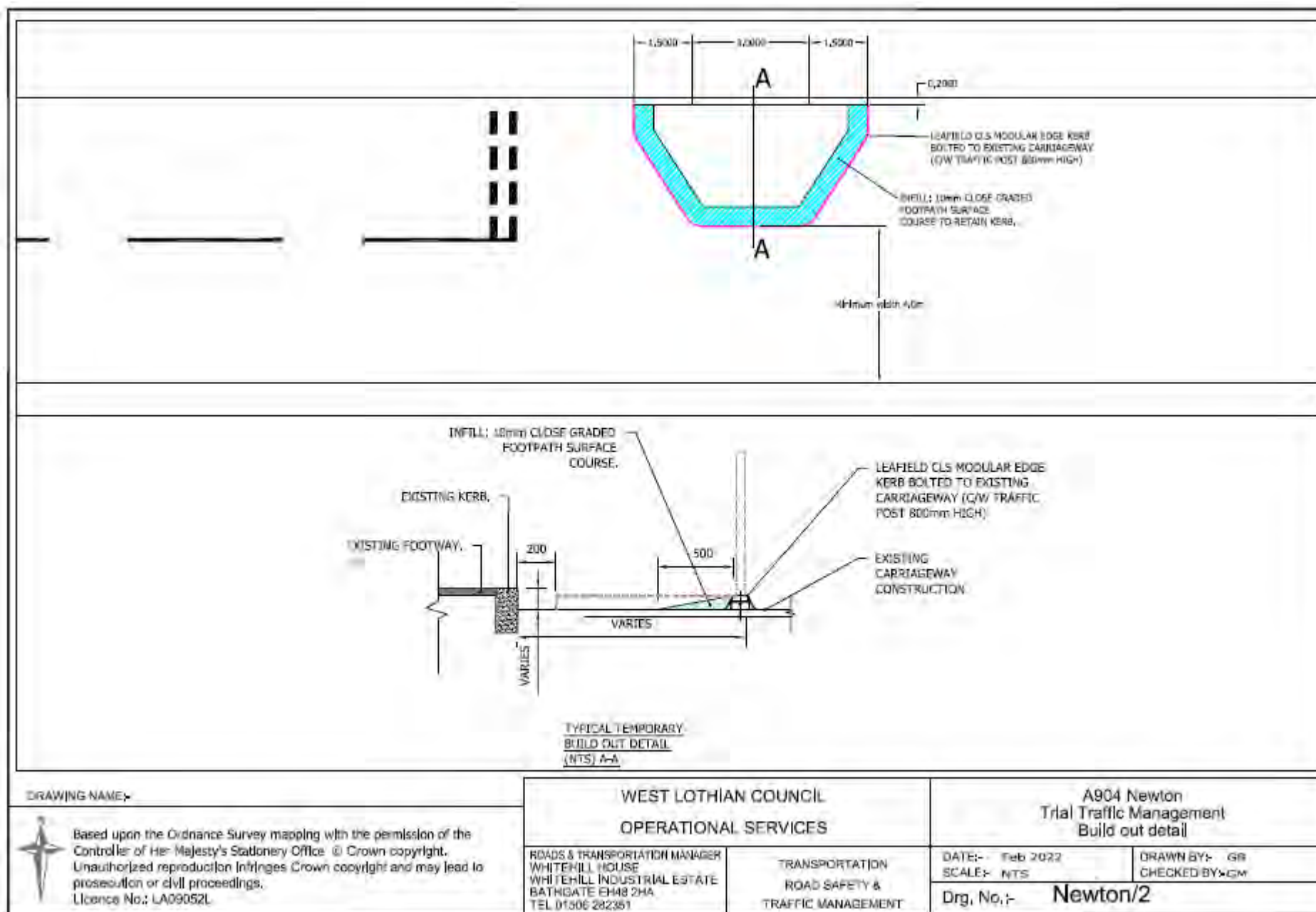
Email: Gordon.Brown@westlothian.gov.uk

Jim Jack, Head of Operational Services



Date: 1 November 2022


APPENDIX 1 – TEMPORARY TRAFFIC MANAGEMENT PROPOSALS





APPENDIX 2 -TRAFFIC MANAGEMENT SCHEME SIGNAGE

 <p>Priority over oncoming vehicles</p>	 <p>Give way to oncoming vehicles</p>	<p>A 904 Newton experimental traffic management scheme from X June to Y July 2022. Use M9 M90 motorway</p> <p>A 904 Newton experimental traffic management scheme from X June to Y July 2022. Expect delays</p>	<p>A 904 Newton Experimental traffic management Expect delays</p>	<p>A 904 Newton Experimental traffic management Consider alternative route</p>
<p>Proposed priority signage to be installed at each of the two temporary build outs.</p>		<p>Examples of temporary information signs that will be erected.</p>		

<p>DRAWING NAME:-</p>  <p>Based upon the Ordnance Survey mapping with the permission of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorized reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Licence No.: LA090521.</p>	<p>WEST LoTHIAN COUNCIL OPERATIONAL SERVICES</p> <p>ROADS & TRANSPORTATION MANAGER WHITEHILL HOUSE WHITEHILL INDUSTRIAL ESTATE BATHGATE EH48 2HA TEL 01506 282351</p> <p>TRANSPORTATION ROAD SAFETY & TRAFFIC MANAGEMENT</p>	<p>A904 Newton Trial Traffic Management Proposed temporary signage</p> <table border="1"> <tr> <td>DATE:- February 2022</td> <td>DRAWN BY:- GB</td> </tr> <tr> <td>SCALE:- NTS</td> <td>CHECKED BY:- GM</td> </tr> <tr> <td colspan="2">Org. No.:- Newton/1</td> </tr> </table>		DATE:- February 2022	DRAWN BY:- GB	SCALE:- NTS	CHECKED BY:- GM	Org. No.:- Newton/1	
DATE:- February 2022	DRAWN BY:- GB								
SCALE:- NTS	CHECKED BY:- GM								
Org. No.:- Newton/1									

APPENDIX 3 – LOCATIONS OF TRAFFIC SURVEY SITES

Speed survey locations on the A904 through Newton working east to west.

Location Reference	Description
1 (18A)	A904 east of Newton at the 300 yards countdown sign
2 (19A)	A904 at Newton boundary and 30/50mph gateway signage
3 (19B)	A904 after the boundary signs at the steading next to lighting column GU212.
4 (20A)	A904 before high friction surfacing approaching the traffic signals
5 (21A)	A904 at bus stop – tubes through the word BUS to reduce bus wheels stopping on the tubes
6 (22A)	A904 at the 30/40mph speed limit change
7 (23A)	A904 at the lighting column GU191

APPENDIX 4 – TRAFFIC DATA

The data contained in this table is a comparison between the before trial data (23-29 May 2022) and the data collected during the trial (23-29 June 2022). There were 7 sites where data was collected and these locations are detailed in the previous Appendix 3 with their site reference detailed (18A) etc.

There are two sets of data provided for each site, the total 7 day traffic data and the total data broken down to the time period between 7pm and 7am.

	23 – 29 May 2022					23 -29 June 2022			
Site	Average Traffic Flow	Mean Speed (mph)	85%ile Speed (mph)	% HGV		Average Traffic Flow	Mean Speed	85%ile Speed	% HGV
1 (18A)	93105	40.0	45.5	16.04		92820	40.0	45.5	15.97
(7pm-7am)	2120	43.3	49.4	15.68		2148	43.3	49.4	15.38
2 (19A)	93105	32.5	38.9	15.46		93207	32.5	38.9	15.56
(7pm-7am)	2126	36.2	43.5	14.32		2157	36.1	43.3	14.51
3 (19B)	92526	28.5	35.2	17.23		92676	16.8	21.7	17.34
(7pm-7am)	2139	32.8	40.4	16.48		2177	18.7	23.9	16.40
4 (20A)	94440	28.5	35.1	13.47		94731	17.3	22.3	13.42
(7pm-7am)	2161	32.7	40.2	11.33		2209	19.5	24.8	11.58
5 (21A)	95628	24.0	29.7	10.66		95550	14.8	19.4	10.63
(7pm-7am)	2218	26.9	33.1	10.05		2244	16.3	21.3	9.53
6 (22A)	92084	31.4	37.7	17.27		91980	31.4	37.6	17.27
(7pm-7am)	2078	35.3	43.0	16.47		2094	35.2	42.9	16.93
7 (23A)	96016	39.2	46.1	14.22		95726	39.1	46.1	14.38
(7pm-7am)	2207	43.5	50.9	12.10		2272	43.4	50.5	12.46

APPENDIX 5 – ADDITIONAL FEEDBACK PROVIDED BY THE COMMUNITY COUNCIL

These additional comments below were provided during the trial by the Community Council which they received additionally from the residents and the public.

When you buy a 3 or 4 bedroomed house in Main Street, Newton, chances are there are likely to be more than just a couple living in the house. A young married couple looking for such a house can purchase one in Main Street for less than a similar home away from a busy road. Then perhaps children come along and parents become worried about how the traffic may affect their family, so it would be fair to say that these people did not have the foresight to see what they were getting into and then start complaining. Some members of Newton Community Council seem to me to be in such a position.

I have been living in Main Street Newton since 2006, just before I moved in, Main Street had been resurfaced and traffic, which was much lighter than now passed through without creating too much noise. Over the years the road has been opened up for repairs and installation of various streetlights, water mains repairs and the laying of new electrical cables. Some of the reinstatements of the road surface have been of a poor standard and more patching has been done especially in the vicinity of drain and valve covers. The result is that there is now much undulation, pot holes and cracking in all directions, resulting in much banging from vehicle suspensions and structure, especially tipper trucks, articulated trucks and petrol tankers.

The east end of Main Street is perhaps the worst affected in the village.

Newton Community Council do not produce much in the way of minutes which during my time on the Comm Council were posted on the village notice board. I only learned that The Community Council had been lobbying for mitigation a week or two before the public meeting and only then through word of mouth. I attended that meeting and was allowed 10 minutes to say a few words against having a build out installed directly opposite my house. It seemed to me that the C.C. already made their minds up that it was going to happen no matter how many dissenting voices were heard that evening, and, there were more than just me. The council chairman assured us all that this mitigation was not set in stone and options were still up for discussion. It came to pass that within a few weeks the build outs were installed.

So, it was now set in stone that instead of 5 to 6 thousand vehicles a day passing my house on the north side of Main Street I was going to have 10 to 12 thousand with all the associated noise, pollution, vibration, sounding of horns etc.

I contacted someone from W.L.C. roads maintenance it may have been [REDACTED] and explained what was going to happen and made a plea to have some repairs done with a view to reducing bumping and banging. Sure enough a spray on tar with grey stone chips was applied to the road surface at the east end of Main Street just prior to the installation of the build out which did make a difference for a while but not enough to prevent plaster board joint splitting in my master bedroom due to additional vibration. Due to the warm weather and the doubling of traffic on the north side of Main Street the temporary repair has not lasted well and I am back to much banging and vibration.

The Community Council sent out questionnaires at the conclusion of the mitigation trial with, in my opinion, loaded questions on how well or otherwise the trial period went. It will be interesting to see how people who are living within the community council area but can be around a half mile away from Main Street, and perhaps don't use Main Street much can have a meaningful opinion.

I can safely tell you that at least 5 households living within 60 metres of the east most build out were not content with the mitigations.

At least two of the community council members live at No's 37 and 39 Main Street with their main doors adjacent to the east build out. Since the build out removed 5 to 6 thousand vehicles a day away from their frontage and consequently would have reduced the banging and vibration affecting their homes you won't find it a surprise that they are 100 per cent in favour of the trial and will no doubt say that traffic was reduced.

The only problem with their figures is that they asked villagers to comment on a period of time when the schools were on holiday and my research has shown that during school holidays, traffic is reduced by 12 to 15 percent anyway.

APPENDIX 6 – SUMMARY OF ENQUIRIES AND COMPLAINTS

Enquiry	Number	%
General enquiry	19	61%
Stage One Complaint	10	32%
Stage Two Complaint	2	7%
Total	31	100%

Throughout the duration of the trial members of the public raised complaints and enquiries. As shown in the above table there was a total of 31 with 10 of them going through the council's complaint procedure as Stage One complaints. From the 10 Stage One complaints two them were escalated to Stage Two of the council's complaint procedure which were investigated and formally responded to within the required timescales.

The majority of the enquires raised the similar issues. Mainly that the trial scheme was causing unnecessary congestion and increased travel times. Another common issue that was highlighted in the enquiries was the impact that the additional congestion was having on air pollution through the village as vehicles would be idling whilst waiting in the queues for long periods of time.

It was also stated numerous times that the build outs were impacting road safety, as frustrated motorists would ignore the give way signs resulting in near misses as they passed the build outs. Whilst issues of this nature are caused by inconsiderate driving behaviour, there were no formal reports received of any road traffic accidents during the trial period.

Based on the correspondence received, a recurring theme was that the public had a negative view of the trial and did not support it.

APPENDIX 7 – LOCATIONS OF M9 TRAFFIC DATA COLLECTION SITES

The two sites shown below are permanent traffic data collection sites that are installed on the M9 motorway at junction 1A. This data is collected and managed by BEAR Scotland and the data has been collected from sites NTCO1271 and NTCO1274.



APPENDIX 8 - NOISE SURVEY REPORT

Paul Pacitti
Newton Community Council

By email

Dear Paul

Environmental Noise Impact Assessment Main Street Newton

I refer to your instruction to conduct an environmental noise impact assessment to measure and predict baseline road traffic noise along Main Street Newton. The dwellings along this road (A904) are typically one or two storey, some of which are very close to the carriageway. Your Community Council is seeking an objective assessment to quantify how noise from road traffic on the A904 affects the local environment. I understand that the noise surveys conducted by Airshed and our appointed sub-contractor (for the ATC survey) followed the introduction of the recent traffic calming measures. This letter report presents the results from these surveys and seeks to provide an objective assessment of the likely benefits from the traffic calming measures in terms of noise.

Airshed conducted noise measurements at three locations along the road within Newton village between 26th May and 2nd June 2022. The locations of these sites are shown in Figure 1 attached. Baseline Sites 1 and 2 were selected in consultation with the local community, where sound level meters could be left unattended for a seven-day period. A 3-hour long attended survey was conducted at Baseline Site 3. Wind speed, wind direction and rainfall were recorded throughout this survey period to identify periods where ambient noise may have been significantly affected. The seven-day ambient noise levels for Sites 1 and 2 are plotted in Charts 1 and 2 respectively. The ambient noise from the three-hour survey at Baseline Site 3 is plotted in Chart 3. The meteorological data for the seven-day survey is plotted in Chart 4. This indicates that the wind speed did not exceed 5m/s at the measurement location at any time. Any short periods of rainfall do not appear to have affected the ambient noise levels. The relationship between wind speed and ambient noise at Sites 1 and 2 is plotted in Charts 5 and 6. This indicates that there is no significant relationship between ambient noise and wind speed, which is consistent with an acoustic environment where noise is dominated by transport. Further details of the baseline survey are presented in Appendix 1. The results for the surveys are summarised in Table 1 below.

Table 1 – Summary of Baseline Survey Data									
Site	26-May-22	27-May-22	28-May-22	29-May-22	30-May-22	31-May-22	01-Jun-22	02-Jun-22	Time Period
day	fri	sat	sun	mon	tue	wed	thu	fri	day
1	64	65	63	64	64	64	66	58	daytime
2	67	67	66	66	67	67	67	61	
3	-	-	-	-	-	-	70	-	
1	50	60	58	57	60	59	60	59	night-time
2	53	62	60	60	62	61	62	61	

N.B. units = dB LAeq T (where day = 07:00 – 23:00 and night = 23:00 – 07:00)

A seven-day automatic traffic counter (ATC) was installed on the A904 to the south of Duddingston Crescent to overlap with the baseline noise survey. The results from the seven-day ATC survey are presented in Appendix 2. The location of the ATC is also shown in Figure 1. These data have been summarised in Table 2 at the end of the text. The recorded mean speed is slightly higher on the north-bound traffic (27 mph) compared to the south-bound (22 mph). The pattern of diurnal traffic flows is plotted in Charts 7 – 9. These show a pronounced peak in traffic flows in the early weekday mornings with a wider spread over the PM peak. 92% of all traffic occurs during the daytime period (07:00 – 23:00). The average %HGV is ~12%. These data have been used to help predict noise across the study area and to compare measured and predicted noise levels.

Noise Criteria

The World Health Organisation (WHO) has published Environmental Noise Guidelines to protect human health from road traffic noise, where the principal concern is the effects on sleep disturbance at night. This recommends that night-time noise from road traffic should not exceed 45 dB $L_{night, outside}$, averaged over a period of 1 year, where night is usually defined as being between 23:00 and 07:00 hours.¹

The $L_{night, outside}$ criterion used by WHO is based on the index adopted by the European Noise Directive.² The $L_{night, outside}$ is an annual exposure limit and calculation of exposure should take account of the duration of the project and the prevailing meteorological conditions. Previous WHO Guidance recommended that noise inside bedrooms should not exceed 30 dBA for continuous noise and 45 dB LA_{max} for single sound events, which forms the basis of the internal levels recommended in Table 4 of BS 8233. The WHO 1999 Guidance also recommended that noise levels in outdoor living areas (e.g. gardens) should not exceed 55 dB $LA_{eq, 07:00 - 23:00}$.³ The WHO criteria relevant to this assessment are summarised in Table 3 below.

Environment	Critical Health Effect	Sound Level dBA $LA_{eq, T}$	Time (hours)
Outdoor living areas	Annoyance	50 - 55	16
Outside dwellings (long term average road traffic)	Sleep disturbance	45	8
Outside dwellings (long term average railway traffic)	Sleep disturbance	44	8
Inside dwellings	Speech intelligibility	35	16
Bedrooms	Sleep disturbance	30	8

PAN 1/2011 Planning and Noise⁵ provides advice to planning authorities in Scotland on how they must seek to minimise the adverse impact of noise arising from new

¹ WHO 2018. Environmental Noise Guidelines for the European Region

² Official Journal of the European Communities 25th June 2002. DIRECTIVE 2002/49/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 June 2002 relating to the assessment and management of environmental noise. Annex 1 of the Directive defines the method by which L_{night} should be calculated. The night-time noise indicator L_{night} is the incident A-weighted long-term average sound level as defined in ISO 1996-2: 1987, determined over all the night periods of a year; in which: the night is eight hours, a year is a relevant year as regards the emission of sound and an average year as regards the meteorological circumstances and where the incident sound is considered, which means that no account is taken of the sound that is reflected at the façade of the dwelling under consideration.

³ World Health Organisation, Geneva 1999. Guidelines for Community Noise.

⁴ <http://www.who.int/mediacentre/factsheets/fs258/en/>

⁵ Scottish Government 2011. Planning Advice Note 1/2011 Planning and Noise

development. Although not directly applicable to this project, the Technical Advice Note⁶ (TAN) for PAN 1/2011 provides a simple framework where the significance of any change in noise from road traffic can be assessed where a change in predicted noise of <1 dB is considered to be of negligible significance in the Scottish Government Planning and Noise TAN. The Technical Advice Note (TAN) suggests a framework to allow the magnitude of the change to be considered based on the predicted change in ambient noise level. This is set out in Table 4 below.

Table 4 – Magnitude of Noise Impacts	
Magnitude	Change in Noise Level dB LA _{eq T} (After – Before)
Major	>5
Moderate	3 – 4.9
Minor	1 – 2.9
Negligible	0.1 – 0.9
No Change	0

Noise Predictions

The surveys reported above provide robust measurements of road traffic noise at the three survey locations. A noise prediction model has been used to help extend the study area and to evaluate the likely benefits from mitigation measures, e.g. slowing down road traffic. The traffic calming measures recently introduced were in place prior to the Airshed noise surveys. The noise prediction model may be used to determine what reduction in noise level these measures may have achieved in the village.

Noise from road traffic has been predicted across the study area in accordance with the method set out in CRTN as implemented by SoundPlan 8.2. CRTN LA_{10 18 hour} predictions have been converted to LA_{eq 16 hour} in accordance with the Transport Research Laboratory (TRL) method adopted for noise mapping in the UK⁷ where LA_{eq 16 hour} = 0.94 * LA_{10 18 hour} + 0.77 dB. Noise contours have been predicted using a 5m resolution grid at a height of 1.5m above ground level. Noise levels have also been predicted at fixed receptor locations as shown in Figure 2.

CRTN includes methods for the calculation of road traffic noise levels in most situations, taking into account factors such as distance between the road and receptor, road configuration, ground cover, screening, angle of view, reflection from facades, and traffic flow, speed and composition. The method is suitable for calculating noise levels from free-flowing traffic at properties more than 4m from the carriageway, defined as the nearside kerb.

The model layout was constructed using the OS map base at 1:10,000 scale and a site walkover. Dimensions were obtained using a GIS interface. Variations in local ground height were taken into account based on OS Landform Terrain 5 data. An example model layout is shown in Figure 3.

The measured and predicted noise levels at the baseline survey locations are presented in Tables 5.1 and 5.2 below. The predicted and measured daytime road traffic noise levels at Baseline Site 3 are in good agreement. The predictions at Baseline Sites 1 and 2 are pessimistic and over-predict by 2 – 4 dB.

⁶ Scottish Government 2011. Technical Advice Note. Assessment of Noise

⁷ Abbot PG & Nelson PM. Converting the UK traffic noise index LA_{10 18 hour} to EU noise indicators for noise mapping TRL PR/SE/45/02 EPG 1/2/37

Table 5.1 – Scenario 1 - Noise Model Predictions from Road Traffic Noise (day)		
Source	Measured Level dB LAeq (daytime weekday)	Predicted Level dB LAeq 07:00 – 23:00
Baseline Site 1	65	69
Baseline Site 2	67	69
Baseline Site 3	70	70

N.B. Units = dB LAeq 07:00 – 23:00

The measured and predicted noise levels at the baseline survey locations appear to provide better agreement for night-time exposure.

Table 5.2 – Scenario 1 - Noise Model Predictions from Road Traffic Noise (night)		
Source	Measured Level dB LAeq (night-time weekday)	Predicted Level dB LAeq 07:00 – 23:00
Baseline Site 1	59	61
Baseline Site 2	61	61

N.B. Units = dB LAeq 23:00 – 07:00

Four Scenarios have been predicted to allow the likely benefit of traffic calming to be assessed in terms of ambient noise levels:

- Scenario 1 – predicts the noise from road traffic based on the measured traffic flows and mean traffic speed. This Scenario only considers predictions at the baseline survey sites (as shown in Figure 1) as discussed above;
- Scenario 2 – predicts the noise from road traffic based on the measured traffic flows and mean traffic speed, at a number of representative noise-sensitive receptors in Newton (as shown in Figure 2);
- Scenario 3 – predicts the noise from road traffic based on the measured traffic flows, but assumes a mean traffic speed of 30mph (48 kph). This Scenario is intended to represent conditions prior to traffic calming, assuming all vehicles complied with the previous posted speed limit; and.
- Scenario 4 – predicts the noise from road traffic based on the measured traffic flows, but assumes a mean traffic speed of 20mph (32kph). This Scenario is intended to represent conditions with the traffic -calming measures in place and assumes all vehicles comply with the new posted speed limit.

The detailed results from the noise prediction exercise are presented in Appendix 3. The noise contours for Scenarios 2 – 4 are plotted in Figures 4.1 – 4.3 respectively. The results for the predictions at the fixed receptor locations as shown in Figure 2 for Scenarios 3 – 4 are summarised in Table 6.1. (daytime) and Table 6.2 (night-time). This indicates that the best-case (comparing Scenario 3 with Scenario 4) would achieve a reduction of ~ 1dB at some receptors. This is considered to be a negligible reduction in terms of the Scottish Government's TAN assessment framework as described in Table 4 above. The results from this assessment indicate that reducing the vehicle speeds in Newton is likely to be of Negligible significance in terms of noise impacts as defined in Table 4 above.

Kind regards



Steve Fraser BSc MPhil CEnv MIOA MCIIWM

Tables

No	Link	24 hour	Daytime		Night		factors				hours	
			LDV	HGV	LDV	HGV	day	night	LDV	HGV	daytime	night-time
1	ATC counter Newton Village	13680	694	92	123	16	0.918	0.082	0.883	0.117	16	8

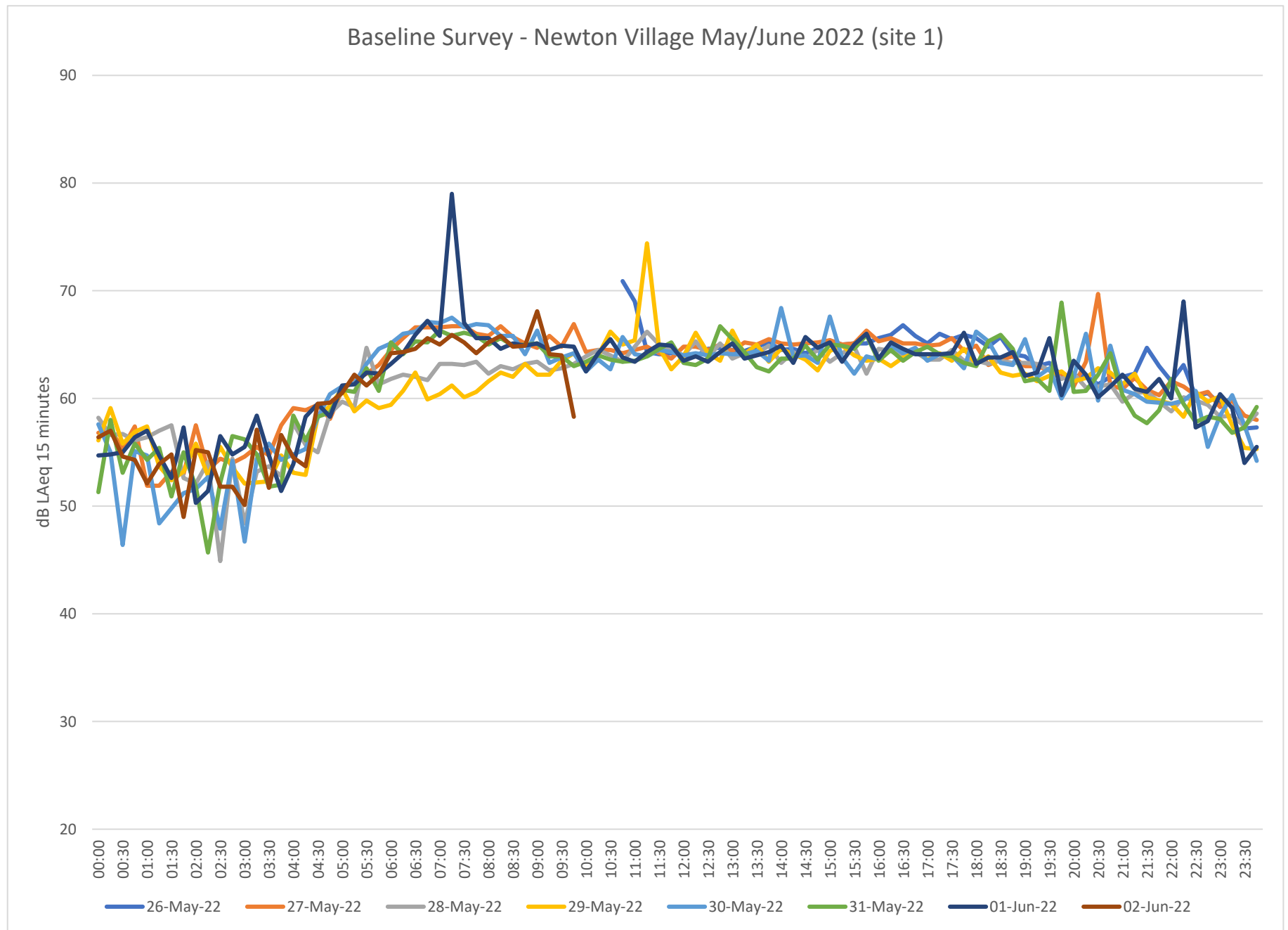
No	Location	FI	Dir	X	Y m	Z m	Scenario 2	Scenario 3	Scenario 4	best case	Significance
1	2 Duddingston Terrace	GF	NW	309188	677651	93.2	67	68	67	-1	Negligible
2	2 Gallow View	GF	NW	309122	677549	94.8	55	55	54	-1	Negligible
		F 1				97.3	57	58	57	-1	Negligible
3	6-12 Main Street	GF	SE	309220	677712	92.4	73	74	73	-1	Negligible
		F 1				94.9	73	74	73	-1	Negligible
4	9 Main Street - Newton Snack	GF	NW	309161	677635	94.3	70	70	70	0	No change
		F 1				96.8	70	71	70	-1	Negligible
5	11 Main Street	GF	NW	309172	677646	93.8	71	71	71	0	No change
6	14-16 Main Street	GF	SE	309252	677743	91.6	73	73	73	0	No change
7	17-19 Main Street	GF	NW	309223	677695	92.6	73	74	73	-1	Negligible
		F 1				95.1	73	73	73	0	No change
8	18 Main Street	GF	SE	309270	677762	90.5	70	70	70	0	No change
		F 1				93.0	73	73	73	0	No change
9	23 Main Street	GF	NW	309239	677706	92.7	70	71	70	-1	Negligible
		F 1				95.2	71	72	71	-1	Negligible
10	35 Main Street	GF	NW	309291	677760	90.1	73	73	73	0	No change
		F 1				92.6	73	73	73	0	No change
11	Duddingston Crescent	GF	NW	309291	677711	92.0	58	58	58	0	No change
		F 1				94.5	60	60	60	0	No change
12	Gallow View	GF	W	309129	677564	94.7	55	56	55	-1	Negligible
		F 1				97.2	58	58	58	0	No change
13	Main Street	GF	NW	309253	677715	92.3	68	69	68	-1	Negligible
		F 1				94.8	70	71	70	-1	Negligible
14	Main Street	GF	SE	309236	677728	92.2	74	74	74	0	No change
		F 1				94.7	73	74	73	-1	Negligible
15	Main Street	GF	SE	309278	677770	90.1	70	70	70	0	No change
16	Main Street	GF	SE	309286	677778	89.7	70	70	70	0	No change
		F 1				92.2	73	73	73	0	No change
17	Main Street	GF	N	309118	677608	95.2	68	68	68	0	No change
		F 1				97.7	69	70	69	-1	Negligible
18	The Pheasant	GF	NW	309206	677678	92.4	73	73	73	0	No change
		F 1				94.4	73	73	73	0	No change

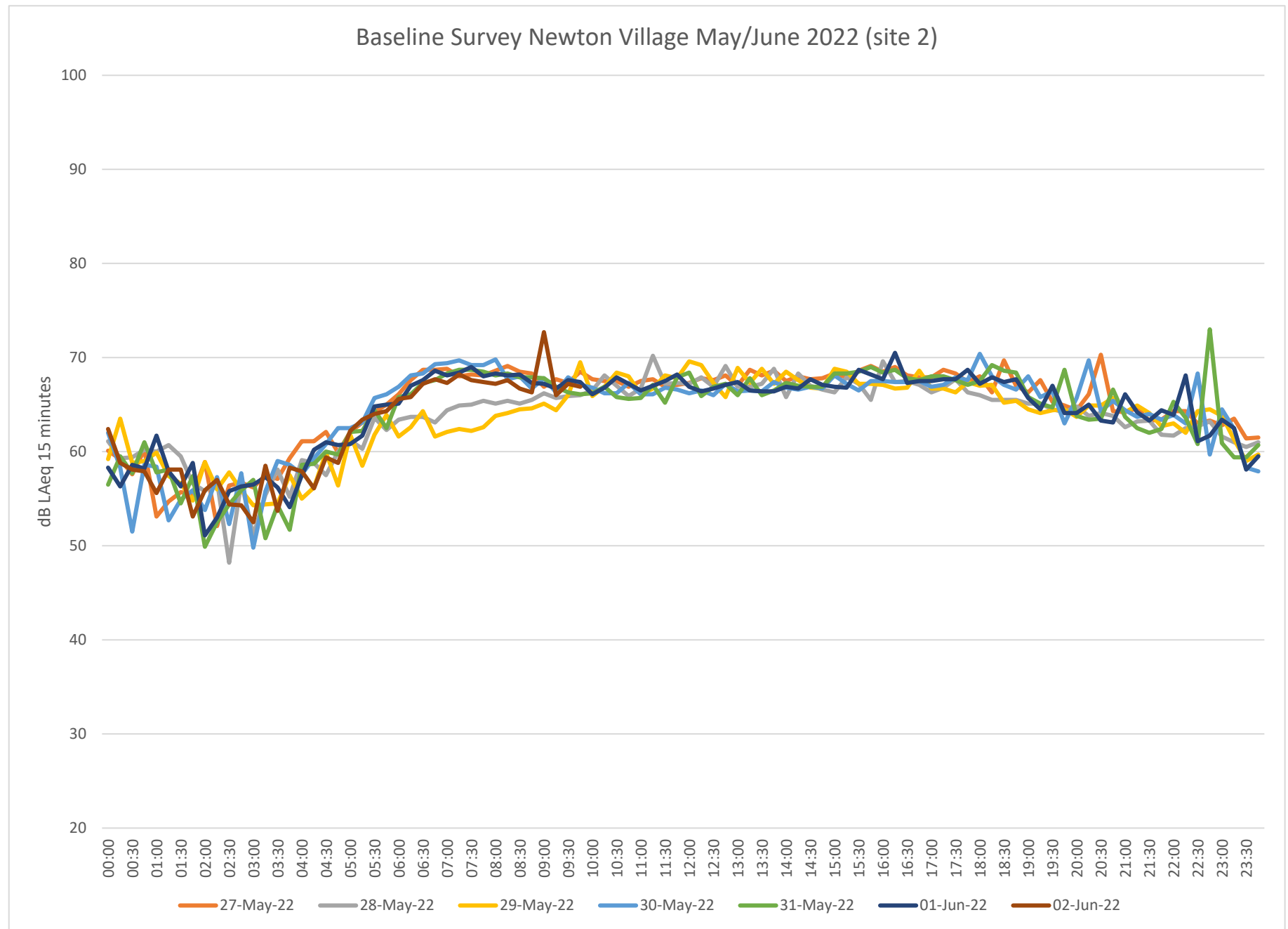
units = dB LAeq daytime

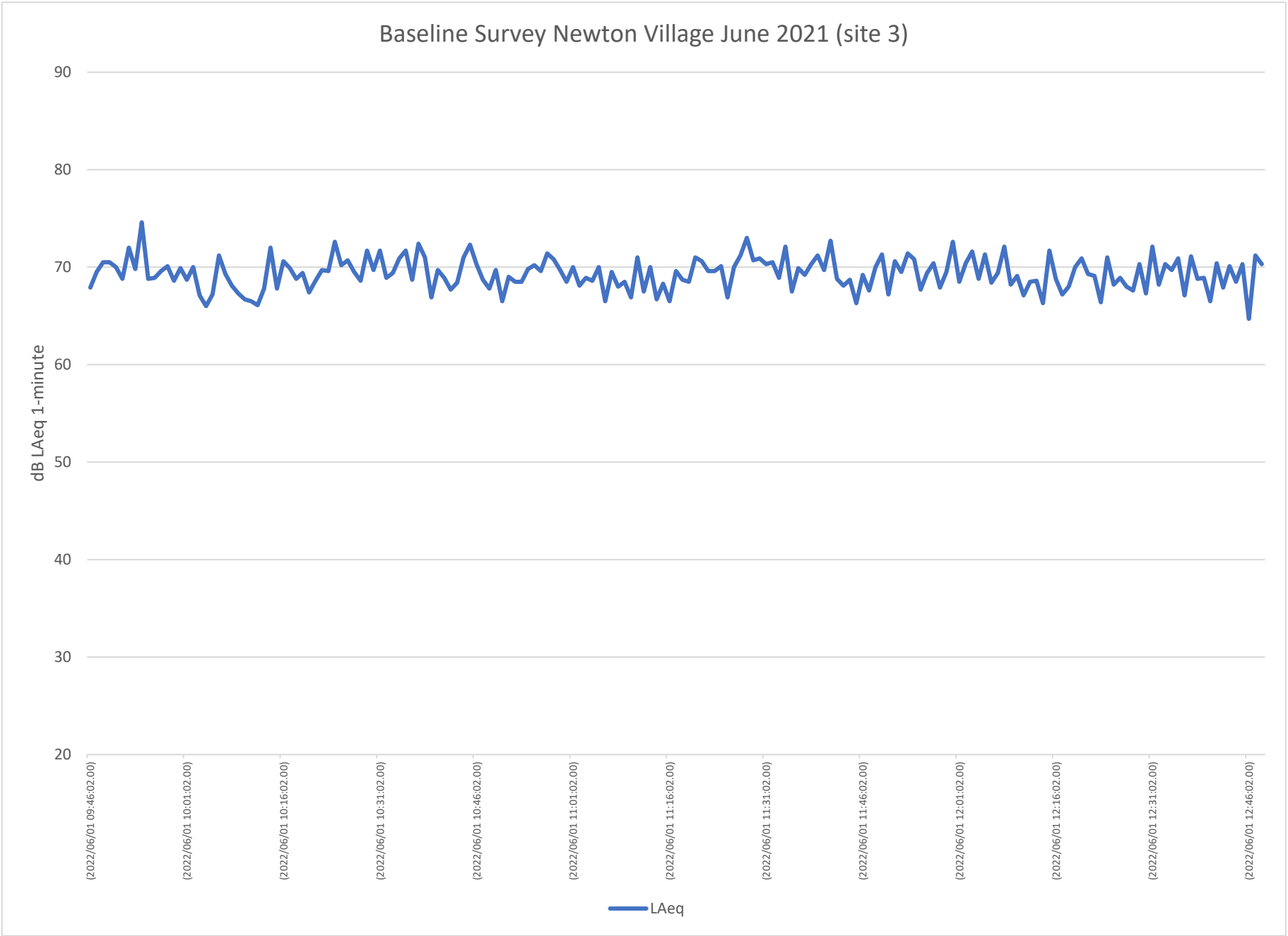
No	Location	FI	Dir	X	Y m	Z m	Scenario 2	Scenario 3	Scenario 4	best case	Significance
1	2 Duddingston Terrace	GF	NW	309188	677651	93.2	60	61	60	-1	Negligible
2	2 Gallow View	GF	NW	309122	677549	94.8	47	48	47	-1	Negligible
		F 1				97.3	50	50	50	0	No change
3	6-12 Main Street	GF	SE	309220	677712	92.4	65	65	65	0	No change
		F 1				94.9	65	65	65	0	No change
4	9 Main Street - Newton Snack	GF	NW	309161	677635	94.3	62	62	62	0	No change
		F 1				96.8	62	63	62	-1	Negligible
5	11 Main Street	GF	NW	309172	677646	93.8	63	63	63	0	No change
6	14-16 Main Street	GF	SE	309252	677743	91.6	64	65	64	-1	Negligible
7	17-19 Main Street	GF	NW	309223	677695	92.6	65	65	65	0	No change
		F 1				95.1	65	65	65	0	No change
8	18 Main Street	GF	SE	309270	677762	90.5	62	62	62	0	No change
		F 1				93.0	64	64	64	0	No change
9	23 Main Street	GF	NW	309239	677706	92.7	63	63	63	0	No change
		F 1				95.2	63	64	63	-1	Negligible
10	35 Main Street	GF	NW	309291	677760	90.1	64	65	65	0	No change
		F 1				92.6	65	65	65	0	No change
11	Duddingston Crescent	GF	NW	309291	677711	92.0	54	54	54	0	No change
		F 1				94.5	55	56	55	-1	Negligible
12	Gallow View	GF	W	309129	677564	94.7	52	53	52	-1	Negligible
		F 1				97.2	54	54	54	0	No change
13	Main Street	GF	NW	309253	677715	92.3	61	61	61	0	No change
		F 1				94.8	62	63	62	-1	Negligible
14	Main Street	GF	SE	309236	677728	92.2	65	65	65	0	No change
		F 1				94.7	65	65	65	0	No change
15	Main Street	GF	SE	309278	677770	90.1	62	62	62	0	No change
16	Main Street	GF	SE	309286	677778	89.7	62	62	62	0	No change
		F 1				92.2	64	65	65	0	No change
17	Main Street	GF	N	309118	677608	95.2	61	61	61	0	No change
		F 1				97.7	62	62	62	0	No change
18	The Pheasant	GF	NW	309206	677678	92.4	64	65	64	-1	Negligible
		F 1				94.4	64	65	64	-1	Negligible

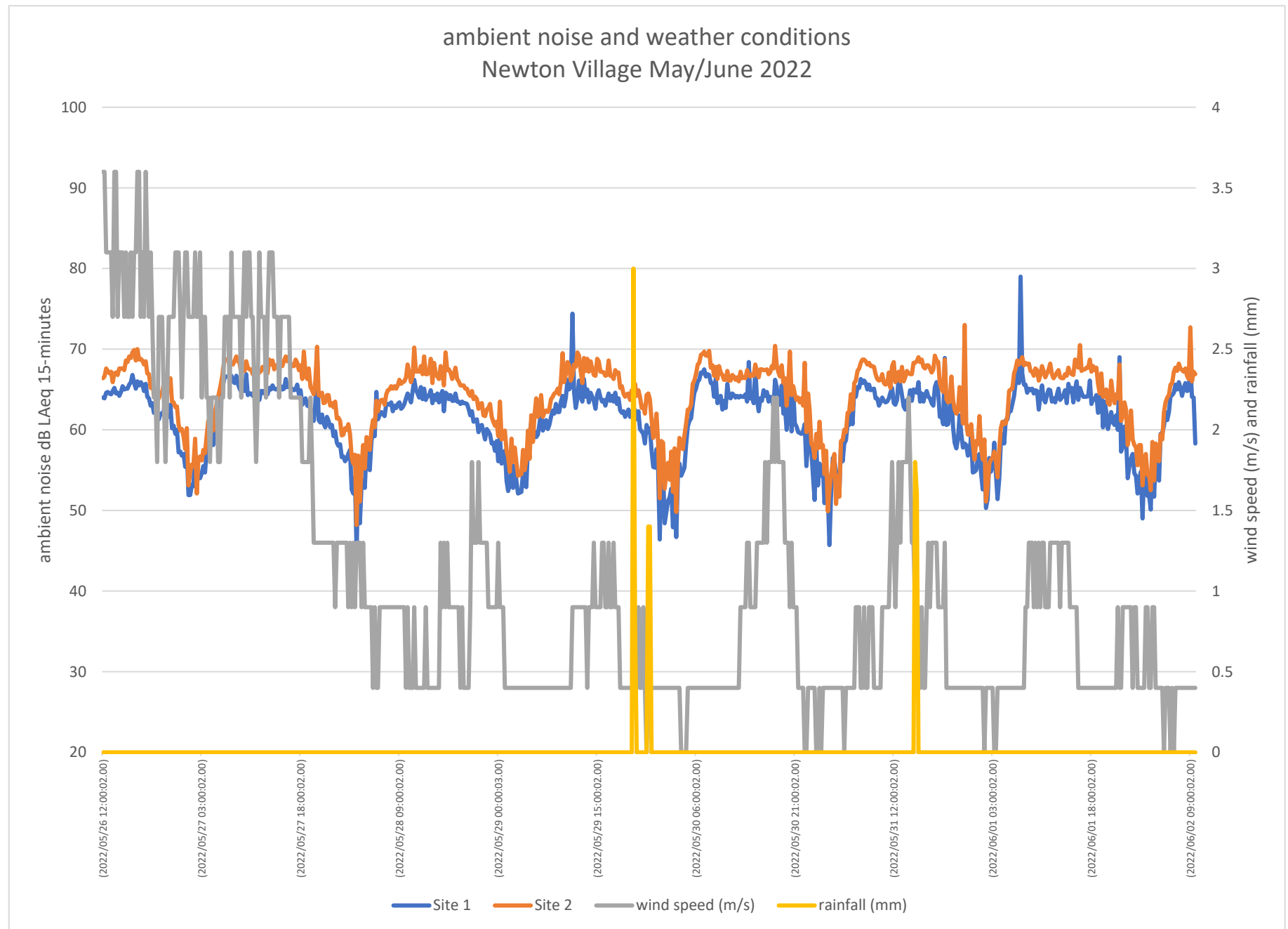
units = dB LAeq night-time

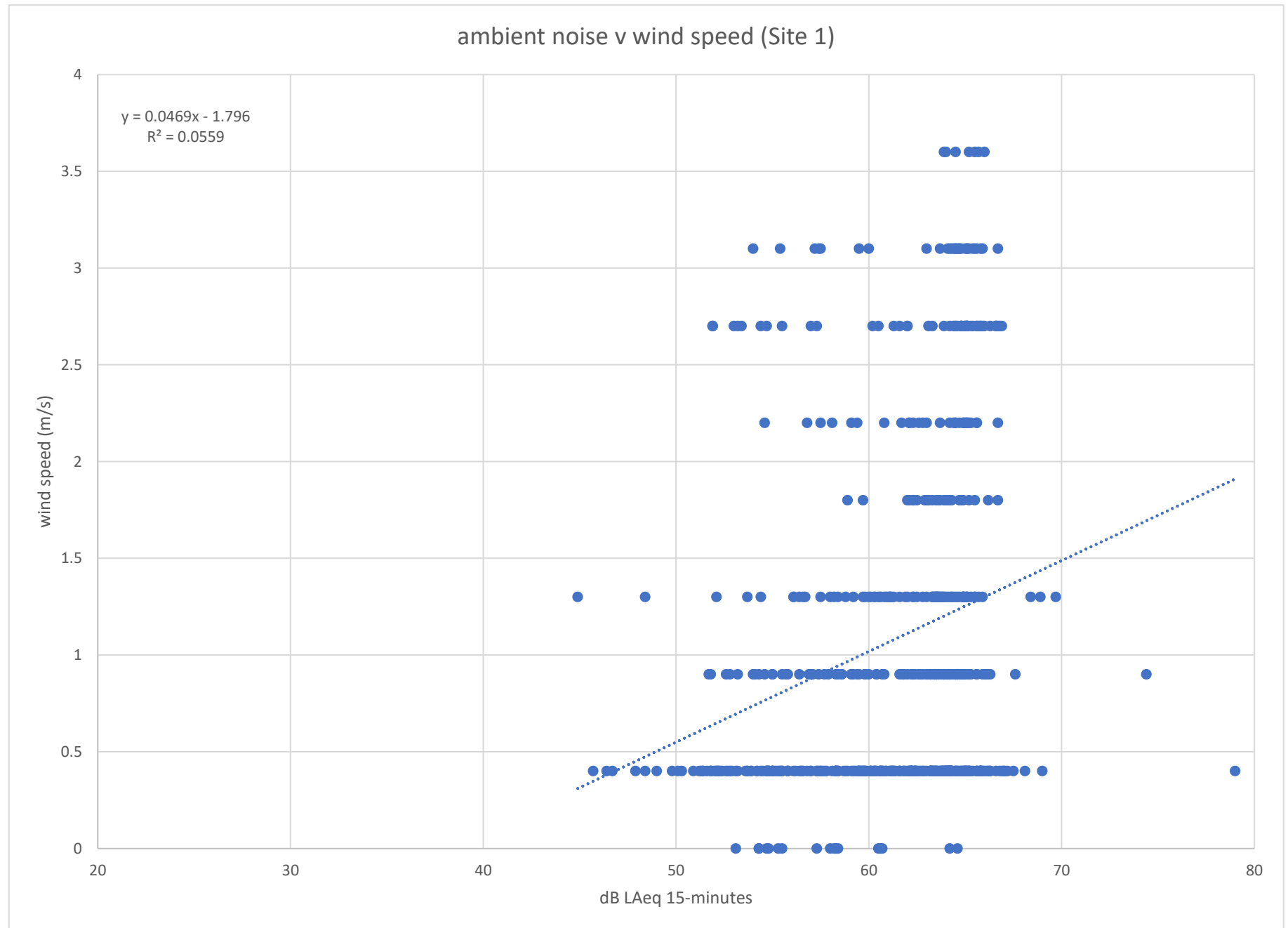
Charts

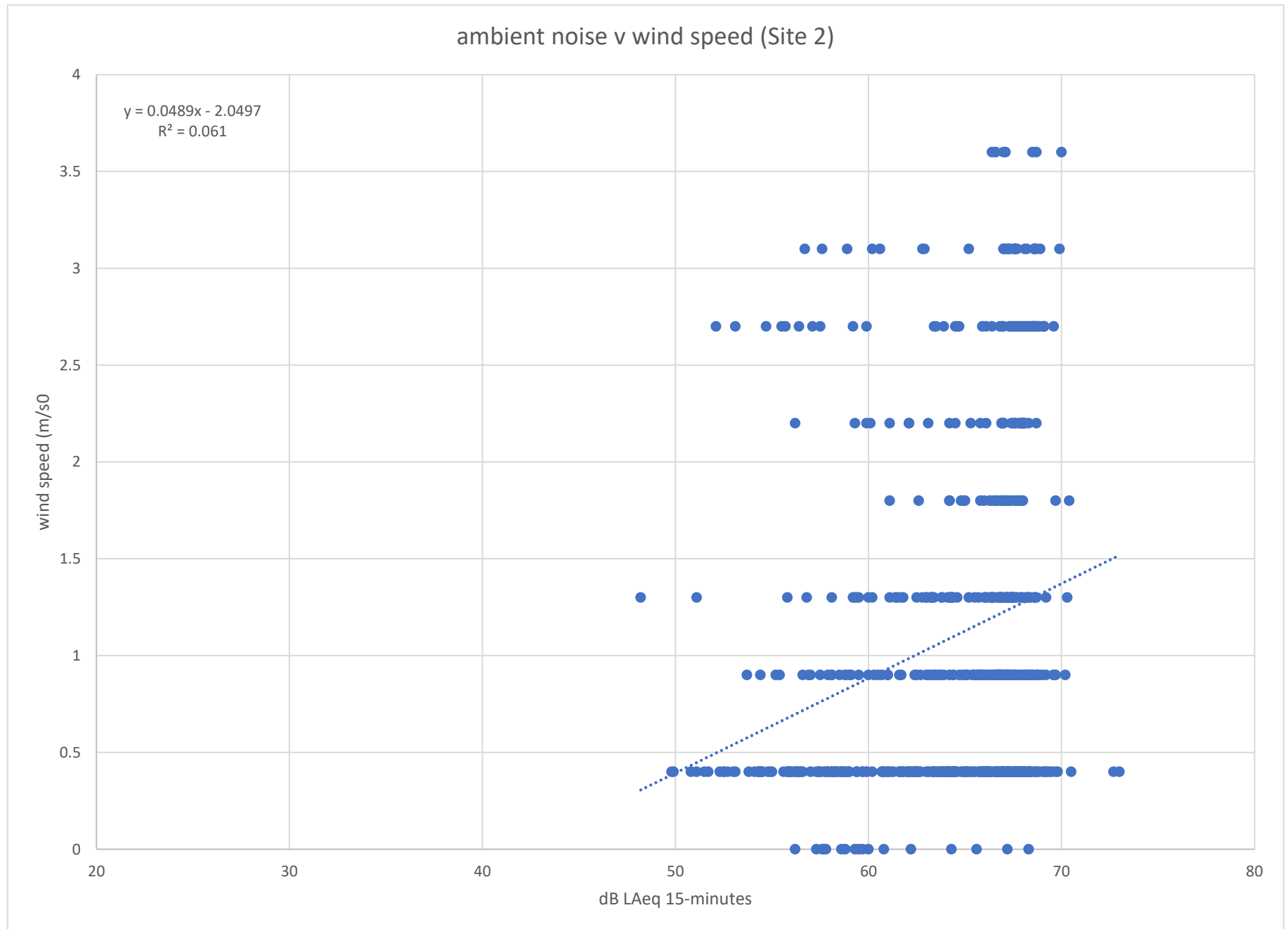


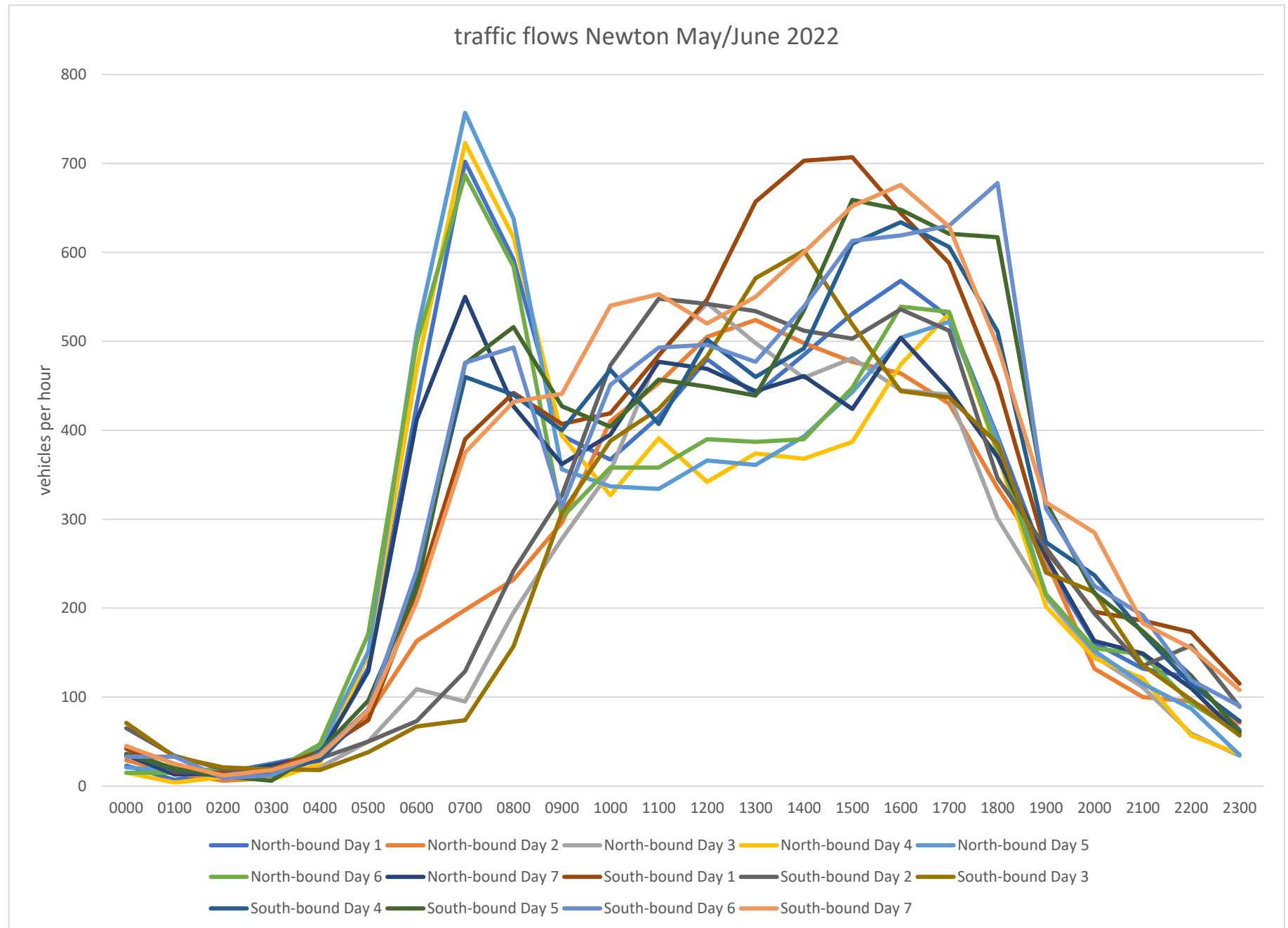


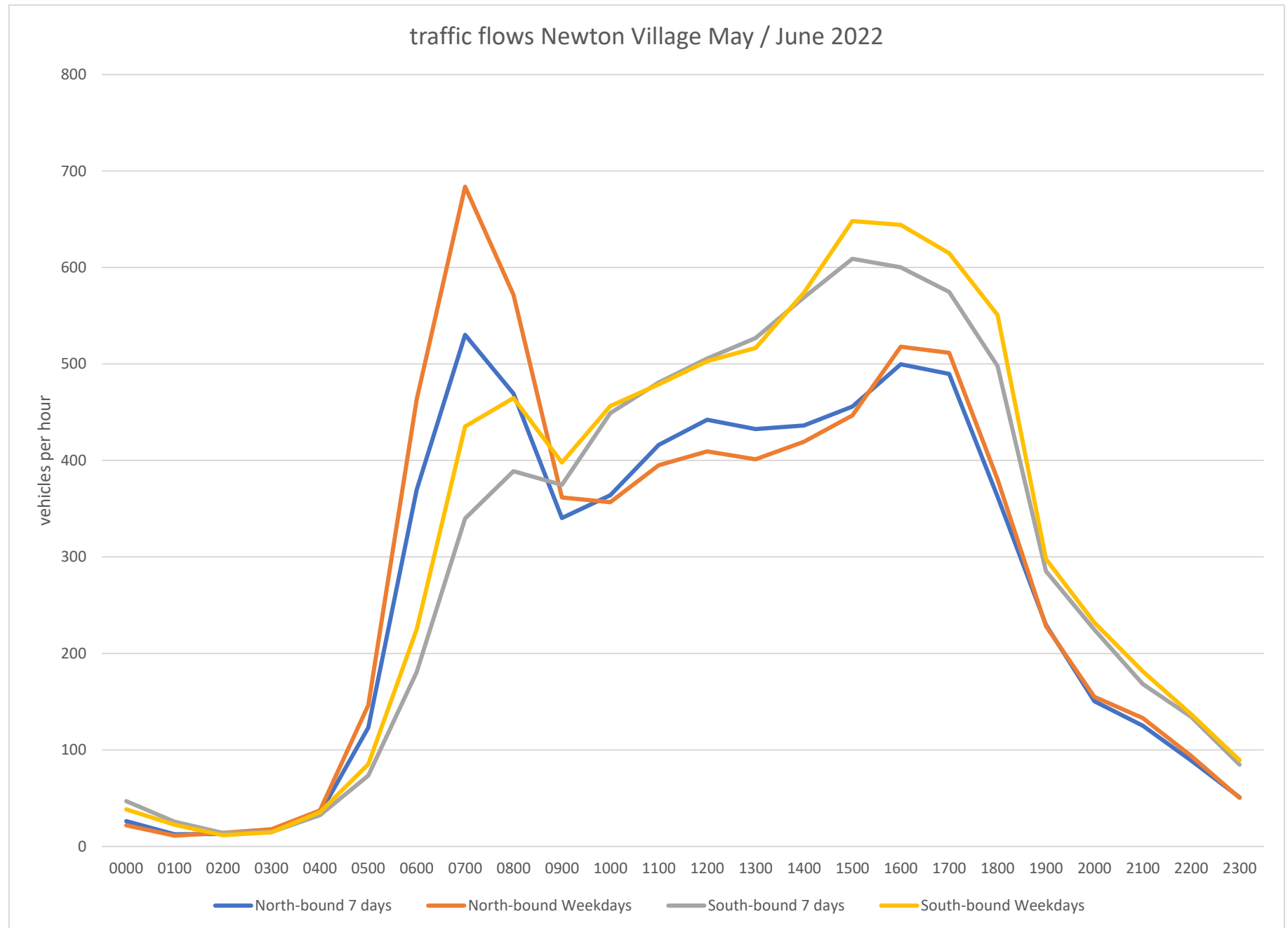


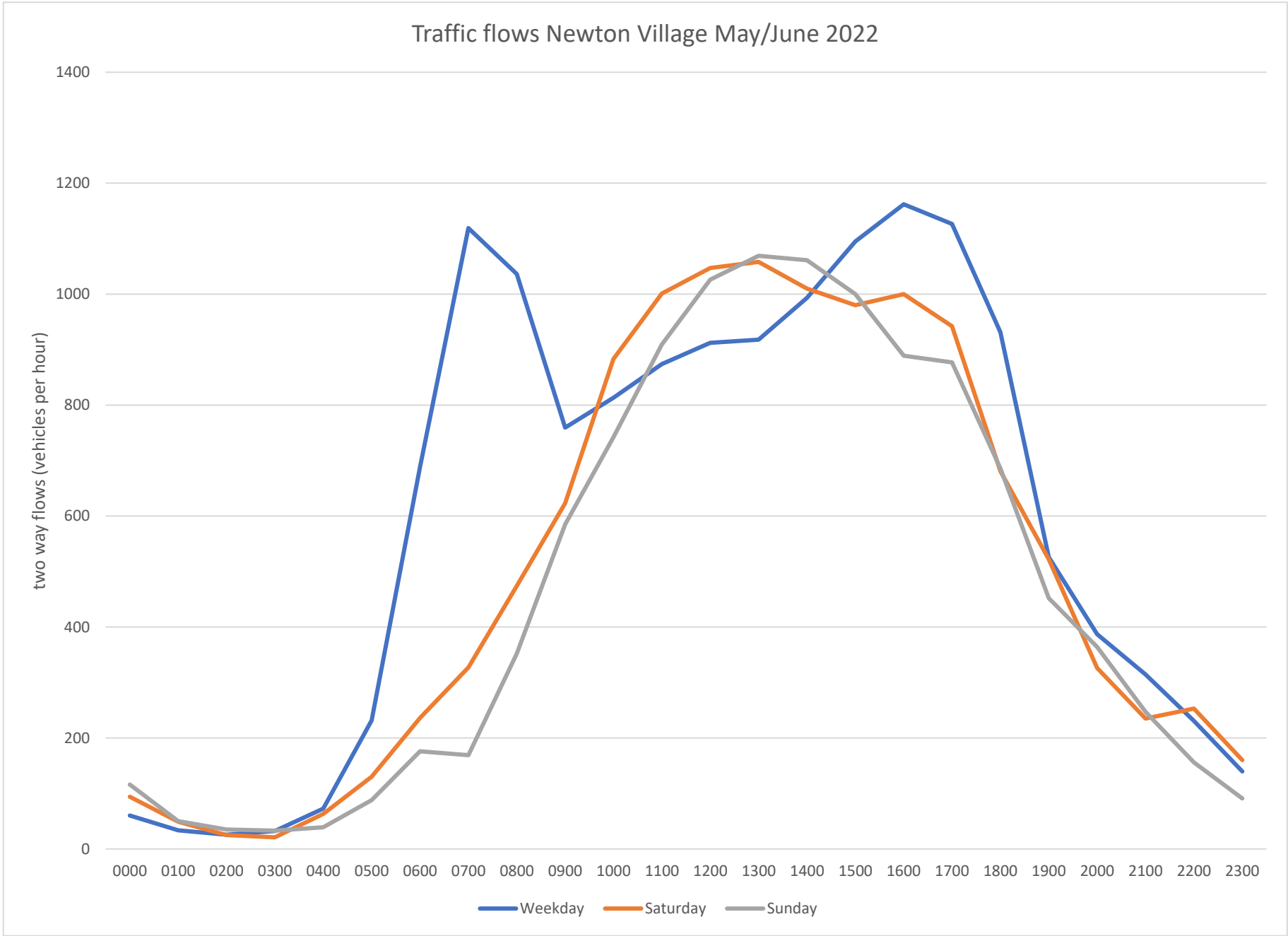












Figures

Figure 1 - Survey Locations

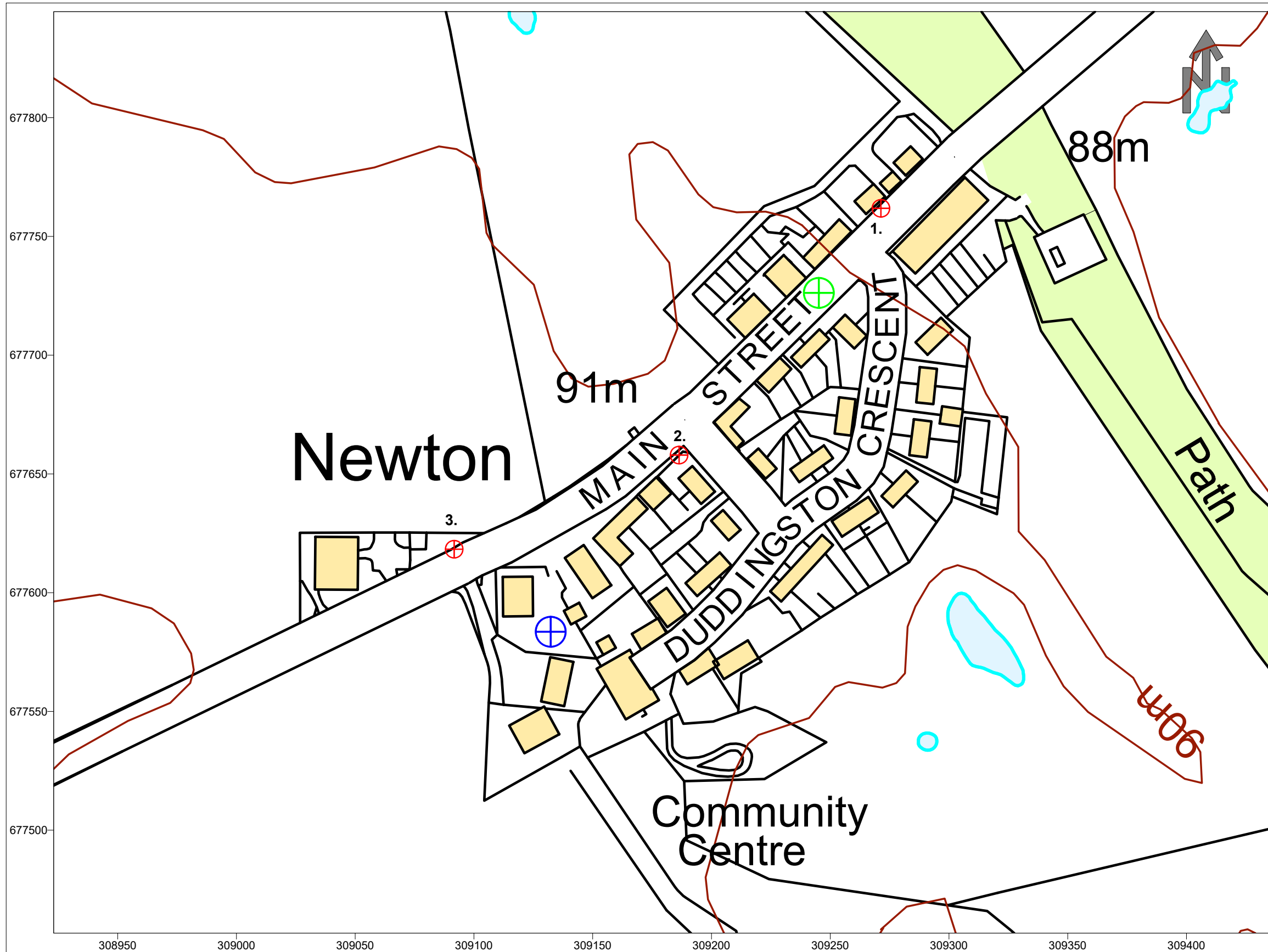




Figure 2 - Receptors

-  baseline noise survey
-  noise-sensitive receptor considered in prediction model

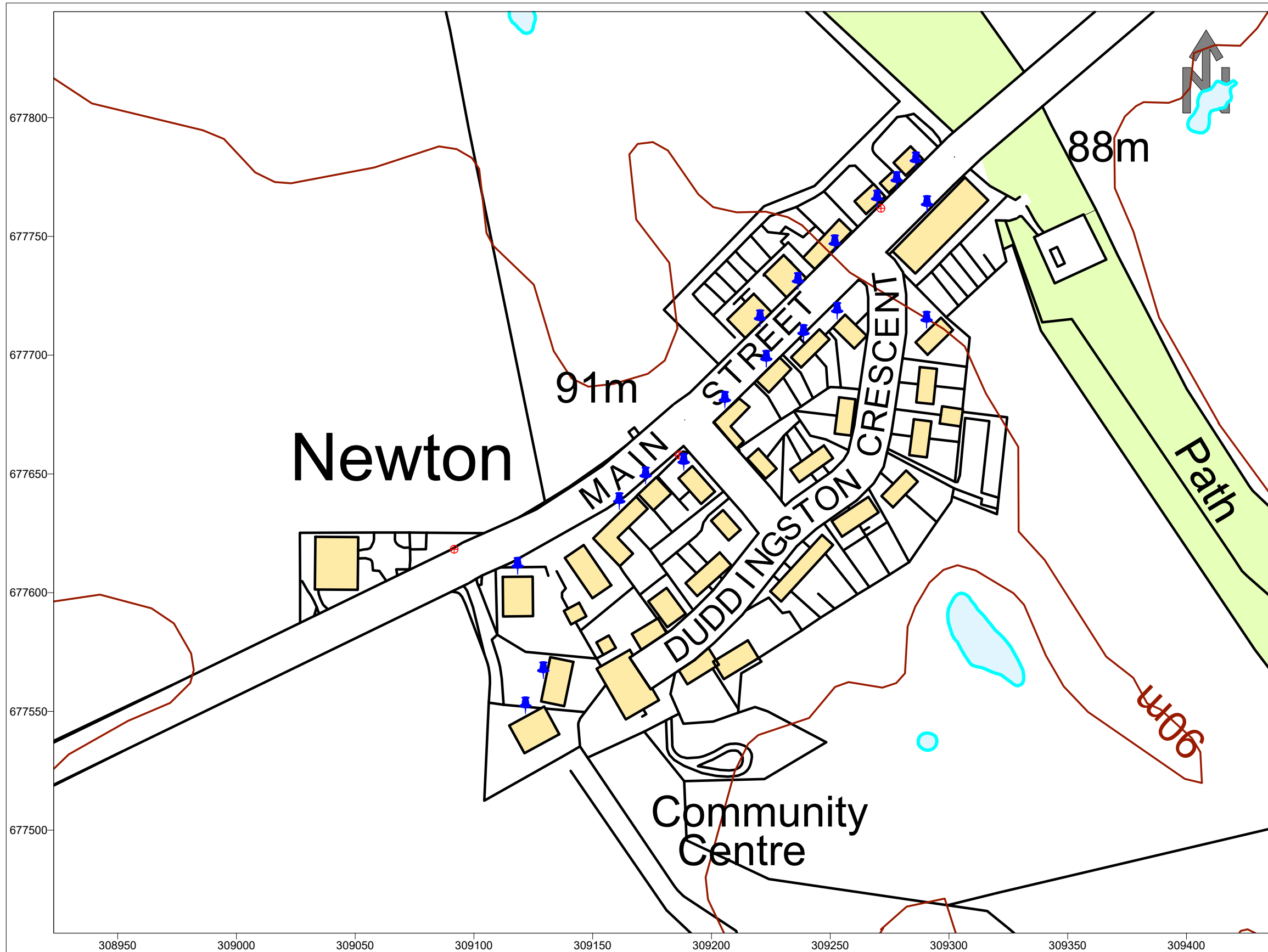
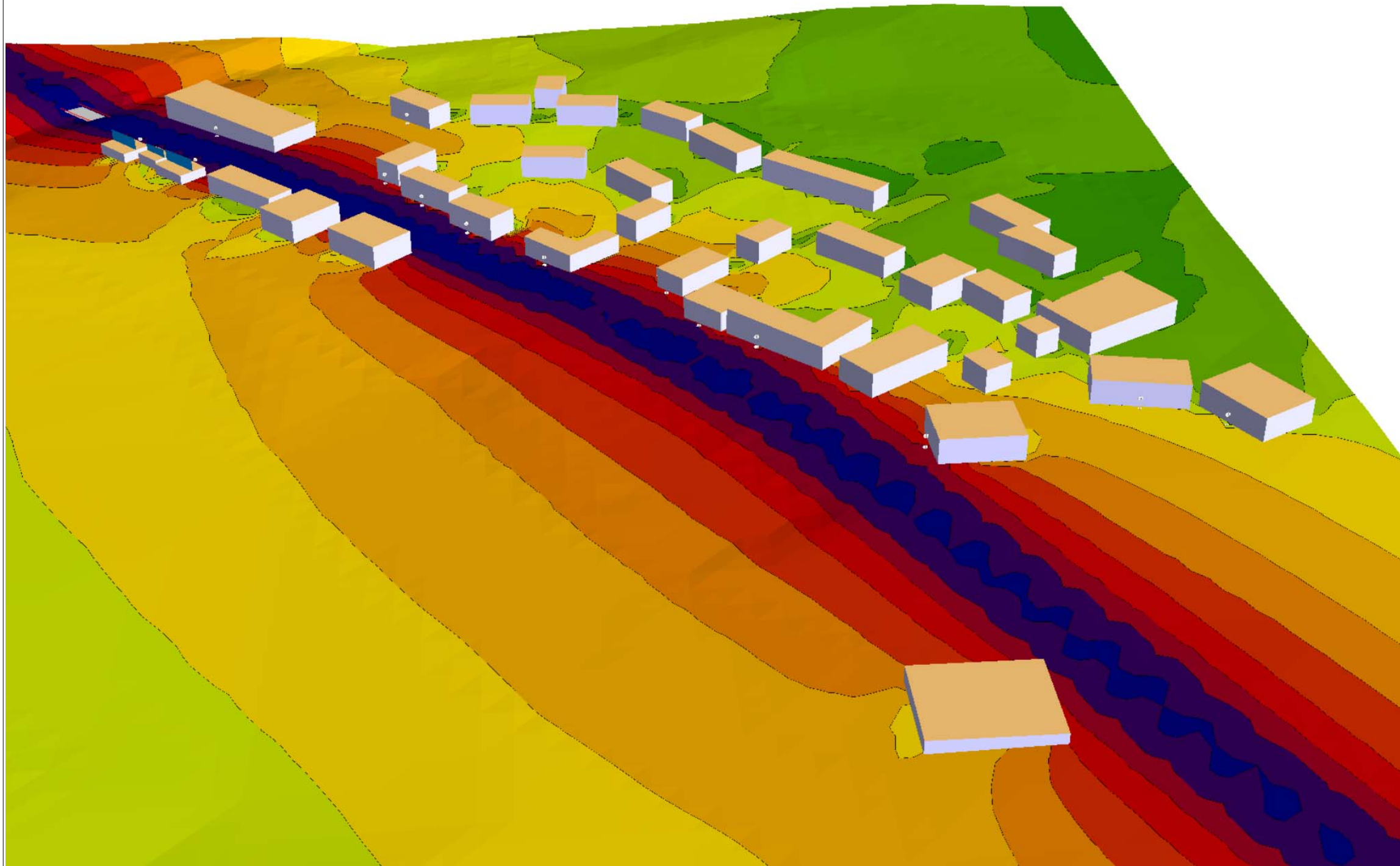


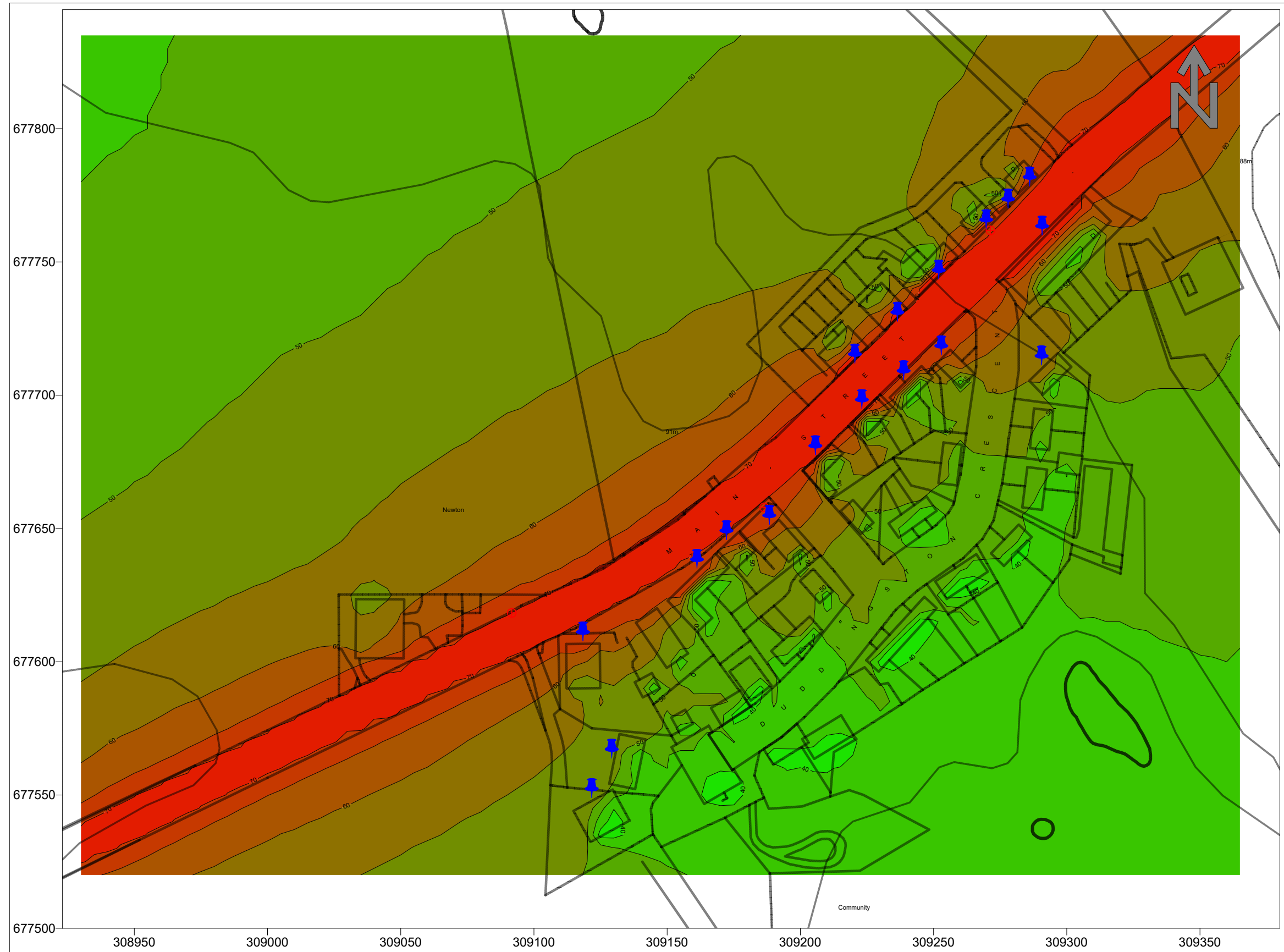
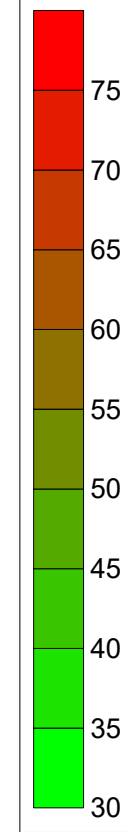
Figure 3 - Model Layout



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Figure 4.1 - Scenario 2

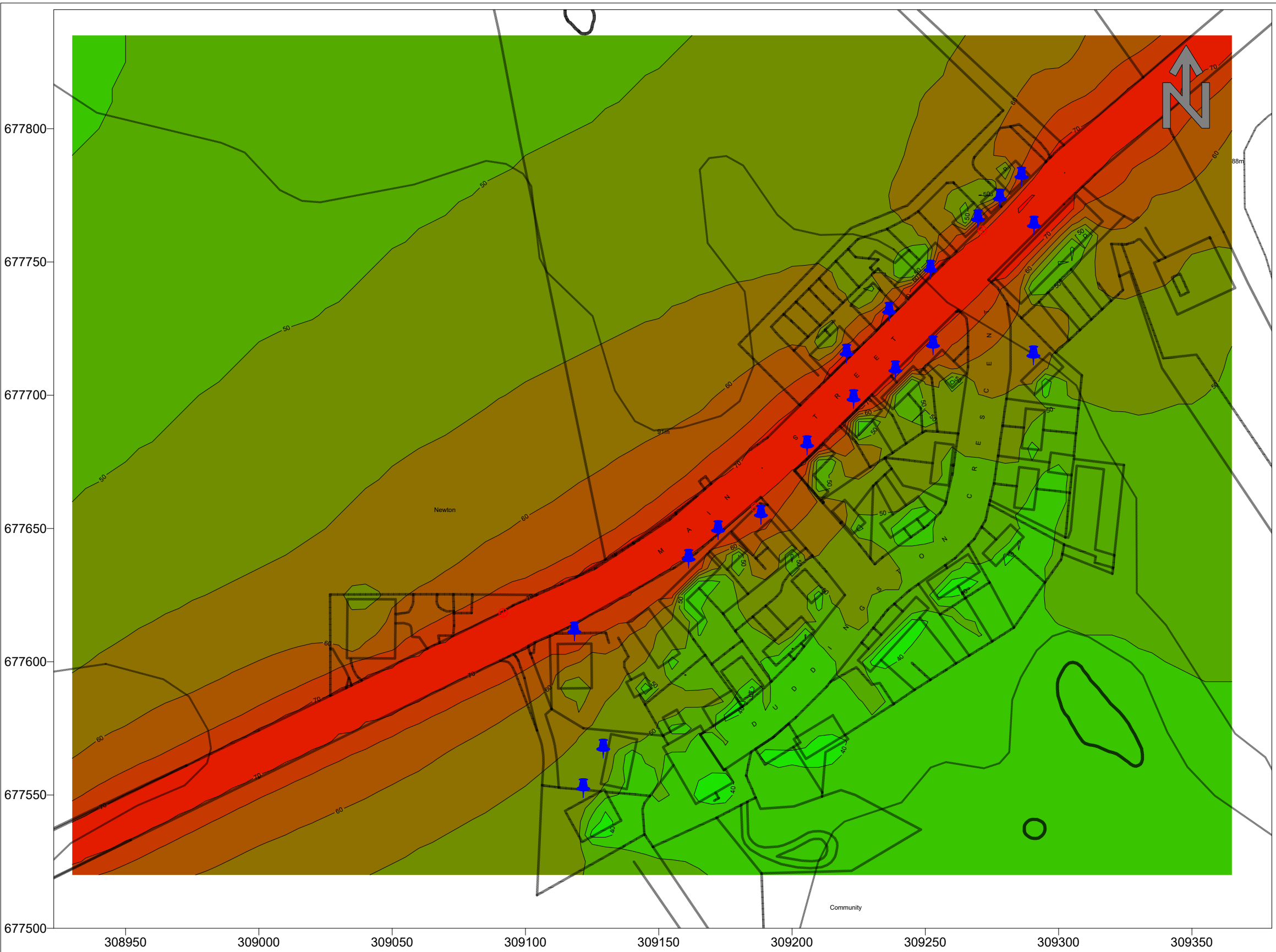
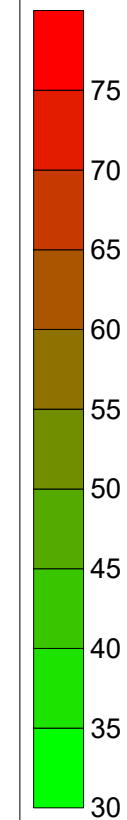
Prediction Model
Soundplan 8.2
Road Traffic
Model includes existing buildings
Prediction CRTN
Topography based on OS data
Prediction grid 5m
contours dB LA_{eq} 07:00 - 23:00
1.5m above ground level
units = dB LA_{eq} daytime



AS 0910 Newton Village traffic noise - 22 June 2022 : Crown copyright Ordnance Survey 0100031673

Figure 4.2 - Scenario 3

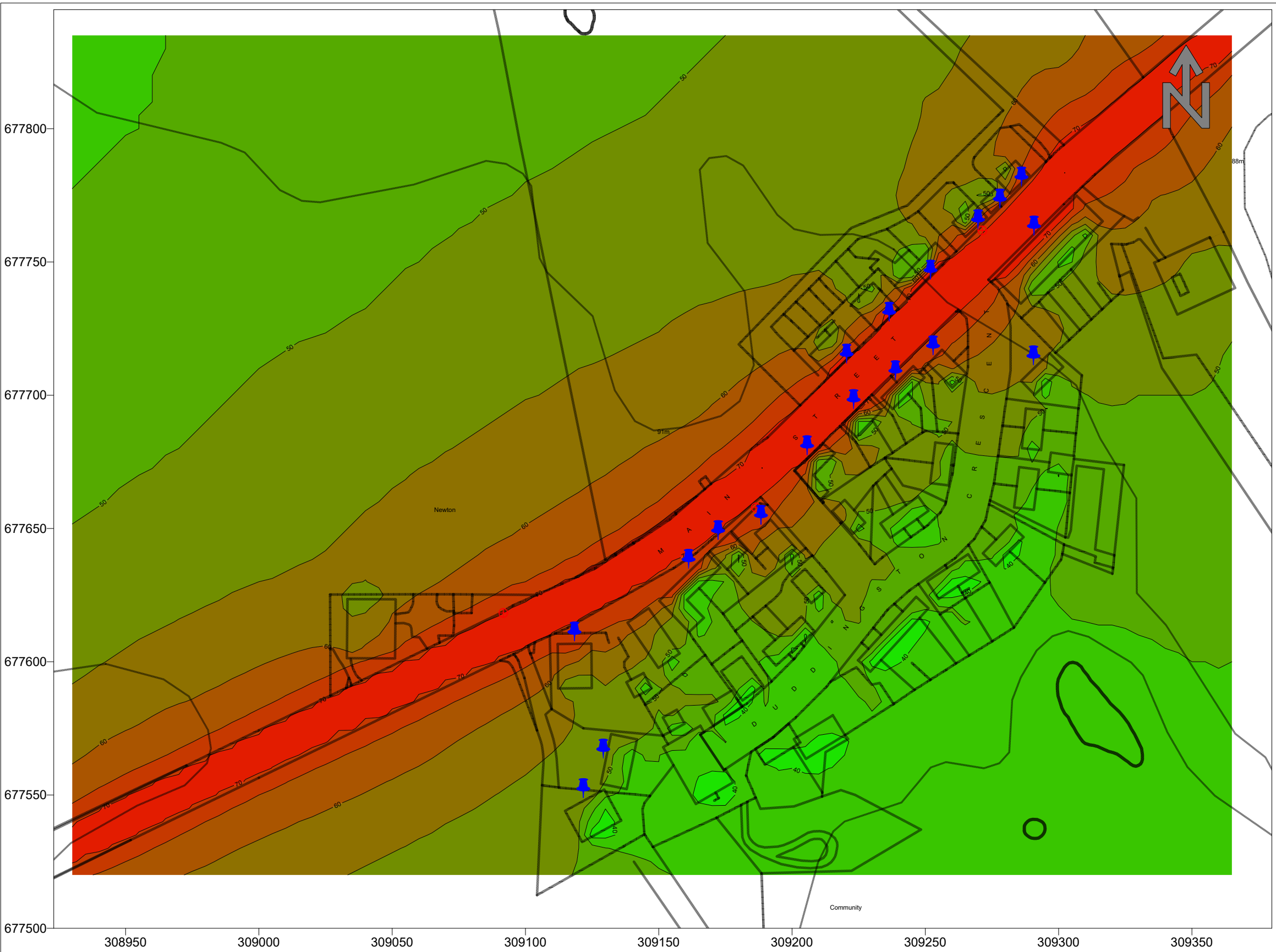
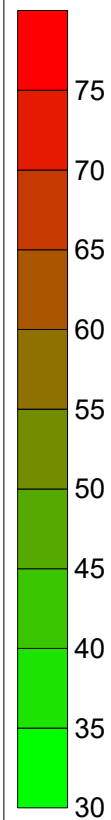
Prediction Model
Soundplan 8.2
Road Traffic
Model includes existing buildings
Prediction CRTN
Topography based on OS data
Prediction grid 5m
contours dB LA_{eq} 07:00 - 23:00
1.5m above ground level
units = dB LA_{eq} daytime



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Figure 4.3 - Scenario 4

Prediction Model
Soundplan 8.2
Road Traffic
Model includes existing buildings
Prediction CRTN
Topography based on OS data
Prediction grid 5m
contours dB LA_{eq} 07:00 - 23:00
1.5m above ground level
units = dB LA_{eq} daytime



AS 0910 Newton Village traffic noise - 22 June 2022 : Crown copyright Ordnance Survey 0100031673

Appendix 1 – Baseline Survey

Noise Survey

Project Number: AS 0910
Log Book Number: 115

Project Name: Newton



Site No: 1
Location : 18, Main Street

Start Date/Time: Thursday 26th May 2022; 11:00
End Date/Time: Thursday 2nd June 2022; 09:30

Norsonic Nor-140 Sound Level Meter 6
Norsonic Nor-1251 Acoustic Calibrator B
Norsonic Nor-1225 Microphone
Norsonic Nor-1217 Outdoor Protection Kit
Calibration Factor 113.8

Serial No. 1406914
Serial No. 34961
Serial No. 212990
Serial No. 12175403
Calibration End: 113.8

Site No: 2
Location : 2, Duddingston Terrace

Start Date/Time: Thursday 26th May 2022; 11:00
End Date/Time: Thursday 2nd June 2022; 09:30

Norsonic Nor-140 Sound Level Meter 5
Norsonic Nor-1251 Acoustic Calibrator B
Norsonic Nor-1225 Microphone
Norsonic Nor-1217 Outdoor Protection Kit
Calibration Factor 113.8

Serial No. 1406913
Serial No. 34961
Serial No. 208201
Serial No. 12175402
Calibration End: 113.8

Site No: 3
Location : Gallows View

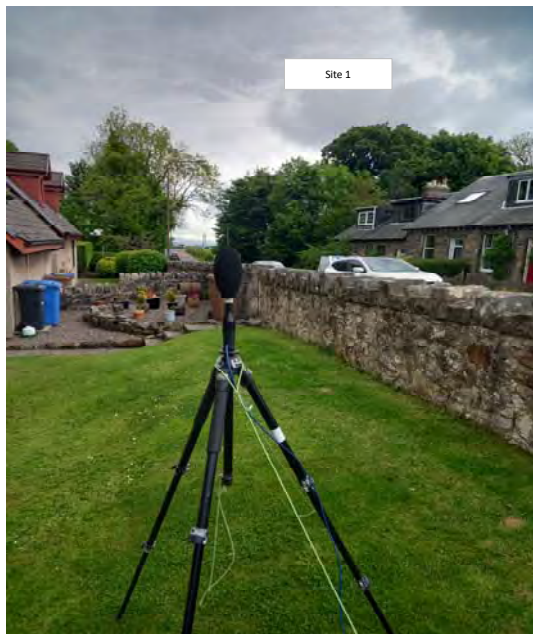
Start Date/Time: Wednesday 1st June 2022; 10:00
End Time: 13:00

Norsonic Nor-140 Sound Level Meter 7
Norsonic Nor-1251 Acoustic Calibrator B
Gras 40AF Microphone
Norsonic Nor-1217 Outdoor Protection Kit
Calibration Factor 113.8

Serial No. 1405074
Serial No. 34961
Serial No. 114655
Serial No. 12175404
Calibration End: 113.8

Weather Station
1590-PK-020
Weathermaster
Built in Temperature Gauge and Barometer
Rain Gauge and Anemometer attachments

Start Date/Time: Thursday 26th May 2022; 12:00



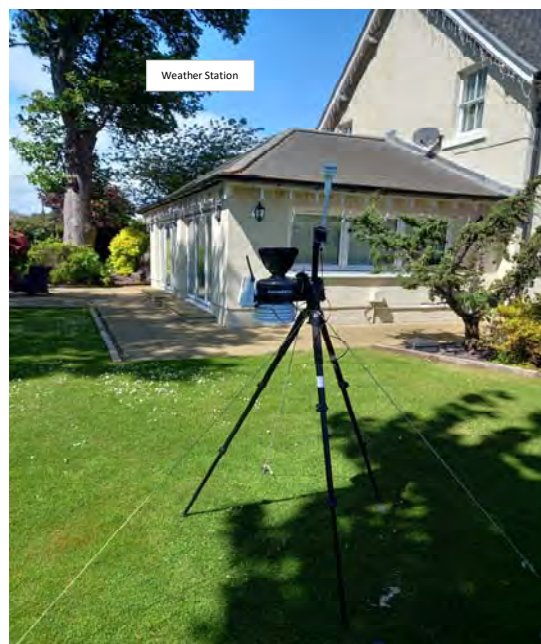
Site 1



Site 2



Site 3



Weather Station

Laboratory Location

Campbell Associates Ltd

5b Chelmsford Road Industrial Estate
 GREAT DUNMOW, Essex, GB-CM6 1HD
 Phone 01371 871030

**Certificate of Calibration and Conformance**Certificate number: **U39703**Test Object: **Sound Calibrator**Producer: **Norsonic AS.**Type: **1251**Serial number: **34961**Customer: **The Airshed Ltd**

Address: **5 Lauder Place, East Linton,
 East Lothian. EH40 3DB.**

Contact Person: **Hilary Fraser**Order No: **AS 21-22**

Measurement Results	Level dB	Level Stability dB	Frequency Hz	Distortion %
Measurement 1	114.00	0.06	1000.54	<0.3
Measurement 2	114.00	0.06	1000.55	<0.3
Measurement 3	114.00	0.06	1000.55	<0.3
Result (Average):	114.00	0.06	1000.55	<0.3
Expanded Uncertainty:	0.1	0.02	1	0.1
Degree of Freedom:	>100	>100	>100	>100
Coverage Factor:	2	2	2	2

The stated level is relative to 20µPa. The level is traceable to National Standards. The stated level is valid at reference conditions. The following correction factors have been applied during the measurement

Pressure: 0.0005 dB/kPa Temperature: 0.003 dB/°C Humidity: 0 dB/%RH Load volume: 0.0003 dB/mm³

Conditions	Pressure kPa	Temperature °C	Humidity %RH
Reference conditions	101.325	23	50
Measurement conditions	99.054 ±0.046	22.1 ±0.2	35.5 ±1.0

The reported expanded uncertainty of measurements is based on a standard uncertainty multiplied by the coverage factor of k=2, providing a level of confidence of approximately 95%. Where the degrees of freedom are insufficient to maintain this confidence level, the coverage factor is increased to maintain this confidence level. The uncertainty has been determined in accordance with UKAS requirements.

Records: K:\C A\Calibration\Nor-1504\Nor-1018 CalCal\2021\NOR1251_34961_M2.nmf

Preconditioning

The equipment was preconditioned for more than 4 hours in the specified calibration environment.

Method

Calibration has been performed as set out in the current version of CA Technical procedure TP01

Calibration Dates:

Received date:	30/11/2021	Reviewed date:	10/12/2021
Calibration date:	10/12/2021	Issued date:	10/12/2021

Technicians: (Electronic certificate)

Calibrated by: *Palanivel Marappan B.Eng(Hons), M.Sc*

Reviewed by: *Darren Batten*

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Certificate of Calibration and Conformance

Continuation of Certificate number: U39703

Reference Microphone: WSM5 - B&K4192-2496459

Measurements

The calibrator has been tested as described in the following annexes to BS EN IEC60942:2003 Sound Calibrators; B3.4 for sound pressure level, B3.5 for frequency, B3.6 for total distortion and A4.4 for short term stability of the pressure level.

Instruments and Program

A complete list of instruments, hardware and software that have been used for this calibration is available from the calibration laboratory

Comments

Level adjusted from 114.21dB.

Statement of Conformance and Calibration

As public evidence was available*, from a testing organisation responsible for approving the results of pattern evaluation tests, to demonstrate that the model of sound calibrator fully conformed to the requirements for pattern evaluation described in annex A of BS EN IEC 60942:2003, the sound calibrator tested is considered to conform to all the class 1 requirements of that BS EN IEC 60942:2003.

*This evidence is held on file at the calibration laboratory.

Notes:

The sound pressure level generated by the calibrator in its ½ inch configuration was measured five times and averaged by a WS2P working standard microphone for class 1 or 2 devices or a LS2P reference microphone for class 0 or LS devices as specified in the International Standard BS EN 61094-4. The results of three replications and the mean of the measurements obtained are given in the measurement results table of this certificate. The frequency and distortion were measured in a similar manner. The figures in BOLD are the final results; a small correction factor may need to be added to the sound pressure level quoted here if the device is used to calibrate a sound level meter that is fitted with a free field response microphone. See manufacturer's handbooks for full details of this and other corrections that may be applicable.

Observations:

Decision Rule:

The decision rules have been applied in accordance with the procedure as described in BS EN 60942:2003

This certificate relates only to the items tested above.

** End of Certificate **

Campbell Associates Ltd

5b Chelmsford Road Industrial Estate
GREAT DUNMOW, Essex, GB-CM6 1HD
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Phone 01371 871030 Facsimile 01371879106



CALIBRATION



0789

Certificate of Calibration and Conformance

Certificate number: U37646

Test object: Sound Level Meter, BS EN IEC 61672-1:2013 Class 1 (Precision)
Producer : Norsonic
Type : 140
Serial No.: 1406913
Customer: The Airshed Ltd
Address: 5 Lauder Place
East Linton
EH40 3DB
Contact Person: Hilary Fraser

Method :

Calibration has been performed as set out in CA Technical Procedures TP01 & 02 as appropriate. These are based on the procedures for periodic verification of sound level meters as set out in BS EN IEC 61672-3:2013. Results and conformance statement are overleaf and detailed results are in the attached Test Report.

Tested

	Producer:	Type:	Serial No:	Certificate number
Microphone	Norsonic	1225	208201	37645
Calibrator*	Norsonic	1251	34961	U37644
Preamplifier	Norsonic	1209A	21061	Included

Additional items that also have been submitted for verification

Wind shield -
Attenuator -
Extension cable -

These items have been taken into account wherever appropriate.

Instruction manual: Im140_1Ed8R0En Firmware version: v4.0.1430 The test object is a single channel instrument.

Conditions	Pressure	Temperature	Humidity
Reference conditions:	101.325 kPa	23.0 °C	50 %RH
Measurement conditions:	102.68 ±0.05 kPa	23.3 ±0.3 °C	37.6 ±0.7 %RH

Date received for calibration: 24/03/2021
Date of calibration: 14/04/2021
Date of issue: 14/04/2021
Engineer


Markus Cross

Supervisor


Darren Batten Tech IOA

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*The sound calibrator was complete with the coupler specified in the instruction manual for the sound calibrator and the sound level meter as appropriate for the coupling of the microphone provided to the specified sound calibrator.

Certificate of Calibration and Conformance

UKAS Laboratory Number 0789

Certificate number: U37646

Conformance

From markings on the sound level meter or by reference to the manufacturer's published literature it has been determined that the instrument submitted for verification was originally manufactured to BS EN IEC 61672-1:2013 and similarly that the associated sound calibrator conforms to BS EN IEC 60942.

Statement of conformance

The sound level meter submitted for testing has successfully completed the periodic tests of BS EN IEC 61672-3:2013, for the environmental conditions under which the tests were performed. As evidence was publicly available¹, from an independent testing organisation responsible for approving the results of pattern-evaluation tests performed in accordance with BS EN IEC 61672-2:2013, to demonstrate that the model of sound level meter fully conformed to the requirements in BS EN IEC 61672-1:2013, and that the sound level meter submitted for testing conforms to the class 1 specifications of BS EN IEC 61672-1:2013.

¹ This evidence is held on file at the calibration laboratory

Summary of Measurement Results

Indication at the calibration check frequency - IEC 61672-3 Ed.2 Clause 10	Passed
Self-generated noise - IEC 61672-3 Ed.2.0 Clause 11.2	Passed
Acoustical signal tests of a frequency weighting - IEC 61672-3 Ed.2.0 Clause 12	Passed
Electrical signal tests of frequency weightings - IEC 61672-3 Ed.2.0 Clause 13	Passed
Frequency weightings: A Network - IEC 61672-3 Ed.2.0 Clause 13.3	Passed
Frequency weightings: C Network - IEC 61672-3 Ed.2.0 Clause 13.3	Passed
Frequency weightings: Z Network - IEC 61672-3 Ed.2.0 Clause 13.3	Passed
Frequency and time weightings at 1 kHz IEC 61672-3 Ed.2.0 Clause 14	Passed
Level linearity on the reference level range - IEC 61672-3 Ed.2.0 Clause 16	Passed
Toneburst response - IEC 61672-3 Ed.2.0 Clause 18	Passed
Peak C sound level - IEC 61672-3 Ed.2.0 Clause 19	Passed
Overload indication - IEC 61672-3 Ed.2.0 Clause 20	Passed
High level stability test - IEC 61672-3 Ed.2.0 Clause 21	Passed
Long term stability test - IEC 61672-3 Ed.2.0 Clause 15	Passed

Comment

Correct level with associated calibrator is 113.9dB(A).

Observations

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k = 2$, providing a coverage probability of approximately 95 %. The uncertainty evaluation has been carried out in accordance with UKAS requirements. Details of the uncertainty for each measurement are available from the Calibration Laboratory upon request. Details of the sources of corrections and their associated uncertainties that relate to this verification are contained within the test report accompanying this certificate.

Calibration Report

Manufacturer: Norsonic
Type: 1225
Serial no: 208201

Customer: The Airshed Ltd
Address: 5 Lauder Place
 East Linton
 EH40 3DB
Contact Person: Hilary Fraser

Measurement Results:

	Sensitivity: (dB re 1V/Pa)	Capacitance: (pF)
1:	-25.72	22.4
2:	-25.67	22.4
3:	-25.66	22.4
Result (Average):	-25.69	22.4
Expanded Uncertainty:	0.13	1.00
Degree of Freedom:	28	>100
Coverage Factor:	2.13	2.00

The following correction factors have been applied during the measurement:
 Pressure:-0.001 dB/kPa Temperature:-0.005 dB/°C Relative humidity:0.000 dB/%RH

Reference Calibrator: WSC2 - GRAS42AA-18277 Volume correction: 0.000 dB
 Records:K:\C A\Calibration\Nor-1504\Nor-1017 MicCal\2021\NOR1225_208201_M1.nmf
 Measurement procedure: TP05

All results quoted are directly traceable to National Physical Laboratory, London

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k = 2$, which for a normal distribution corresponds to coverage probability of approximately 95%. The standard uncertainty of measurement has been determined in accordance with EA publication EA-4/02.

Comment:

Environmental conditions:

Pressure: 102.499 \pm 0.043 kPa Temperature: 22.7 \pm 0.1 °C Relative humidity: 35.7 \pm 0.8 %RH

Date of calibration: 13/04/2021

Date of issue: 13/04/2021

Supervisor : Darren Batten TechIOA
 Engineer :



Markus Cross
 Software version: 6.0h


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Norsonic Agenda Item 13

Type: 1225

Serial no: 208201

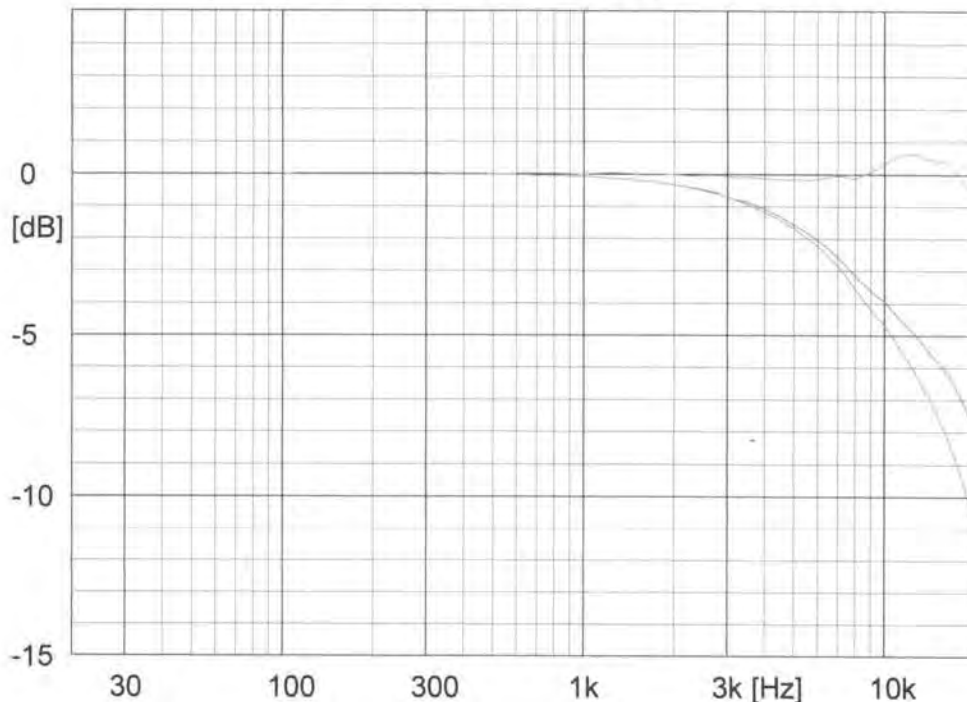
Sensitivity: 51.97 mV/Pa
-25.69 ±0.13 dB re. 1 V/Pa
Capacitance: 22.4 ±1.0 pF
Date: 13/04/2021

Signature: _____

Measurement conditions:
Polarisation voltage: 200.0 V
Pressure: 102.50 \pm 0.04 kPa
Temperature: 22.7 \pm 0.1 $^{\circ}$ C
Relative humidity: 35.7 \pm 0.8 %RH
Results are normalized to the reference conditions.

- Free field response
- Diffuse field response
- Pressure (Actuator) response

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Microphone Calibration Certificate

Norsonic
Type: 1225

Serial no: 208201

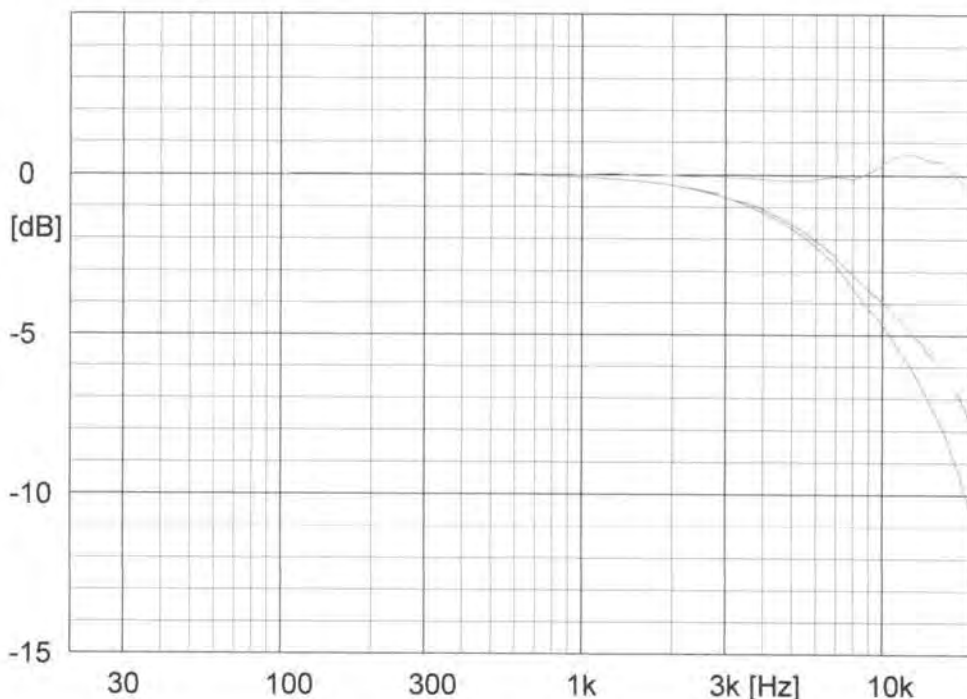
Sensitivity: 51.97 mV/Pa
-25.69 ±0.13 dB re. 1 V/Pa
Capacitance: 22.4 ±1.0 pF
Date: 13/04/2021

Signature:

Measurement conditions:
Polarisation voltage: 200.0 V
Pressure: 102.50 \pm 0.04 kPa
Temperature: 22.7 \pm 0.1 $^{\circ}$ C
Relative humidity: 35.7 \pm 0.8 %RH
Results are normalized to the reference conditions.

Free field response
Diffuse field response
Pressure (Actuator) response

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Comment:

Laboratory Location

Campbell Associates Ltd

5b Chelmsford Road Industrial Estate
 GREAT DUNMOW, Essex, GB-CM6 1HD
 Phone 01371 871030

**Certificate of Calibration**Certificate number: **U39705**Test Object: **Sound Level Meter, BS EN IEC 61672-1:2013 Class 1**

Producer: **Norsonic AS.**
 Type: **140**
 Serial number: **1406914**
 Customer: **The Airshed Ltd**
 Address: **5 Lauder Place, East Linton,
 East Lothian, EH40 3DB.**
 Contact Person: **Hilary Fraser**
 Order No: **AS 21-22**

Introduction:

Calibration has been performed as set out in CA Technical Procedures which are based on the procedures for periodic verification of sound level meters as per the **Test Object** listed above. Results and conformance statement are overleaf and detailed results, where appropriate, are provided in the attached Measurement Report.

Tested:	Producer	Type	Serial No	Certificate No
Microphone	Norsonic	1225	212990	39704
Calibrator*	Norsonic	1251	34961	U39703
Preamplifier	Norsonic	1209	21121	Included

* The calibrator was complete with any required coupler for the microphone specified.

Additional items that have also been submitted for verification:

Wind shield Norsonic Nor1451 (ø 60mm)

Attenuator -
 Extension cable Norsonic Nor1410A/2M

These items have been taken into account wherever appropriate.

Instruction Manual: Im140_1Ed8R0En Firmware Version: v4.0.1282 The test object is a single channel instrument.

Conditions	Pressure kPa	Temperature °C	Humidity %RH
Reference conditions	101.325	23	50
Measurement conditions	99.13 ±0.03	21.88 ±0.6	35.78 ±0.7

Calibration Dates:

Received date:	30/11/2021	Reviewed date:	10/12/2021
Calibration date:	10/12/2021	Issued date:	10/12/2021

Technicians: (Electronic certificate)

Calibrated by: **Palaniivel Marappan B.Eng (Hons), M.Sc**

Reviewed by: **Darren Batten**

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Certificate of Calibration

Continuation of Certificate number: **U39705**

The statements of conformance and observation notes detailed in this certificate are made with reference to the following standards in respect of the calibration of the test object.

Manufactured:	BS EN IEC 61672-1:2013
Periodic Tests:	BS EN IEC 61672-3:2013
Pattern Evaluation:	Not Applicable

Conformance:

From markings on the sound level meter or by reference to the manufacturer's published literature it has been determined that the instrument submitted for verification was originally manufactured to the listed standard and similarly that the associated sound calibrator conforms to the BS EN IEC 60942 standard.

Measurement Summary:

Indication at the calibration check frequency - IEC 61672-3 Ed.2.0 #10	Passed
Self-generated noise - IEC 61672-3 Ed.2.0 #11.2	Passed
Acoustical signal tests of a frequency weighting - IEC 61672-3 Ed.2.0 #12	Passed
Electrical signal tests of frequency weightings - IEC 61672-3 Ed.2.0 #13	Passed
Frequency weightings: A Network - IEC 61672-3 Ed.2.0 #13.3	Passed
Frequency weightings: C Network - IEC 61672-3 Ed.2.0 #13.3	Passed
Frequency weightings: Z Network - IEC 61672-3 Ed.2.0 #13.3	Passed
Frequency and time weightings at 1 kHz IEC 61672-3 Ed.2.0 #14	Passed
Level linearity on the reference level range - IEC 61672-3 Ed.2.0 #16	Passed
Toneburst response - IEC 61672-3 Ed.2.0 #18	Passed
Peak C sound level - IEC 61672-3 Ed.2.0 #19	Passed
Overload indication - IEC 61672-3 Ed.2.0 #20	Passed
High level stability test - IEC 61672-3 Ed.2.0 #21	Passed
Long term stability test - IEC 61672-3 Ed.2.0 #15	Passed

Comments

Correct level with associated calibrator is 113.8dB(A). Case reflections have been excluded as tests were made with a microphone extension cable.

Statement of Conformance

The sound level meter submitted for testing has successfully completed the periodic tests for the environmental conditions under which the tests were performed. However, no general statement of conclusion can be made about conformance of the sound level meter to the full requirements of the manufactured standard because evidence was not publicly available, from an independent testing organisation responsible for pattern approvals, to demonstrate that the model of sound level meter fully conformed to the requirements in the manufacturer's standard and because the periodic tests completed cover only a limited subset of the specifications in the relevant standard

Observations

Decision Rule

The decision rules will be applied in accordance with the procedure as described in BS EN 61672-3:2013.

This certificate relates only to the items tested above.

**** End of Certificate ****

Laboratory Location

Campbell Associates Ltd

5b Chelmsford Road Industrial Estate
 GREAT DUNMOW, Essex, GB-CM6 1HD
 Phone 01371 871030

**Certificate of Calibration**Certificate number: **39704**Test Object: **Measurement Microphone**Producer: **Norsonic AS.**Type: **1225**Serial number: **212990**Customer: **The Airshed Ltd**

Address: **5 Lauder Place, East Linton,
 East Lothian. EH40 3DB.**

Contact Person: **Hilary Fraser**Order No: **AS 21-22**

Measurement Results	Sensitivity (dB re 1V/Pa)	Sensitivity (mV/Pa)	Capacitance (pF)
Measurement 1	-25.43	53.52	23.85
Measurement 2	-25.43	53.52	23.87
Measurement 3	-25.43	53.50	23.86
Result (Average):	-25.43	53.51	23.86
Expanded Uncertainty:	0.10		1.00
Degree of Freedom:	>100		>100
Coverage Factor:	2		2

The stated sensitivity is the pressure sensitivity at 250Hz, S_{250} , and is valid at reference conditions. The following correction factors have been applied during the measurement:

Pressure:uncertainty dB/kPa Temperature:-0.005 dB/°C Humidity:0 dB/%RH

Conditions	Pressure kPa	Temperature °C	Humidity %RH
Reference conditions	101.325	23	50
Measurement conditions	99.079 ± 0.047	22.0 ± 0.2	35.6 ± 0.8

The calibration test report shown on the next page gives details of the response at other frequencies relative to this 250 Hz reference sensitivity. Results ≥100 Hz are obtained using an electrostatic actuator as described in BS EN 61094-6 and those below 100 Hz are obtained in a reference pressure chamber. Detailed results are available from the calibration laboratory upon request.

The reported expanded uncertainty of measurements is based on a standard uncertainty multiplied by the coverage factor of $k=2$, providing a coverage probability of approximately 95%. Where the degrees of freedom are insufficient to maintain this confidence level, the coverage factor is increased to maintain this confidence level.

Calibration Dates:

Received date: 30/11/2021 Reviewed date: 10/12/2021
 Calibration date: 10/12/2021 Issued date: 10/12/2021

Technicians: (Electronic certificate)Calibrated by: *Palanivel Marappan BEng(Hons), MSc*Reviewed by: *Darren Batten*

This certificate is issued in accordance with the CA Quality Management system. It provides traceability of measurement to recognized national standards, and to the units of measurement realized at the National Physical Laboratory or other recognized national standards laboratories. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Certificate of Calibration

Continuation of Certificate number: **39704**

Reference Calibrator: WSC2 - GRAS42AA-18277

Measurement Record: K:\C A\Calibration\Nor-1504\Nor-1017 MicCal\NOR1225_212990_M1.nmf

Preconditioning

The equipment was preconditioned for more than 12 hours at the specified calibration temperature and humidity.

Instruments and Program

A complete list of instruments, hardware and software that have been used for this calibration is available from the calibration laboratory

Traceability

The measured values for sound pressure, frequency, voltage, capacitance, temperature, humidity and ambient pressure are traceable to an accredited national physical laboratory.

Observations

The differences between the two results at 100 Hz are within normal limits bearing in mind the different test methods and are taken into account in arriving at the uncertainties of measurement.

Method of Calibration

The open circuit sensitivity of the microphone has been determined at 250 Hz against a reference laboratory standard measurement microphone by insert voltage techniques using a laboratory standard sound calibrator as a transfer standard. The electrostatic actuator frequency response was then obtained for frequencies above 100 Hz as described in BS EN IEC 61094-6. In addition, where requested the optional free field frequency response over the range 2 – 100 Hz has been obtained using a pressure chamber; in this case the reference frequency is 100 Hz. All of these results and their associated uncertainties are detailed in the table on page 3 of this certificate. See the observations field below for details of any discrepancies between the 100 Hz results obtained via the electrostatic actuator and pressure chamber.

The overall uncertainty at any frequency $\sigma_{\text{Combined},Fn}$ may be obtained by combining the uncertainty of the open circuit sensitivity σ_{S250} with the uncertainty of the actuator / or LF pressure response at any other frequency $\sigma_{\text{Act},Fn}$ where Fn is the uncertainty at the frequency of interest using the relationship:

$$\sigma_{\text{Combined},Fn} = 2\sqrt{(\sigma_{S250}^2 + \sigma_{\text{Act},Fn}^2)}$$

Appendix to this certificate

Where data is available from the microphone manufacturer to correct the actuator / pressure frequency response to obtain the random incidence and / or free field response it is shown in the appendix to this certificate. The uncertainty information relating to these corrections is the responsibility of the microphone manufacturer and when it is available the total uncertainty for the corrected frequency response at each point may then be obtained by including the correction uncertainty in the root-sum-square formula given above. These responses are outside the UKAS accredited scope, but are provided for information.

Observations

Certificate of Calibration

Continuation of Certificate number: 39704

Numerical Results for Relative Frequency Response

Actuator Results					
Freq	Actuator	Uncert.	Freq	Actuator	Uncert.
Hz	dB re 250 Hz	dB	Hz	dB re 250 Hz	dB
100.0	0.02	0.21	5,010.70	-2.19	0.24
112.2	0.02	0.21	5,622.00	-2.57	0.24
125.9	0.01	0.21	6,307.90	-2.98	0.24
141.3	0.01	0.21	7,077.50	-3.44	0.24
158.5	0.01	0.21	7,940.90	-3.92	0.24
177.9	0.00	0.21	8,909.70	-4.62	0.48
199.6	-0.01	0.21	9,996.70	-5.36	0.48
223.9	-0.01	0.21	11,216	-6.33	0.48
251.2	Ref	0.21	12,585	-6.82	0.48
281.9	-0.03	0.21	14,120	-7.33	0.48
316.3	-0.04	0.21	15,843	-7.81	0.48
354.9	-0.04	0.21	17,775	-8.76	0.70
398.2	-0.06	0.21	19,944	-9.86	0.70
446.7	-0.06	0.21	22377		0.90
501.2	-0.07	0.21	25107		0.90
562.4	-0.08	0.21	28170		0.90
631.0	-0.10	0.21	31607		0.90
708.0	-0.11	0.21	35463		0.90
794.4	-0.13	0.21	39790		0.90
891.3	-0.14	0.21	44644		0.90
1000.0	-0.16	0.21	50091		0.90
1122.0	-0.18	0.21	56202		1.20
1258.9	-0.21	0.21	63058		1.20
1412.5	-0.26	0.21	70752		1.20
1584.8	-0.32	0.21	79383		1.20
1778.1	-0.43	0.21	89068		1.20
1995.1	-0.51	0.21	99934		1.20
2238.5	-0.62	0.21	112126		-
2511.6	-0.74	0.21	125806		-
2818.0	-0.90	0.21	141154		-
3161.8	-1.09	0.21	158375		-
3547.5	-1.31	0.21	177696		-
3980.3	-1.56	0.21	199375		-
4465.9	-1.86	0.24	-		-

Low Frequency		
Freq	dB re	Uncert.
Hz	100 Hz	dB
2.0		0.7
2.2		0.7
2.5		0.7
2.8		0.7
3.2		0.7
3.6		0.7
4.0		0.7
4.5		0.7
5.0		0.7
5.6		0.7
6.3		0.7
7.1		0.7
8.0		0.7
8.9		0.7
10.0		0.7
11.2		0.7
12.6		0.7
14.1		0.7
15.9		0.7
17.8		0.7
20.0		0.7
22.4		0.7
25.1		0.7
28.2		0.7
31.6		0.7
35.5		0.7
39.8		0.7
44.7		0.7
50.1		0.7
56.3		0.7
63.1		0.7
70.8		0.7
79.5		0.7
89.2		0.7
100.0	Ref	0.7

Certificate of Calibration

Continuation of Certificate number: 39704

Appendix to certificate (not accredited). Random and Free Field Corrected Data

Corrected results, dB re 250 Hz					
Freq Hz	Random incidence corrected	Free field corrected	Freq Hz	Random incidence corrected	Free field corrected
100	0.02	0.02	5,010.70	-2.08	-0.66
112.2	0.02	0.02	5,622.00	-2.40	-0.72
125.9	0.01	0.01	6,307.90	-2.78	-0.67
141.3	0.01	0.01	7,077.50	-3.18	-0.60
158.5	0.01	0.01	7,940.90	-3.52	-0.53
177.9	0.00	0.00	8,909.70	-4.08	-0.45
199.6	-0.01	-0.01	9,996.70	-4.63	-0.35
223.9	-0.01	-0.01	11,216	-5.39	-0.34
251.2	-0.02	-0.02	12,585	-5.64	-0.04
281.9	-0.03	-0.03	14,120	-5.85	0.15
316.3	-0.04	-0.04	15,843	-5.94	0.59
354.9	-0.04	-0.04	17,775	-6.41	0.41
398.2	-0.06	-0.05	19,944	-7.01	0.15
446.7	-0.06	-0.05	22,377		
501.2	-0.07	-0.06	25,107		
562.4	-0.08	-0.06	28,170		
631	-0.10	-0.06	31,607		
708	-0.11	-0.07	35,463		
794.4	-0.13	-0.08	39,790		
891.3	-0.14	-0.08	44,644		
1,000.00	-0.16	-0.09	50,091		
1,122.00	-0.18	-0.07	56,202		
1,258.90	-0.21	-0.05	63,058		
1,412.50	-0.26	-0.09	70,752		
1,584.80	-0.32	-0.14	79,383		
1,778.10	-0.43	-0.19	89,068		
1,995.10	-0.51	-0.19	99,934		
2,238.50	-0.62	-0.26	112,126		
2,511.60	-0.72	-0.26	125,806		
2,818.00	-0.86	-0.30	141,154		
3,161.80	-1.09	-0.41	158,375		
3,547.50	-1.23	-0.44	177,696		
3,980.30	-1.46	-0.51	199,375		
4,465.90	-1.76	-0.61	-		

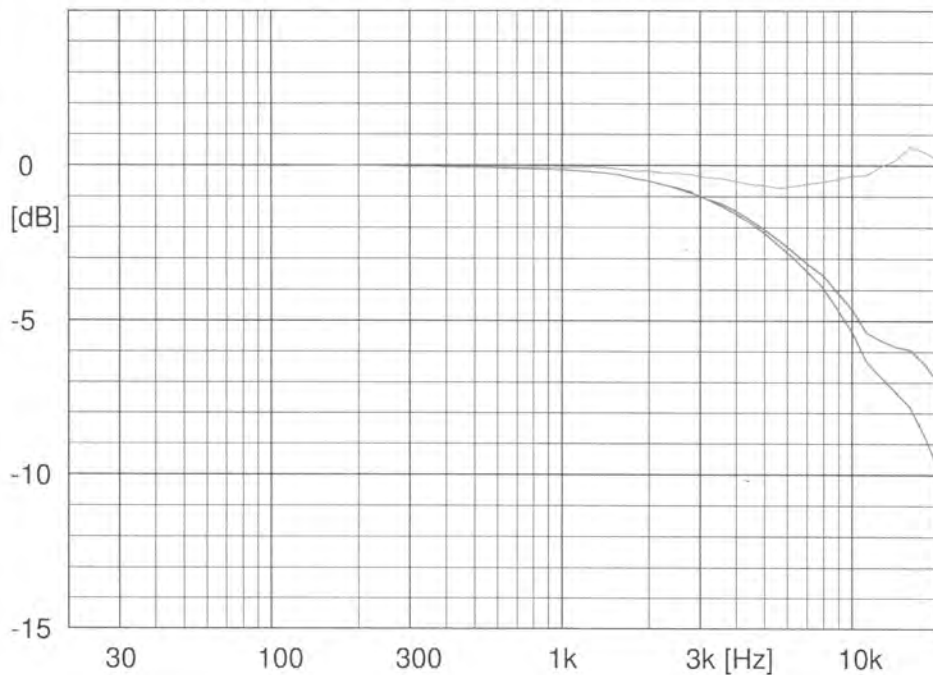
The corrections used to produce these random and free field responses are published by the manufacturer and they are responsible for the accuracy of the data and for the associated uncertainties to be applied. Campbell Associates Limited use their best endeavours to ensure the accuracy of this data but are not responsible for any errors, omissions or for ensuring that the data is of the current issue.

If the actuator response was not measured for any frequency, then the corresponding cell in the above table will be blank; similarly, if correction data is not available from the manufacturer the cell will also be blank.

Correction data for frequencies below 100 Hz are not required

** End of Table Section **

Microphone Calibration Certificate



Norsonic
Type: 1225

Agenda Item 13

Serial no: 212990

Sensitivity: 53.51 mV/Pa
-25.43 \pm 0.10 dB re. 1 V/Pa
Capacitance: 23.9 \pm 1.0 pF
Date: 10/12/2021

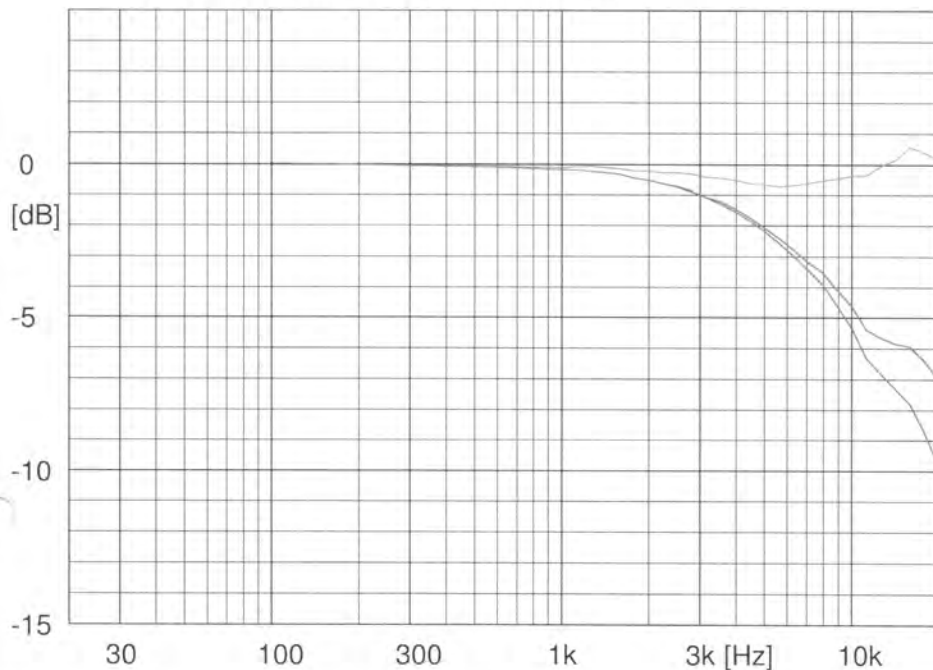
Signature:

Measurement conditions:
Polarisation voltage: 200.0 V
Pressure: 99.08 \pm 0.05 kPa
Temperature: 22.0 \pm 0.2 $^{\circ}$ C
Relative humidity: 35.6 \pm 0.8 %RH
Results are normalized to
the reference conditions.

Free field response
Diffuse field response
Pressure (Actuator) response

Campbell Associates
www.campbell-associates.co.uk

Microphone Calibration Certificate



Norsonic
Type: 1225

Serial no: 212990

Sensitivity: 53.51 mV/Pa
-25.43 \pm 0.10 dB re. 1 V/Pa
Capacitance: 23.9 \pm 1.0 pF
Date: 10/12/2021

Signature:

Measurement conditions:
Polarisation voltage: 200.0 V
Pressure: 99.08 \pm 0.05 kPa
Temperature: 22.0 \pm 0.2 $^{\circ}$ C
Relative humidity: 35.6 \pm 0.8 %RH
Results are normalized to
the reference conditions.

Free field response
Diffuse field response
Pressure (Actuator) response

Campbell Associates
www.campbell-associates.co.uk

Comment:

Laboratory Location

Campbell Associates Ltd

5b Chelmsford Road Industrial Estate
 GREAT DUNMOW, Essex, GB-CM6 1HD
 Phone 01371 871030

**Certificate of Calibration and Conformance**Certificate number: **U38655**Test Object: **Sound Level Meter, BS EN IEC 61672-1:2003 Class 1**

Producer: **Norsonic**
 Type: **140**
 Serial number: **1405074**
 Customer: **The Airshed Ltd**
 Address: **5 Lauder Place, East Linton,
 East Lothian. EH40 3DB.**
 Contact Person: **Hilary Fraser**
 Order No: **AS 21-08**

Introduction:

Calibration has been performed as set out in CA Technical Procedures which are based on the procedures for periodic verification of sound level meters as per the **Test Object** listed above. Results and conformance statement are overleaf and detailed results, where appropriate, are provided in the attached Measurement Report.

Tested:	Producer	Type	Serial No	Certificate No
Microphone	GRAS	40AF	114655	38654
Calibrator*	Norsonic	1251	31060	U37894
Preamplifier	Norsonic	1209	21254	included

* The calibrator was complete with any required coupler for the microphone specified.

Additional items that have also been submitted for verification:

Wind shield	-	-
Attenuator	-	-
Extension cable	-	-

These items have been taken into account wherever appropriate.

Instruction Manual: Im140_1Ed8R0En. Firmware Version: v2.1.670. The test object is a single channel instrument.

Conditions	Pressure kPa	Temperature °C	Humidity %RH
Reference conditions	101.325	23	50
Measurement conditions	99.28 +/-0.03	22.73 +/-0.1	39.00 +/-1.2

Calibration Dates:

Received date:	27/07/2021	Reviewed date:	06/08/2021
Calibration date:	06/08/2021	Issued date:	06/08/2021

Technicians: (Electronic certificate)Calibrated by: *Palanivel Marappan B.Eng (Hons), M.Sc*Reviewed by: *Darren Batten*

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Certificate of Calibration and Conformance

Continuation of Certificate number: U38655

The statements of conformance and observation notes detailed in this certificate are made with reference to the following standards in respect of the calibration of the test object.

Manufactured:	BS EN IEC 61672-1:2003
Periodics Tests:	BS EN IEC 61672-3:2006
Pattern Evaluation:	BS EN IEC 61672-2:2003

Conformance:

From markings on the sound level meter or by reference to the manufacturer's published literature it has been determined that the instrument submitted for verification was originally manufactured to the listed standard and similarly that the associated sound calibrator conforms to the BS EN IEC 60942 standard.

Measurement Summery:

Indication at the calibration check frequency - IEC61672-3 Ed.1 #9	Passed
Self-generated noise - IEC 61672-3 Ed.1 #10.2	Passed
Acoustical signal tests of a frequency weighting - IEC 61672-3 Ed.1 #11	Passed
Electrical signal tests of frequency weightings - IEC 61672-3 Ed.1 #12	Passed
Frequency weightings: A Network - IEC 61672-3 Ed.1 #12.3	Passed
Frequency weightings: C Network - IEC 61672-3 Ed.1 #12.3	Passed
Frequency weightings: Z Network - IEC 61672-3 Ed.1 #12.3	Passed
Frequency and time weightings at 1 kHz IEC 61672-3 Ed.1 #13	Passed
Level linearity on the reference level range - IEC 61672-3 Ed.1 #14	Passed
Toneburst response - IEC 61672-3 Ed.1 #16	Passed
Peak C sound level - IEC 61672-3 Ed.1 #17	Passed
Overload indication - IEC 61672-3 Ed.1 #18	Passed

Comments

Correct level with associated calibrator is 114.0dB(A).

Statement of Conformance

The sound level meter submitted has successfully completed the periodic tests of the standard listed for the environmental conditions under which the tests were performed. As public evidence(1) was available, from an independent testing organisation responsible for approving the results of pattern evaluation tests performed in accordance with the manufactured standard to demonstrate that the model of sound level meter fully conformed to the requirements of the said standard, the sound level meter submitted for testing conforms to the relevant class of the said standard.

(1 - evidence is held on file at the calibration laboratory)

Observations

Decision Rule

The decision rules will be applied in accordance with the procedure as described in BS EN 61672-3:2006.

This certificate relates only to the items tested above.

**** End of Certificate ****

Laboratory Location

Campbell Associates Ltd

5b Chelmsford Road Industrial Estate
 GREAT DUNMOW, Essex, GB-CM6 1HD
 Phone 01371 871030

**Certificate of Calibration**Certificate number: **38654**Test Object: **Measurement Microphone**Producer: **GRAS**Type: **40AF**Serial number: **114655**Customer: **The Airshed Ltd**

Address: **5 Lauder Place, East Linton,
 East Lothian. EH40 3DB.**

Contact Person: **Hilary Fraser**Order No: **AS 21-08**

Measurement Results	Sensitivity (dB re 1V/Pa)	Sensitivity (mV/Pa)	Capacitance (pF)
Measurement 1	-26.57	46.94	22.56
Measurement 2	-26.56	46.99	22.63
Measurement 3	-26.56	47.01	22.67
Result (Average):	-26.56	46.98	22.62
Expanded Uncertainty:	0.10		1.01
Degree of Freedom:	>100		>100
Coverage Factor:	2		2

The stated sensitivity is the pressure sensitivity at 250Hz, S_{250} , and is valid at reference conditions. The following correction factors have been applied during the measurement:

Pressure: -0.011 dB/kPa Temperature: -0.01 dB/°C Humidity: -0.001 dB/%RH

Conditions	Pressure kPa	Temperature °C	Humidity %RH
Reference conditions	101.325	23	50
Measurement conditions	99.257 ± 0.043	22.8 ± 0.1	39.1 ± 0.8

The calibration test report shown on the next page gives details of the response at other frequencies relative to this 250 Hz reference sensitivity. Results ≥100 Hz are obtained using an electrostatic actuator as described in BS EN 61094-6 and those below 100 Hz are obtained in a reference pressure chamber. Detailed results are available from the calibration laboratory upon request.

The reported expanded uncertainty of measurements is based on a standard uncertainty multiplied by the coverage factor of $k=2$, providing a coverage probability of approximately 95%. Where the degrees of freedom are insufficient to maintain this confidence level, the coverage factor is increased to maintain this confidence level.

Calibration Dates:

Received date:	27/07/2021	Reviewed date:	06/08/2021
Calibration date:	06/08/2021	Issued date:	06/08/2021

Technicians: (Electronic certificate)Calibrated by: *Palanivel Marappan BEng (Hons), MSc*Reviewed by: *Darren Batten*

This certificate is issued in accordance with the CA Quality Management system. It provides traceability of measurement to recognized national standards, and to the units of measurement realized at the National Physical Laboratory or other recognized national standards laboratories. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Certificate of Calibration

Continuation of Certificate number: 38654

Reference Calibrator: WSC1 - Nor1253-24269

Measurement Record: K:\C A\Calibration\Nor-1504\Nor-1017 MicCal\GRAS40AF_114655_M1.nmf

Preconditioning

The equipment was preconditioned for more than 12 hours at the specified calibration temperature and humidity.

Instruments and Program

A complete list of instruments, hardware and software that have been used for this calibration is available from the calibration laboratory

Traceability

The measured values for sound pressure, frequency, voltage, capacitance, temperature, humidity and ambient pressure are traceable to an accredited national physical laboratory.

Observations

The differences between the two results at 100 Hz are within normal limits bearing in mind the different test methods and are taken into account in arriving at the uncertainties of measurement.

Method of Calibration

The open circuit sensitivity of the microphone has been determined at 250 Hz against a reference laboratory standard measurement microphone by insert voltage techniques using a laboratory standard sound calibrator as a transfer standard. The electrostatic actuator frequency response was then obtained for frequencies above 100 Hz as described in BS EN IEC 61094-6. In addition, where requested the optional free field frequency response over the range 2 – 100 Hz has been obtained using a pressure chamber; in this case the reference frequency is 100 Hz. All of these results and their associated uncertainties are detailed in the table on page 3 of this certificate. See the observations field below for details of any discrepancies between the 100 Hz results obtained via the electrostatic actuator and pressure chamber.

The overall uncertainty at any frequency $\sigma_{\text{Combined},Fn}$ may be obtained by combining the uncertainty of the open circuit sensitivity σ_{S250} with the uncertainty of the actuator / or LF pressure response at any other frequency $\sigma_{\text{Act},Fn}$ where Fn is the uncertainty at the frequency of interest using the relationship:

$$\sigma_{\text{Combined},Fn} = 2\sqrt{(\sigma_{S250}^2 + \sigma_{\text{Act},Fn}^2)}$$

Appendix to this certificate

Where data is available from the microphone manufacturer to correct the actuator / pressure frequency response to obtain the random incidence and / or free field response it is shown in the appendix to this certificate. The uncertainty information relating to these corrections is the responsibility of the microphone manufacturer and when it is available the total uncertainty for the corrected frequency response at each point may then be obtained by including the correction uncertainty in the root-sum-square formula given above. These responses are outside the UKAS accredited scope, but are provided for information.

Observations

Appendix 2 – ATC Survey Data (Raw)

A904 Newton

27 May 2022

Time [--]	Total	Speed Categories																			Classes			Mean Speed	85th %ile	
		0-5 mph	5-10 mph	10-15 mph	15-20 mph	20-25 mph	25-30 mph	30-35 mph	35-40 mph	40-45 mph	45-50 mph	50-55 mph	55-60 mph	60-65 mph	65-70 mph	70-75 mph	75-80 mph	80-85 mph	85-90 mph	90-95 mph	95-100 mph	Cls 1 Light	Cls 2 Medium			Cls 3 Heavy
0000	23	0	0	0	0	1	10	9	2	0	1	0	0	0	0	0	0	0	0	0	0	20	3	0	30.8	34.5
0100	7	0	0	0	0	0	3	1	2	0	1	0	0	0	0	0	0	0	0	0	0	4	3	0	33.2	-
0200	15	0	0	0	2	3	2	4	3	0	0	1	0	0	0	0	0	0	0	0	0	9	1	5	30.2	37.8
0300	25	0	0	0	1	2	3	7	6	1	4	1	0	0	0	0	0	0	0	0	0	19	4	2	35	45.4
0400	36	0	0	0	0	5	4	9	11	4	2	1	0	0	0	0	0	0	0	0	0	26	4	6	34.2	40.6
0500	133	0	0	0	0	14	21	47	27	18	5	1	0	0	0	0	0	0	0	0	0	118	11	4	33.9	40.8
0600	428	0	0	0	4	36	130	157	75	21	3	0	2	0	0	0	0	0	0	0	0	338	81	9	31.6	36.6
0700	702	0	0	0	29	150	292	173	42	14	1	0	1	0	0	0	0	0	0	0	0	547	144	11	28.3	33.4
0800	592	0	0	0	26	156	245	127	36	2	0	0	0	0	0	0	0	0	0	0	0	486	96	10	27.6	32.3
0900	394	0	0	2	11	113	148	86	30	4	0	0	0	0	0	0	0	0	0	0	0	313	73	8	27.7	32.9
1000	367	0	0	0	21	98	152	78	12	5	0	1	0	0	0	0	0	0	0	0	0	315	47	5	27.3	31.4
1100	415	0	0	3	32	133	153	73	19	2	0	0	0	0	0	0	0	0	0	0	0	368	40	7	26.4	31.5
1200	480	0	0	6	33	143	193	86	17	2	0	0	0	0	0	0	0	0	0	0	0	414	60	6	26.4	31.4
1300	440	0	0	0	12	135	190	81	18	4	0	0	0	0	0	0	0	0	0	0	0	394	45	1	27	31.2
1400	485	0	0	0	15	139	234	81	12	3	1	0	0	0	0	0	0	0	0	0	0	428	50	7	27	31
1500	531	0	1	4	14	163	201	130	17	1	0	0	0	0	0	0	0	0	0	0	0	470	55	6	27.1	32.1
1600	568	0	0	9	31	157	228	112	26	4	1	0	0	0	0	0	0	0	0	0	0	502	57	9	26.8	31.9
1700	527	0	0	2	22	95	197	167	42	1	1	0	0	0	0	0	0	0	0	0	0	489	36	2	28.6	33.2
1800	393	0	0	3	12	97	151	98	32	0	0	0	0	0	0	0	0	0	0	0	0	360	30	3	27.9	33.3
1900	250	0	1	2	14	41	84	72	28	8	0	0	0	0	0	0	0	0	0	0	0	228	22	0	28.9	34.7
2000	161	0	0	0	7	38	48	46	16	1	5	0	0	0	0	0	0	0	0	0	0	138	19	4	28.9	34.9
2100	132	0	0	2	6	25	43	36	15	3	2	0	0	0	0	0	0	0	0	0	0	123	6	3	28.9	35
2200	122	0	0	0	8	28	32	35	17	1	1	0	0	0	0	0	0	0	0	0	0	114	7	1	28.6	35.1
2300	63	0	0	0	2	14	18	12	12	4	0	1	0	0	0	0	0	0	0	0	0	60	3	0	30.5	37.7
07-19	5894	0	1	29	258	1579	2384	1292	303	42	4	1	1	0	0	0	0	0	0	0	0	5086	733	75	27.4	32.2
06-22	6865	0	2	33	289	1719	2689	1603	437	75	14	1	3	0	0	0	0	0	0	0	0	5913	861	91	27.7	32.8
06-00	7050	0	2	33	299	1761	2739	1650	466	80	15	2	3	0	0	0	0	0	0	0	0	6087	871	92	27.8	32.9
00-00	7289	0	2	33	302	1786	2782	1727	517	103	28	6	3	0	0	0	0	0	0	0	0	6283	897	109	28	33.2

28 May 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	29	0	0	0	0	2	6	12	5	4	0	0	0	0	0	0	0	0	0	0	27	1	1	32.8	39.5	
0100	15	0	0	0	0	0	1	8	3	1	0	2	0	0	0	0	0	0	0	0	12	0	3	36.4	47.1	
0200	6	0	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	4	1	1	34.2	-	
0300	9	0	0	0	0	0	2	2	2	0	2	1	0	0	0	0	0	0	0	0	6	3	0	37.5	-	
0400	32	0	0	0	0	4	5	3	8	8	3	1	0	0	0	0	0	0	0	0	28	3	1	35.6	41.3	
0500	80	0	0	0	0	11	20	17	20	9	2	1	0	0	0	0	0	0	0	0	64	11	5	33	40	
0600	163	0	0	0	3	14	33	42	49	15	7	0	0	0	0	0	0	0	0	0	124	34	5	33.3	39.5	
0700	198	0	0	0	0	14	45	52	53	29	3	2	0	0	0	0	0	0	0	0	146	49	3	33.8	40.5	
0800	232	0	0	0	7	34	82	68	35	4	2	0	0	0	0	0	0	0	0	0	204	26	2	30	35.5	
0900	296	0	1	0	18	72	102	77	20	4	1	1	0	0	0	0	0	0	0	0	255	34	7	28	33.2	
1000	410	0	0	1	15	147	141	88	16	2	0	0	0	0	0	0	0	0	0	0	371	38	1	26.9	31.8	
1100	453	0	0	3	13	135	200	87	13	2	0	0	0	0	0	0	0	0	0	0	418	34	1	27	31.5	
1200	505	0	0	0	45	154	186	99	18	3	0	0	0	0	0	0	0	0	0	0	473	30	2	26.6	31.3	
1300	524	0	0	0	18	214	219	50	22	1	0	0	0	0	0	0	0	0	0	0	504	18	2	26	29.6	

Airshed

Northbound

1400	498	0	0	1	23	159	223	79	11	2	0	0	0	0	0	0	0	0	0	0	0	0	477	19	2	26.3	30.7
1500	477	0	1	6	31	161	183	82	12	1	0	0	0	0	0	0	0	0	0	0	0	0	453	19	5	26.1	30.9
1600	464	0	0	3	32	151	190	72	15	0	0	0	1	0	0	0	0	0	0	0	0	0	440	20	4	26.3	30.8
1700	430	0	0	10	34	128	159	77	17	3	1	1	0	0	0	0	0	0	0	0	0	0	407	21	2	26.4	31.5
1800	335	0	0	0	9	86	138	72	24	6	0	0	0	0	0	0	0	0	0	0	0	0	310	24	1	28.1	33.4
1900	254	0	0	2	4	40	105	81	18	4	0	0	0	0	0	0	0	0	0	0	0	0	244	9	1	29	33.6
2000	132	0	0	0	8	32	38	36	12	4	1	1	0	0	0	0	0	0	0	0	0	0	122	8	2	28.7	34.9
2100	100	0	0	0	2	8	37	35	12	6	0	0	0	0	0	0	0	0	0	0	0	0	93	7	0	30.6	36.2
2200	95	0	0	0	6	18	32	28	10	0	0	1	0	0	0	0	0	0	0	0	0	0	93	2	0	28.9	34.3
2300	71	0	0	0	0	19	29	13	7	2	0	1	0	0	0	0	0	0	0	0	0	0	65	6	0	28.8	34.3
07-19	4822	0	2	24	245	1455	1868	903	256	57	7	4	1	0	0	0	0	0	0	0	0	0	4458	332	32	27.1	32
06-22	5471	0	2	26	262	1549	2081	1097	347	86	15	5	1	0	0	0	0	0	0	0	0	0	5041	390	40	27.5	32.7
06-00	5637	0	2	26	268	1586	2142	1138	364	88	15	7	1	0	0	0	0	0	0	0	0	0	5199	398	40	27.5	32.8
00-00	5808	0	2	26	268	1603	2176	1184	404	110	22	12	1	0	0	0	0	0	0	0	0	0	5340	417	51	27.7	33

29 May 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	45	0	0	0	0	8	13	10	10	3	0	0	1	0	0	0	0	0	0	0	0	40	3	2	31.1	37.1
0100	17	0	0	0	1	3	0	3	8	2	0	0	0	0	0	0	0	0	0	0	0	16	1	0	33.7	40
0200	14	0	0	0	0	2	5	1	2	2	1	1	0	0	0	0	0	0	0	0	0	12	0	2	33.4	45.1
0300	14	0	0	0	0	1	6	4	2	1	0	0	0	0	0	0	0	0	0	0	0	11	3	0	35.3	41.2
0400	21	0	0	0	1	5	1	3	7	4	0	0	0	0	0	0	0	0	0	0	0	16	3	2	32.7	43.2
0500	50	0	0	0	0	4	8	14	11	7	4	2	0	0	0	0	0	0	0	0	0	45	2	3	35.3	44.2
0600	109	0	0	0	3	13	17	25	30	12	5	3	0	0	1	0	0	0	0	0	0	100	7	2	34.2	41.9
0700	95	0	0	0	1	9	15	35	27	6	1	1	0	0	0	0	0	0	0	0	0	81	14	0	33.2	38.5
0800	195	0	0	0	13	15	43	70	38	12	2	1	1	0	0	0	0	0	0	0	0	175	17	3	31.5	36.9
0900	278	0	0	1	13	57	108	80	16	3	0	0	0	0	0	0	0	0	0	0	0	260	14	4	28.1	33.1
1000	354	0	0	3	5	100	149	70	24	3	0	0	0	0	0	0	0	0	0	0	0	328	23	3	27.7	32.3
1100	485	0	0	1	11	147	201	111	13	1	0	0	0	0	0	0	0	0	0	0	0	457	27	1	27.2	31.4
1200	543	0	0	2	35	134	261	99	12	0	0	0	0	0	0	0	0	0	0	0	0	512	26	5	26.6	30.8
1300	498	0	0	1	25	149	219	84	18	2	0	0	0	0	0	0	0	0	0	0	0	462	30	6	26.6	31.1
1400	459	0	0	1	19	159	200	72	7	1	0	0	0	0	0	0	0	0	0	0	0	433	21	5	26.4	30.6
1500	481	0	0	0	25	154	222	76	3	0	1	0	0	0	0	0	0	0	0	0	0	450	28	3	26.2	30.3
1600	445	0	0	0	32	137	183	84	7	1	1	0	0	0	0	0	0	0	0	0	0	409	22	14	26.3	30.9
1700	440	0	0	0	9	86	220	107	16	2	0	0	0	0	0	0	0	0	0	0	0	415	23	2	28	32
1800	301	0	0	1	15	76	113	69	26	1	0	0	0	0	0	0	0	0	0	0	0	270	28	3	27.6	32.8
1900	212	0	0	0	3	37	88	62	16	3	3	0	0	0	0	0	0	0	0	0	0	195	15	2	29.2	33.7
2000	146	0	0	0	0	22	58	47	15	3	1	0	0	0	0	0	0	0	0	0	0	133	9	4	30	34.8
2100	111	0	0	0	2	13	34	34	19	8	1	0	0	0	0	0	0	0	0	0	0	107	4	0	31.1	37.5
2200	59	0	0	0	2	13	10	20	11	2	1	0	0	0	0	0	0	0	0	0	0	55	2	2	30.2	36.1
2300	34	0	0	0	0	7	5	15	3	1	3	0	0	0	0	0	0	0	0	0	0	32	1	1	31.5	36.9
07-19	4574	0	0	10	203	1223	1934	957	207	32	5	2	1	0	0	0	0	0	0	0	0	4252	273	49	27.3	31.9
06-22	5152	0	0	10	211	1308	2131	1125	287	58	15	5	1	0	1	0	0	0	0	0	0	4787	308	57	27.7	32.3
06-00	5245	0	0	10	213	1328	2146	1160	301	61	19	5	1	0	1	0	0	0	0	0	0	4874	311	60	27.7	32.4
00-00	5406	0	0	10	215	1350	2174	1197	343	81	25	8	2	0	1	0	0	0	0	0	0	5014	323	69	27.9	32.8

30 May 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	15	0	0	0	0	1	4	2	2	4	2	0	0	0	0	0	0	0	0	0	0	14	1	0	35.8	45.3
0100	4	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	34.1	-
0200	10	0	0	0	1	3	1	3	0	2	0	0	0	0	0	0	0	0	0	0	0	7	1	2	30.5	-

Airshed

Northbound

0300	7	0	0	0	0	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	2	29.9	-
0400	25	0	0	0	0	1	7	4	5	5	2	0	0	0	0	0	0	0	0	0	0	0	18	3	4	33.9	41.5
0500	148	0	0	1	0	15	28	62	29	11	2	0	0	0	0	0	0	0	0	0	0	0	123	20	5	32	36.9
0600	469	0	0	0	6	70	162	162	57	10	1	1	0	0	0	0	0	0	0	0	0	0	376	78	15	30	35
0700	723	0	0	4	14	154	285	203	56	7	0	0	0	0	0	0	0	0	0	0	0	0	595	118	10	28.4	33.6
0800	617	0	1	6	76	191	231	95	14	3	0	0	0	0	0	0	0	0	0	0	0	0	521	86	10	25.6	30.5
0900	394	0	0	2	70	122	116	75	8	1	0	0	0	0	0	0	0	0	0	0	0	0	318	71	5	25.2	31.2
1000	327	0	4	16	73	111	89	26	7	0	1	0	0	0	0	0	0	0	0	0	0	0	265	54	8	23.3	29
1100	391	0	0	8	32	131	153	61	6	0	0	0	0	0	0	0	0	0	0	0	0	0	335	49	7	25.7	30.8
1200	342	0	0	2	16	92	150	70	12	0	0	0	0	0	0	0	0	0	0	0	0	0	293	43	6	27	31.6
1300	374	0	0	4	24	114	167	58	7	0	0	0	0	0	0	0	0	0	0	0	0	0	320	46	8	26.1	30.3
1400	368	0	0	6	40	210	82	26	3	0	0	1	0	0	0	0	0	0	0	0	0	0	305	56	7	23.9	27.3
1500	387	0	1	11	42	119	178	32	4	0	0	0	0	0	0	0	0	0	0	0	0	0	330	56	1	24.9	29
1600	474	0	0	13	37	144	196	70	14	0	0	0	0	0	0	0	0	0	0	0	0	0	416	50	8	25.8	30.4
1700	531	0	0	3	42	199	227	56	3	0	0	0	0	0	1	20	0	0	0	0	0	0	471	55	5	25.4	29.2
1800	373	0	1	3	9	91	183	67	18	1	0	0	0	0	0	0	0	0	0	0	0	0	343	22	8	27.3	32
1900	202	0	0	2	7	52	78	44	14	4	1	0	0	0	0	0	0	0	0	0	0	0	183	16	3	27.7	32.9
2000	144	0	0	4	10	29	43	42	13	2	1	0	0	0	0	0	0	0	0	0	0	0	131	8	5	28	33.7
2100	121	0	0	0	3	25	49	34	9	1	0	0	0	0	0	0	0	0	0	0	0	0	110	9	2	28.3	33.1
2200	57	0	0	0	2	9	18	17	7	3	0	1	0	0	0	0	0	0	0	0	0	0	53	0	4	30.1	36.8
2300	36	0	0	0	0	4	13	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	33	2	1	30.6	37.5
07-19	5301	0	7	78	475	1678	2057	839	152	12	1	1	0	1	0	0	0	0	0	0	0	0	4512	706	83	25.9	30.8
06-22	6237	0	7	84	501	1854	2389	1121	245	29	4	2	0	1	0	0	0	0	0	0	0	0	5312	817	108	26.3	31.4
06-00	6330	0	7	84	503	1867	2420	1150	256	35	4	3	0	1	0	0	0	0	0	0	0	0	5398	819	113	26.4	31.5
00-00	6539	0	7	85	505	1888	2463	1225	295	57	10	3	0	1	0	0	0	0	0	0	0	0	5569	844	126	26.6	31.8

31 May 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	21	0	0	0	4	1	10	2	2	1	0	1	0	0	0	0	0	0	0	0	0	15	2	4	29.4	38.9
0100	17	0	0	0	1	4	4	5	3	0	0	0	0	0	0	0	0	0	0	0	0	14	2	1	29.2	36.4
0200	11	0	0	0	0	5	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	4	1	6	27.5	35.1
0300	18	0	0	0	0	1	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	12	2	4	29.8	33.6
0400	43	0	0	0	0	5	17	13	6	1	1	0	0	0	0	0	0	0	0	0	0	31	9	3	30.9	37.1
0500	151	0	0	0	6	20	45	61	17	2	0	0	0	0	0	0	0	0	0	0	0	134	10	7	29.9	34.3
0600	509	0	2	2	23	86	195	157	39	5	0	0	0	0	0	0	0	0	0	0	0	411	86	12	28.5	33.4
0700	757	0	0	6	43	193	375	118	21	0	1	0	0	0	0	0	0	0	0	0	0	625	120	12	26.7	30.6
0800	638	0	0	9	51	226	272	73	6	1	0	0	0	0	0	0	0	0	0	0	0	542	85	11	25.4	29.6
0900	356	0	2	14	27	109	130	59	11	2	1	0	0	0	0	0	1	0	0	0	0	277	70	9	25.8	31.1
1000	337	0	0	0	29	111	135	55	6	1	0	0	0	0	0	0	0	0	0	0	0	271	59	7	26.1	30.6
1100	334	0	5	23	67	135	79	23	2	0	0	0	0	0	0	0	0	0	0	0	0	275	54	5	22.5	27.2
1200	366	0	0	1	34	153	140	32	6	0	0	0	0	0	0	0	0	0	0	0	0	316	47	3	25	29
1300	361	0	0	5	27	132	162	32	3	0	0	0	0	0	0	0	0	0	0	0	0	295	60	6	25.2	29.3
1400	393	0	0	12	31	131	177	40	2	0	0	0	0	0	0	0	0	0	0	0	0	345	43	5	25	29.2
1500	443	0	0	6	41	166	176	49	5	0	0	0	0	0	0	0	0	0	0	0	0	385	49	9	25	29.3
1600	504	0	0	3	16	174	234	71	4	1	0	0	0	0	0	0	1	0	0	0	0	458	41	5	26.2	30.1
1700	522	0	4	15	32	145	237	78	10	1	0	0	0	0	0	0	0	0	0	0	0	475	41	6	26	30.4
1800	390	0	0	1	34	95	182	64	11	3	0	0	0	0	0	0	0	0	0	0	0	361	28	1	26.7	31.2
1900	215	0	0	0	8	51	93	52	8	2	1	0	0	0	0	0	0	0	0	0	0	202	13	0	27.8	32.4
2000	152	0	0	1	2	33	51	47	9	9	0	0	0	0	0	0	0	0	0	0	0	138	7	7	29.4	34.5
2100	115	0	0	1	12	39	36	20	5	2	0	0	0	0	0	0	0	0	0	0	0	106	8	1	26.3	31.6
2200	87	0	0	1	5	19	35	18	7	1	0	0	0	1	0	0	0	0	0	0	0	81	5	1	28	33.3
2300	35	0	0	0	0	4	12	11	6	0	2	0	0	0	0	0	0	0	0	0	0	32	0	3	30.9	36.8
07-19	5401	0	11	95	432	1770	2299	694	87	9	2	0	0	0	0	0	2	0	0	0	0	4625	697	79	25.6	30
06-22	6392	0	13	99	477	1979	2674	970	148	27	3	0	0	0	0	0	2	0	0	0	0	5482	811	99	26	30.5
06-00	6514	0	13	100	482	2002	2721	999	161	28	5	0	0	1	0	0	2	0	0	0	0	5595	816	103	26	30.6

Airshed

Northbound

00-00	6775	0	13	100	493	2038	2809	1090	190	32	6	1	0	1	0	0	2	0	0	0	0	5805	842	128	26.2	30.9
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01 June 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	15	0	0	0	0	2	4	7	1	1	0	0	0	0	0	0	0	0	0	0	0	12	1	2	30.3	35.2
0100	15	0	0	0	0	0	3	12	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	1	31.1	33.1
0200	20	0	0	0	1	3	4	9	3	0	0	0	0	0	0	0	0	0	0	0	0	12	4	4	29.9	35.9
0300	16	0	0	0	0	2	8	4	1	1	0	0	0	0	0	0	0	0	0	0	0	5	4	7	29.4	33.9
0400	47	0	0	0	1	16	9	11	6	4	0	0	0	0	0	0	0	0	0	0	0	32	6	9	29.1	36.1
0500	171	0	0	0	9	28	44	68	17	4	1	0	0	0	0	0	0	0	0	0	0	141	19	11	29.6	34.7
0600	498	0	0	1	26	117	161	161	28	4	0	0	0	0	0	0	0	0	0	0	0	416	71	11	28.1	33.3
0700	687	0	1	5	33	203	284	132	24	5	0	0	0	0	0	0	0	0	0	0	0	566	112	9	26.9	31.4
0800	584	0	0	3	38	160	295	77	8	2	1	0	0	0	0	0	0	0	0	0	0	486	92	6	26.3	30.1
0900	302	0	0	4	27	102	130	37	2	0	0	0	0	0	0	0	0	0	0	0	0	246	52	4	25.4	29.9
1000	358	0	1	3	35	141	142	33	1	0	0	0	0	0	0	0	0	2	0	0	0	295	60	3	25.1	29
1100	358	0	2	3	24	110	173	40	5	1	0	0	0	0	0	0	0	0	0	0	0	295	58	5	25.6	29.6
1200	390	0	2	4	21	145	160	53	5	0	0	0	0	0	0	0	0	0	0	0	0	343	45	2	25.6	29.9
1300	387	0	0	2	23	137	173	41	10	0	1	0	0	0	0	0	0	0	0	0	0	322	61	4	25.9	29.6
1400	390	0	1	3	37	146	165	33	5	0	0	0	0	0	0	0	0	0	0	0	0	328	56	6	25.2	29.2
1500	448	0	5	7	47	164	150	64	11	0	0	0	0	0	0	0	0	0	0	0	0	386	54	8	25.1	30.3
1600	539	0	1	3	40	173	233	80	9	0	0	0	0	0	0	0	0	0	0	0	0	493	44	2	26	30.3
1700	533	0	4	7	22	146	265	77	11	0	0	1	0	0	0	0	0	0	0	0	0	495	38	0	26.3	30.2
1800	376	0	1	3	31	106	168	60	7	0	0	0	0	0	0	0	0	0	0	0	0	344	28	4	26.1	30.4
1900	216	0	0	0	11	56	99	40	7	0	0	0	0	3	0	0	0	0	0	0	0	198	17	1	27.4	31.7
2000	155	0	0	1	11	28	60	34	20	1	0	0	0	0	0	0	0	0	0	0	0	141	10	4	28.2	34
2100	148	0	0	1	4	25	56	43	17	2	0	0	0	0	0	0	0	0	0	0	0	137	8	3	29.3	34.7
2200	93	0	0	0	0	15	42	20	12	4	0	0	0	0	0	0	0	0	0	0	0	87	3	3	29.5	35.6
2300	60	0	0	0	4	9	15	24	7	1	0	0	0	0	0	0	0	0	0	0	0	56	2	2	29.3	34.9
07-19	5352	0	18	47	378	1733	2338	727	98	8	2	1	0	0	0	0	0	2	0	0	0	4599	700	53	25.9	30.1
06-22	6369	0	18	50	430	1959	2714	1005	170	15	2	1	0	3	0	0	0	2	0	0	0	5491	806	72	26.3	30.8
06-00	6522	0	18	50	434	1983	2771	1049	189	20	2	1	0	3	0	0	0	2	0	0	0	5634	811	77	26.3	30.8
00-00	6806	0	18	50	445	2034	2843	1160	217	30	3	1	0	3	0	0	0	2	0	0	0	5850	845	111	26.5	31.1

02 June 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	35	0	0	0	1	8	10	13	2	0	0	1	0	0	0	0	0	0	0	0	0	30	1	4	29.5	33.8
0100	13	0	0	0	0	2	2	4	3	2	0	0	0	0	0	0	0	0	0	0	0	8	3	2	32.1	40.2
0200	14	0	0	0	1	1	4	7	1	0	0	0	0	0	0	0	0	0	0	0	0	6	3	5	29.3	32.2
0300	23	0	0	0	1	8	7	6	1	0	0	0	0	0	0	0	0	0	0	0	0	17	3	3	27.8	34
0400	35	0	0	0	1	4	11	14	5	0	0	0	0	0	0	0	0	0	0	0	0	28	5	2	30.1	35.5
0500	129	0	0	0	10	21	26	42	20	9	0	1	0	0	0	0	0	0	0	0	0	107	12	10	30.5	37.4
0600	412	0	0	0	8	40	159	155	42	7	1	0	0	0	0	0	0	0	0	0	0	348	55	9	30.1	34.4
0700	550	0	3	2	18	96	229	167	32	2	1	0	0	0	0	0	0	0	0	0	0	451	88	11	28.2	32.8
0800	427	0	0	5	20	103	201	79	18	1	0	0	0	0	0	0	0	0	0	0	0	342	74	11	27	31.3
0900	362	0	0	3	28	120	142	61	7	1	0	0	0	0	0	0	0	0	0	0	0	300	59	3	26.1	30.9
1000	395	0	0	5	23	150	144	63	10	0	0	0	0	0	0	0	0	0	0	0	0	337	50	8	26	30.6
1100	477	0	2	13	67	213	151	28	3	0	0	0	0	0	0	0	0	0	0	0	0	416	56	5	23.7	28.1
1200	469	0	0	2	37	174	207	46	3	0	0	0	0	0	0	0	0	0	0	0	0	415	48	6	25.2	29.2
1300	444	0	0	5	41	144	200	50	4	0	0	0	0	0	0	0	0	0	0	0	0	381	56	7	25.3	29.3
1400	461	0	2	7	34	145	214	50	8	1	0	0	0	0	0	0	0	0	0	0	0	415	44	2	25.6	29.8
1500	424	0	0	3	42	147	187	40	5	0	0	0	0	0	0	0	0	0	0	0	0	377	40	7	25.3	29.2

Airshed

Northbound

1600	504	0	1	7	47	138	236	67	7	1	0	0	0	0	0	0	0	0	0	0	0	455	47	2	25.7	30
1700	445	0	1	8	21	161	185	68	1	0	0	0	0	0	0	0	0	0	0	0	0	397	45	3	25.7	30.1
1800	370	0	0	1	10	78	169	101	11	0	0	0	0	0	0	0	0	0	0	0	0	341	26	3	27.7	31.4
1900	258	0	0	0	7	55	107	76	8	5	0	0	0	0	0	0	0	0	0	0	0	240	17	1	28.3	32.7
2000	163	0	0	0	8	33	59	49	12	2	0	0	0	0	0	0	0	0	0	0	0	153	9	1	28.5	33.7
2100	149	0	0	0	4	19	65	48	13	0	0	0	0	0	0	0	0	0	0	0	0	132	16	1	29.2	34
2200	110	0	0	1	4	23	47	29	5	1	0	0	0	0	0	0	0	0	0	0	0	102	8	0	28	33.1
2300	57	0	0	0	2	16	19	15	5	0	0	0	0	0	0	0	0	0	0	0	0	50	6	1	28.2	33.9
07-19	5328	0	9	61	388	1669	2265	820	109	6	1	0	0	0	0	0	0	0	0	0	0	4627	633	68	26	30.4
06-22	6310	0	9	61	415	1816	2655	1148	184	20	2	0	0	0	0	0	0	0	0	0	0	5500	730	80	26.5	31.1
06-00	6477	0	9	62	421	1855	2721	1192	194	21	2	0	0	0	0	0	0	0	0	0	0	5652	744	81	26.5	31.2
00-00	6726	0	9	62	435	1899	2781	1278	226	32	2	2	0	0	0	0	0	0	0	0	0	5848	771	107	26.7	31.4

A904 Newton

27 May 2022

Time [--]	Total	Speed Categories																			Classes			Mean Speed	85th %ile	
		0-5 mph	5-10 mph	10-15 mph	15-20 mph	20-25 mph	25-30 mph	30-35 mph	35-40 mph	40-45 mph	45-50 mph	50-55 mph	55-60 mph	60-65 mph	65-70 mph	70-75 mph	75-80 mph	80-85 mph	85-90 mph	90-95 mph	95-100 mph	Cls 1 Light	Cls 2 Medium			Cls 3 Heavy
0000	42	0	0	1	4	9	19	6	2	0	1	0	0	0	0	0	0	0	0	0	0	38	3	1	26.6	31.8
0100	16	0	0	0	4	5	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	12	3	1	25	33.7
0200	15	0	0	0	2	5	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	13	1	1	25.8	33.9
0300	19	0	0	0	2	1	12	3	1	0	0	0	0	0	0	0	0	0	0	0	0	16	2	1	27.3	31.9
0400	39	0	0	0	0	9	8	17	5	0	0	0	0	0	0	0	0	0	0	0	0	24	12	3	29.7	34.8
0500	74	0	0	0	0	19	27	15	10	3	0	0	0	0	0	0	0	0	0	0	0	62	11	1	29.2	35.7
0600	216	0	0	0	13	57	85	46	12	3	0	0	0	0	0	0	0	0	0	0	0	187	28	1	27.4	32.1
0700	390	0	3	4	63	153	112	48	7	0	0	0	0	0	0	0	0	0	0	0	0	338	47	5	24.5	29.8
0800	442	0	5	16	92	230	84	14	1	0	0	0	0	0	0	0	0	0	0	0	0	391	45	6	22.3	26.6
0900	407	0	7	25	104	189	66	12	4	0	0	0	0	0	0	0	0	0	0	0	0	333	69	5	21.8	25.9
1000	419	0	1	9	149	198	53	7	0	2	0	0	0	0	0	0	0	0	0	0	0	365	49	5	21.3	25.1
1100	484	0	0	15	174	218	69	7	1	0	0	0	0	0	0	0	0	0	0	0	0	424	50	10	21.2	25.3
1200	547	0	8	27	163	263	70	15	1	0	0	0	0	0	0	0	0	0	0	0	0	464	72	11	21.3	25.2
1300	657	0	5	35	182	280	133	20	1	1	0	0	0	0	0	0	0	0	0	0	0	566	82	9	21.8	26.2
1400	703	0	2	36	255	293	107	8	2	0	0	0	0	0	0	0	0	0	0	0	0	599	95	9	21.1	25.3
1500	707	0	12	43	161	303	147	38	3	0	0	0	0	0	0	0	0	0	0	0	0	617	81	9	22.1	27.4
1600	644	0	6	32	169	253	136	41	7	0	0	0	0	0	0	0	0	0	0	0	0	575	62	7	22.4	27.5
1700	588	0	3	11	171	251	115	35	2	0	0	0	0	0	0	0	0	0	0	0	0	549	34	5	22.5	27.7
1800	453	0	1	4	102	202	114	27	3	0	0	0	0	0	0	0	0	0	0	0	0	418	34	1	23.2	28.1
1900	265	0	2	7	31	106	83	29	5	2	0	0	0	0	0	0	0	0	0	0	0	245	18	2	24.7	30
2000	196	0	5	4	36	56	71	19	4	1	0	0	0	0	0	0	0	0	0	0	0	184	11	1	24.2	29.6
2100	186	0	0	5	39	67	57	16	2	0	0	0	0	0	0	0	0	0	0	0	0	175	11	0	23.6	28.3
2200	173	0	0	1	32	82	40	18	0	0	0	0	0	0	0	0	0	0	0	0	0	162	6	5	23.6	28.5
2300	115	0	0	0	23	53	29	8	2	0	0	0	0	0	0	0	0	0	0	0	0	112	3	0	23.9	28.7
07-19	6441	0	53	257	1785	2833	1206	272	32	3	0	0	0	0	0	0	0	0	0	0	0	5639	720	82	22.1	26.6
06-22	7304	0	60	273	1904	3119	1502	382	55	9	0	0	0	0	0	0	0	0	0	0	0	6430	788	86	22.4	27.2
06-00	7592	0	60	274	1959	3254	1571	408	57	9	0	0	0	0	0	0	0	0	0	0	0	6704	797	91	22.5	27.3
00-00	7797	0	60	275	1971	3302	1644	455	77	12	1	0	0	0	0	0	0	0	0	0	0	6869	829	99	22.6	27.4

28 May 2022

Time [--	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	65	0	0	0	14	19	23	6	2	1	0	0	0	0	0	0	0	0	0	0	62	2	1	25.2	30	
0100	34	0	0	0	1	12	14	5	1	1	0	0	0	0	0	0	0	0	0	0	30	1	3	26.8	30.7	
0200	19	0	0	0	2	8	4	4	0	1	0	0	0	0	0	0	0	0	0	0	18	0	1	26.2	33.4	
0300	12	0	0	0	2	5	4	0	0	1	0	0	0	0	0	0	0	0	0	0	11	0	1	24.9	28	
0400	31	0	0	0	0	9	13	4	2	3	0	0	0	0	0	0	0	0	0	0	22	9	0	28.7	36.1	
0500	50	0	0	1	1	16	14	9	6	1	2	0	0	0	0	0	0	0	0	0	41	7	2	28.1	36.2	
0600	73	0	0	0	9	20	14	18	8	3	1	0	0	0	0	0	0	0	0	0	60	13	0	28.1	35.2	
0700	129	0	0	3	13	35	44	27	6	1	0	0	0	0	0	0	0	0	0	0	109	17	3	26.6	32	
0800	242	0	0	0	56	111	57	17	1	0	0	0	0	0	0	0	0	0	0	0	216	20	6	23.4	27.5	
0900	327	0	1	5	77	165	66	10	2	0	0	0	0	1	0	0	0	0	0	0	292	34	1	22.6	26.8	
1000	473	0	0	11	158	232	60	12	0	0	0	0	0	0	0	0	0	0	0	0	443	29	1	21.5	25.1	
1100	548	0	5	17	168	274	67	15	2	0	0	0	0	0	0	0	0	0	0	0	506	37	5	21.5	25.1	
1200	542	0	0	17	172	244	101	8	0	0	0	0	0	0	0	0	0	0	0	0	499	38	5	21.7	26.1	
1300	534	0	3	20	157	251	90	11	2	0	0	0	0	0	0	0	0	0	0	0	498	35	1	21.7	25.5	

Airshed

Southbound

1400	512	0	2	36	148	217	90	18	1	0	0	0	0	0	0	0	0	0	0	0	0	489	21	2	21.6	26.3
1500	503	0	4	24	179	209	75	9	3	0	0	0	0	0	0	0	0	0	0	0	0	476	26	1	21.2	25.3
1600	536	0	0	11	132	240	110	31	12	0	0	0	0	0	0	0	0	0	0	0	0	509	26	1	23	28
1700	512	0	1	24	139	198	122	26	2	0	0	0	0	0	0	0	0	0	0	0	0	484	27	1	22.4	27.4
1800	346	0	1	7	49	149	105	24	9	1	1	0	0	0	0	0	0	0	0	0	0	322	22	2	24.2	29.2
1900	268	0	0	9	69	105	57	21	6	1	0	0	0	0	0	0	0	0	0	0	0	255	12	1	23.3	28.7
2000	194	0	0	1	37	63	63	18	8	4	0	0	0	0	0	0	0	0	0	0	0	183	11	0	25.2	30.6
2100	135	0	0	1	15	56	42	17	4	0	0	0	0	0	0	0	0	0	0	0	0	123	10	2	25.1	30.4
2200	158	0	0	2	37	81	30	6	1	1	0	0	0	0	0	0	0	0	0	0	0	148	6	4	22.6	26.5
2300	89	0	0	0	20	32	20	11	5	0	0	1	0	0	0	0	0	0	0	0	0	85	3	1	24.8	30.6
07-19	5204	0	17	175	1448	2325	987	208	40	2	1	0	0	1	0	0	0	0	0	0	0	4843	332	29	22.2	26.6
06-22	5874	0	17	186	1578	2569	1163	282	66	10	2	0	0	1	0	0	0	0	0	0	0	5464	378	32	22.5	27.1
06-00	6121	0	17	188	1635	2682	1213	299	72	11	2	1	0	1	0	0	0	0	0	0	0	5697	387	37	22.6	27.1
00-00	6332	0	17	189	1655	2751	1285	327	83	19	4	1	0	1	0	0	0	0	0	0	0	5881	406	45	22.7	27.3

29 May 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	71	0	0	0	12	30	17	8	3	1	0	0	0	0	0	0	0	0	0	0	0	68	3	0	24.9	30.4
0100	33	0	0	0	2	5	9	5	1	2	0	0	0	0	0	0	0	0	0	0	0	31	2	0	25.8	31.5
0200	21	0	0	0	4	6	3	6	1	0	0	1	0	0	0	0	0	0	0	0	0	18	2	1	27.4	33.5
0300	19	0	0	0	3	7	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	17	2	0	24.6	28.5
0400	18	0	0	0	2	6	4	4	1	0	0	1	0	0	0	0	0	0	0	0	0	12	4	2	27.6	34.6
0500	38	0	0	0	2	4	11	10	7	4	0	0	0	0	0	0	0	0	0	0	0	34	4	0	31.1	37.5
0600	67	0	1	0	4	14	25	12	7	3	1	0	0	0	0	0	0	0	0	0	0	63	3	1	28.6	35.9
0700	74	0	0	0	5	31	22	10	4	1	1	0	0	0	0	0	0	0	0	0	0	68	4	2	26.6	32.9
0800	157	0	0	2	28	68	40	16	3	0	0	0	0	0	0	0	0	0	0	0	0	138	18	1	23.8	29.3
0900	307	0	0	9	84	143	52	17	2	0	0	0	0	0	0	0	0	0	0	0	0	290	15	2	22.5	27.1
1000	388	0	0	10	106	188	68	16	0	0	0	0	0	0	0	0	0	0	0	0	0	370	18	0	22.2	26.6
1100	424	0	1	5	102	222	75	18	1	0	0	0	0	0	0	0	0	0	0	0	0	403	19	2	22.4	26.4
1200	483	0	0	7	119	254	90	11	2	0	0	0	0	0	0	0	0	0	0	0	0	458	19	6	22.4	25.8
1300	571	0	1	24	173	273	84	14	2	0	0	0	0	0	0	0	0	0	0	0	0	542	23	6	21.6	25.3
1400	602	0	2	36	204	286	69	5	0	0	0	0	0	0	0	0	0	0	0	0	0	572	27	3	20.8	24.4
1500	519	0	0	20	148	214	117	17	3	0	0	0	0	0	0	0	0	0	0	0	0	487	31	1	22.3	26.7
1600	444	0	3	14	110	211	81	22	3	0	0	0	0	0	0	0	0	0	0	0	0	421	20	3	22.3	26.7
1700	437	0	1	6	107	217	83	20	3	0	0	0	0	0	0	0	0	0	0	0	0	411	20	6	22.6	26.9
1800	385	0	0	17	67	182	99	16	4	0	0	0	0	0	0	0	0	0	0	0	0	366	18	1	22.9	27
1900	240	0	0	6	30	96	74	25	7	2	0	0	0	0	0	0	0	0	0	0	0	228	10	2	24.8	29.6
2000	218	0	0	4	38	95	51	24	6	0	0	0	0	0	0	0	0	0	0	0	0	209	9	0	24.1	29.6
2100	136	0	0	0	23	53	41	16	3	0	0	0	0	0	0	0	0	0	0	0	0	128	7	1	24.8	29.6
2200	97	0	0	0	9	42	37	8	1	0	0	0	0	0	0	0	0	0	0	0	0	88	4	5	25	29.8
2300	57	0	0	0	10	23	18	5	1	0	0	0	0	0	0	0	0	0	0	0	0	54	2	1	24.4	29
07-19	4791	0	8	150	1253	2289	880	182	27	1	1	0	0	0	0	0	0	0	0	0	0	4526	232	33	22.2	26.3
06-22	5452	0	9	160	1348	2547	1071	259	50	6	2	0	0	0	0	0	0	0	0	0	0	5154	261	37	22.6	27
06-00	5606	0	9	160	1367	2612	1126	272	52	6	2	0	0	0	0	0	0	0	0	0	0	5296	267	43	22.6	27.1
00-00	5806	0	9	162	1395	2674	1178	306	65	13	3	1	0	0	0	0	0	0	0	0	0	5476	284	46	22.8	27.3

30 May 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	36	0	0	0	6	17	8	3	2	0	0	0	0	0	0	0	0	0	0	0	0	33	2	1	24.3	30.9
0100	18	0	0	0	0	6	8	3	1	0	0	0	0	0	0	0	0	0	0	0	0	15	3	0	27.2	31.3
0200	11	0	0	0	2	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	26.3	31.2

Airshed

Southbound

0300	18	0	0	1	1	6	5	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2	0	26.5	35.1
0400	29	0	0	0	4	5	3	11	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15	14	0	29.2	35.7
0500	85	0	0	1	13	18	22	16	9	3	2	1	0	0	0	0	0	0	0	0	0	0	0	76	8	1	27.8	36.1
0600	237	0	0	1	13	75	100	30	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	211	25	1	26.7	32.2
0700	460	0	0	20	70	201	130	34	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	407	47	6	23.6	28.5
0800	440	0	0	14	107	179	103	32	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	392	44	4	23	27.8
0900	400	0	6	76	187	100	29	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	324	66	10	18.5	23
1000	468	0	10	70	242	124	19	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	387	73	8	18.4	22.3
1100	407	0	30	40	139	153	32	12	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	332	69	6	19.5	24.4
1200	502	0	3	32	198	221	43	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420	74	8	20.4	24.2
1300	460	0	3	22	162	208	52	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	389	64	7	21	24.8
1400	492	0	1	48	213	201	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	417	67	8	19.6	22.9
1500	610	0	2	39	274	244	44	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	533	73	4	20.1	23.7
1600	634	0	2	59	237	269	59	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	550	76	8	20.2	24.1
1700	606	0	0	31	216	288	64	6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	534	64	8	21	24.6
1800	511	0	7	30	123	245	88	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	468	36	7	21.6	25.7
1900	274	0	1	9	55	115	80	12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	251	20	3	23.2	27.8
2000	237	0	0	5	46	117	57	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223	13	1	23	27.5
2100	172	0	0	0	30	77	49	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162	9	1	24	28.9
2200	114	0	0	0	22	54	30	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	104	6	4	23.5	28
2300	73	0	0	0	5	39	14	12	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	69	2	2	25.1	30.8
07-19	5990	0	64	481	2168	2433	692	135	14	1	0	0	0	0	1	0	1	0	0	0	0	0	0	5153	753	84	20.6	24.8
06-22	6910	0	65	496	2312	2817	978	203	35	1	1	0	0	1	0	1	0	0	0	0	0	0	0	6000	820	90	21.1	25.6
06-00	7097	0	65	496	2339	2910	1022	221	39	2	1	0	0	1	0	1	0	0	0	0	0	0	0	6173	828	96	21.1	25.7
00-00	7294	0	65	498	2365	2965	1071	259	59	6	3	1	0	1	0	1	0	0	0	0	0	0	0	6339	857	98	21.3	25.9

31 May 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	36	0	0	1	9	9	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	31	2	3	24.4	31.3
0100	20	0	0	0	4	5	6	3	1	1	0	0	0	0	0	0	0	0	0	0	0	13	4	3	25.8	33.1
0200	11	0	0	0	2	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	10	1	0	26.8	34.8
0300	6	0	0	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	1	25.6	-
0400	39	0	0	0	2	16	14	6	1	0	0	0	0	0	0	0	0	0	0	0	0	27	11	1	25.9	30.1
0500	96	0	0	1	16	41	27	9	2	0	0	0	0	0	0	0	0	0	0	0	0	81	13	2	24.2	28.7
0600	223	0	0	6	37	103	58	16	3	0	0	0	0	0	0	0	0	0	0	0	0	186	34	3	23.7	28.2
0700	475	0	0	16	138	241	75	5	0	0	0	0	0	0	0	0	0	0	0	0	0	427	45	3	21.7	25.3
0800	516	0	6	39	181	220	62	7	0	0	1	0	0	0	0	0	0	0	0	0	0	456	57	3	20.8	24.8
0900	427	0	2	18	193	176	29	7	0	0	1	0	0	0	0	0	1	0	0	0	0	350	73	4	20.3	23.5
1000	404	0	0	23	191	151	33	3	3	0	0	0	0	0	0	0	0	0	0	0	0	329	69	6	20.1	23.8
1100	457	0	4	27	228	162	35	1	0	0	0	0	0	0	0	0	0	0	0	0	0	373	73	11	19.9	23.6
1200	449	0	6	39	215	163	25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	374	70	5	19.4	22.8
1300	439	0	0	15	181	195	43	4	1	0	0	0	0	0	0	0	0	0	0	0	0	369	62	8	20.7	24.4
1400	535	0	7	32	239	202	54	1	0	0	0	0	0	0	0	0	0	0	0	0	0	452	74	9	20	23.8
1500	659	0	9	75	251	277	40	5	1	1	0	0	0	0	0	0	0	0	0	0	0	556	93	10	19.8	23.7
1600	648	0	4	34	227	311	62	7	0	1	0	0	0	0	0	0	2	0	0	0	0	567	75	6	20.9	24.5
1700	621	0	4	46	220	287	58	3	2	0	1	0	0	0	0	0	0	0	0	0	0	564	52	5	20.4	24.3
1800	617	0	0	20	209	283	98	7	0	0	0	0	0	0	0	0	0	0	0	0	0	563	45	9	21.4	25.3
1900	319	0	0	7	97	142	64	7	2	0	0	0	0	0	0	0	0	0	0	0	0	286	28	5	22.1	26.2
2000	217	0	0	4	44	118	36	12	1	1	0	1	0	0	0	0	0	0	0	0	0	202	14	1	22.9	26.4
2100	174	0	0	2	44	84	41	3	0	0	0	0	0	0	0	0	0	0	0	0	0	161	13	0	22.4	26.6
2200	124	0	0	2	27	55	30	8	1	1	0	0	0	0	0	0	0	0	0	0	0	117	4	3	23.5	27.8
2300	61	0	0	1	7	22	20	9	1	1	0	0	0	0	0	0	0	0	0	0	0	55	4	2	25.4	31.2
07-19	6247	0	42	384	2473	2668	614	51	7	2	3	0	0	0	0	0	3	0	0	0	0	5380	788	79	20.5	24.3
06-22	7180	0	42	403	2695	3115	813	89	13	3	3	1	0	0	0	0	3	0	0	0	0	6215	877	88	20.8	24.6
06-00	7365	0	42	406	2729	3192	863	106	15	5	3	1	0	0	0	0	3	0	0	0	0	6387	885	93	20.8	24.7

00-00	7573	0	42	408	2763	3268	924	135	20	6	3	1	0	0	0	0	3	0	0	0	0	6553	917	103	21	24.9
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01 June 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	33	0	0	0	5	18	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0	26	4	3	24.1	28
0100	33	0	0	0	2	14	11	2	3	0	1	0	0	0	0	0	0	0	0	0	0	25	3	5	26.6	31.3
0200	9	0	0	0	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	22.8	-
0300	12	0	0	0	0	7	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	0	25.4	29.9
0400	36	0	0	0	4	11	10	11	0	0	0	0	0	0	0	0	0	0	0	0	0	24	10	2	26.9	32.6
0500	86	0	0	0	15	29	30	11	1	0	0	0	0	0	0	0	0	0	0	0	0	70	13	3	24.7	29.2
0600	242	0	0	3	44	120	51	18	4	2	0	0	0	0	0	0	0	0	0	0	0	212	28	2	23.7	28.6
0700	476	0	2	21	145	223	76	9	0	0	0	0	0	0	0	0	0	0	0	0	0	425	45	6	21.4	25.4
0800	493	0	1	21	155	254	54	8	0	0	0	0	0	0	0	0	0	0	0	0	0	430	54	9	21.3	24.6
0900	314	0	0	18	132	134	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	269	42	3	20.4	23.9
1000	451	0	6	61	230	126	24	1	0	0	0	0	0	0	0	0	0	3	0	0	0	386	59	6	19	22.6
1100	493	0	2	35	214	205	31	6	0	0	0	0	0	0	0	0	0	0	0	0	0	417	67	9	20	23.6
1200	496	0	2	49	204	209	27	3	1	1	0	0	0	0	0	0	0	0	0	0	0	433	55	8	19.6	22.9
1300	477	0	0	14	183	211	61	8	0	0	0	0	0	0	0	0	0	0	0	0	0	411	60	6	21.2	24.9
1400	539	0	6	67	243	192	25	6	0	0	0	0	0	0	0	0	0	0	0	0	0	459	69	11	19.1	22.9
1500	613	0	8	61	216	280	45	3	0	0	0	0	0	0	0	0	0	0	0	0	0	515	89	9	19.9	23.5
1600	619	0	3	65	233	235	77	4	1	1	0	0	0	0	0	0	0	0	0	0	0	550	61	8	20.4	24.8
1700	630	0	10	37	180	293	99	9	2	0	0	0	0	0	0	0	0	0	0	0	0	558	65	7	21.2	25.4
1800	678	0	5	29	200	337	100	6	0	0	0	1	0	0	0	0	0	0	0	0	0	621	52	5	21.3	25.2
1900	312	0	0	13	68	157	53	18	1	0	0	0	0	2	0	0	0	0	0	0	0	291	18	3	22.7	26.4
2000	225	0	0	4	44	103	62	9	3	0	0	0	0	0	0	0	0	0	0	0	0	212	12	1	23.3	27.6
2100	192	0	0	8	35	85	48	12	4	0	0	0	0	0	0	0	0	0	0	0	0	180	11	1	23.4	28.4
2200	119	0	0	0	31	50	28	7	2	1	0	0	0	0	0	0	0	0	0	0	0	115	4	0	23.5	28.5
2300	90	0	0	0	12	38	28	11	1	0	0	0	0	0	0	0	0	0	0	0	0	86	3	1	25	29.9
07-19	6279	0	45	478	2335	2699	649	63	4	2	0	1	0	0	0	0	0	3	0	0	0	5474	718	87	20.4	24.3
06-22	7250	0	45	506	2526	3164	863	120	16	4	0	1	0	2	0	0	0	3	0	0	0	6369	787	94	20.8	24.8
06-00	7459	0	45	506	2569	3252	919	138	19	5	0	1	0	2	0	0	0	3	0	0	0	6570	794	95	20.9	24.9
00-00	7668	0	45	506	2597	3336	982	165	25	5	1	1	0	2	0	0	0	3	0	0	0	6734	826	108	21	25.1

02 June 2022

Time [--]	Total	Vbin 0 5	Vbin 5 10	Vbin 10 15	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30 35	Vbin 35 40	Vbin 40 45	Vbin 45 50	Vbin 50 55	Vbin 55 60	Vbin 60 65	Vbin 65 70	Vbin 70 75	Vbin 75 80	Vbin 80 85	Vbin 85 90	Vbin 90 95	Vbin 95 100	Cls 1	Cls 2	Cls 3	Mean	Vpp 85
0000	45	0	0	0	8	14	13	8	2	0	0	0	0	0	0	0	0	0	0	0	0	43	1	1	25.7	31.1
0100	25	0	0	0	4	7	9	2	2	1	0	0	0	0	0	0	0	0	0	0	0	22	3	0	26.4	32.5
0200	12	0	0	0	1	2	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	11	1	0	29.6	37.5
0300	18	0	0	0	0	2	12	4	0	0	0	0	0	0	0	0	0	0	0	0	0	13	4	1	28.1	30.8
0400	34	0	0	0	0	9	16	7	2	0	0	0	0	0	0	0	0	0	0	0	0	24	10	0	27.8	33.7
0500	85	0	0	0	8	31	30	10	5	1	0	0	0	0	0	0	0	0	0	0	0	69	15	1	26.2	31.9
0600	207	0	0	2	34	92	53	21	4	1	0	0	0	0	0	0	0	0	0	0	0	179	23	5	24.3	29.6
0700	375	0	3	12	99	178	67	8	7	1	0	0	0	0	0	0	0	0	0	0	0	318	55	2	22.2	26.3
0800	432	0	4	22	143	196	57	9	1	0	0	0	0	0	0	0	0	0	0	0	0	377	51	4	21.1	25.1
0900	441	0	4	32	144	198	55	7	1	0	0	0	0	0	0	0	0	0	0	0	0	371	62	8	20.7	24.9
1000	540	0	0	49	228	221	40	2	0	0	0	0	0	0	0	0	0	0	0	0	0	476	57	7	19.9	23.3
1100	553	0	4	49	286	193	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	481	64	8	19.2	22.5
1200	520	0	1	52	246	195	25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	461	54	5	19.3	22.8
1300	550	0	1	76	249	199	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	467	71	12	19	22.5
1400	600	0	4	68	230	252	41	5	0	0	0	0	0	0	0	0	0	0	0	0	0	511	78	11	19.7	23.3
1500	652	0	3	36	274	276	54	7	2	0	0	0	0	0	0	0	0	0	0	0	0	566	74	12	20.4	24

Airshed

Southbound

1600	676	0	8	57	289	269	47	6	0	0	0	0	0	0	0	0	0	0	0	0	0	612	61	3	19.7	23.4
1700	629	0	1	44	199	313	65	7	0	0	0	0	0	0	0	0	0	0	0	0	569	54	6	20.8	24.3	
1800	495	0	1	25	126	243	94	4	2	0	0	0	0	0	0	0	0	0	0	0	474	20	1	21.8	25.6	
1900	319	0	2	10	75	152	64	13	2	1	0	0	0	0	0	0	0	0	0	0	297	21	1	22.6	27.2	
2000	285	0	0	11	85	105	67	15	2	0	0	0	0	0	0	0	0	0	0	0	268	17	0	22.5	27.6	
2100	183	0	0	4	32	96	36	12	2	1	0	0	0	0	0	0	0	0	0	0	176	5	2	23	26.8	
2200	155	0	0	6	44	69	28	7	1	0	0	0	0	0	0	0	0	0	0	0	145	6	4	22	26.2	
2300	108	0	0	3	23	54	21	4	2	1	0	0	0	0	0	0	0	0	0	0	102	5	1	23	27.2	
07-19	6463	0	34	522	2513	2733	586	61	13	1	0	0	0	0	0	0	0	0	0	0	5683	701	79	20.2	24	
06-22	7457	0	36	549	2739	3178	806	122	23	4	0	0	0	0	0	0	0	0	0	0	6603	767	87	20.6	24.6	
06-00	7720	0	36	558	2806	3301	855	133	26	5	0	0	0	0	0	0	0	0	0	0	6850	778	92	20.7	24.7	
00-00	7939	0	36	558	2827	3366	938	167	39	8	0	0	0	0	0	0	0	0	0	0	7032	812	95	20.8	24.9	

Appendix 3 – Noise Model Outputs

Newton Village Run info Scenario 1 - Baseline

Project description

Project title: Newton Village
Project No.: AS 0910
Project engineer: Jack Fraser
Customer:

Description:

Run description

Calculation type: Single Point Sound
Title: Scenario 1 - Baseline
Group
Run file: RunFile.runx
Result number: 2
Local calculation (ThreadCount=12)
Calculation start: 22/06/2022 12:37:32
Calculation end: 22/06/2022 12:37:34
Calculation time: 00:00:388 [m:s:ms]
No. of points: 3
No. of calculated points: 3
Kernel version: SoundPLAN 8.2 (07/10/2020) - 32 bit

Run parameters

Reflection order: 3
Maximum reflection distance to receiver 200 m
Maximum reflection distance to source 50 m
Search radius 5000 m
Weighting: dB(A)
Allowed tolerance (per individual source): 0.100 dB
Create ground effect areas from road surfaces: No

Standards:

Road: CoRTN: 1988
Driving on right side
Emission according to: CoRTN
Reflection order limited to: 1
Road gradient smoothed with smooth length of: 15 m
Disable low flow correction: No
Method for L10 to Leq conversion: TRL formula
Side diffraction: disabled
Attenuation
Foliage: No attenuation
Built-up area: No attenuation
Industrial site: No attenuation

Assessment: PPG24 (day/night)
Reflection of "own" facade is suppressed

The Airshed

1

Newton Village Run info Scenario 1 - Baseline

Geometry data

Scenario 1 - baseline.sit	22/06/2022 12:34:28	
- contains:		
baseline receptors.geo	22/06/2022 12:31:38	
DXF_15010_Building_Outline.geo		22/06/2022 12:24:28
DXF_15700_General_Road_Casing.geo		22/06/2022 11:07:42
environment.geo	22/06/2022 11:38:00	
Geo-File1.geo	22/06/2022 12:31:38	
ground conditions.geo	22/06/2022 11:42:36	
Roads S1-S2 - baseline 39kph.geo		22/06/2022 12:31:38
RDGM0001.dgm	22/06/2022 11:02:20	

The Airshed

2

Newton Village Assessed receiver levels Scenario 1 - Baseline

2

Receiver	Fl	Dir	X m	Y m	Z m	LrD dB(A)	LrN dB(A)	
Site 1	GF		309271	677762	90.5	69	61	
Site 2	GF		309186	677658	93.2	69	61	
Site 3	GF		309092	677618	95.0	70	62	

	The Airshed	1
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Newton Village

Assessed receiver levels

Scenario 2 - Receptors 39kph

2

RNo	Receiver	FI	Dir	X	Y	Z	LrD	LrN
				m	m	m	dB(A)	dB(A)
1	2 Duddingston Terrace	GF	NW	309188	677651	93.2	67	60
2	2 Gallow View	GF	NW	309122	677549	94.8	55	47
		F 1				97.3	57	50
3	6-12 Main Street	GF	SE	309220	677712	92.4	73	65
		F 1				94.9	73	65
4	9 Main Street - Newton Snack	GF	NW	309161	677635	94.3	70	62
		F 1				96.8	70	62
5	11 Main Street	GF	NW	309172	677646	93.8	71	63
6	14-16 Main Street	GF	SE	309252	677743	91.6	73	64
7	17-19 Main Street	GF	NW	309223	677695	92.6	73	65
		F 1				95.1	73	65
8	18 Main Street	GF	SE	309270	677762	90.5	70	62
		F 1				93.0	73	64
9	23 Main Street	GF	NW	309239	677706	92.7	70	63
		F 1				95.2	71	63
10	35 Main Street	GF	NW	309291	677760	90.1	73	64
		F 1				92.6	73	65
11	Duddingston Crescent	GF	NW	309291	677711	92.0	58	54
		F 1				94.5	60	55
12	Gallow View	GF	W	309129	677564	94.7	55	52
		F 1				97.2	58	54
13	Main Street	GF	NW	309253	677715	92.3	68	61
		F 1				94.8	70	62
14	Main Street	GF	SE	309236	677728	92.2	74	65
		F 1				94.7	73	65
15	Main Street	GF	SE	309278	677770	90.1	70	62
16	Main Street	GF	SE	309286	677778	89.7	70	62
		F 1				92.2	73	64
17	Main Street	GF	N	309118	677608	95.2	68	61
		F 1				97.7	69	62
18	The Pheasant	GF	NW	309206	677678	92.4	73	64
		F 1				94.4	73	64

	The Airshed	1
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Newton Village

Assessed receiver levels

Scenario 3 - Receptors 48kph

2

RNo	Receiver	FI	Dir	X	Y	Z	LrD	LrN
				m	m	m	dB(A)	dB(A)
1	2 Duddingston Terrace	GF	NW	309188	677651	93.2	68	61
2	2 Gallow View	GF	NW	309122	677549	94.8	55	48
2	2 Gallow View	F 1	NW	309122	677549	97.3	58	50
3	6-12 Main Street	GF	SE	309220	677712	92.4	74	65
3	6-12 Main Street	F 1	SE	309220	677712	94.9	74	65
4	9 Main Street - Newton Snack	GF	NW	309161	677635	94.3	70	62
4	9 Main Street - Newton Snack	F 1	NW	309161	677635	96.8	71	63
5	11 Main Street	GF	NW	309172	677646	93.8	71	63
6	14-16 Main Street	GF	SE	309252	677743	91.6	73	65
7	17-19 Main Street	GF	NW	309223	677695	92.6	74	65
7	17-19 Main Street	F 1	NW	309223	677695	95.1	73	65
8	18 Main Street	GF	SE	309270	677762	90.5	70	62
8	18 Main Street	F 1	SE	309270	677762	93.0	73	64
9	23 Main Street	GF	NW	309239	677706	92.7	71	63
9	23 Main Street	F 1	NW	309239	677706	95.2	72	64
10	35 Main Street	GF	NW	309291	677760	90.1	73	65
10	35 Main Street	F 1	NW	309291	677760	92.6	73	65
11	Duddingston Crescent	GF	NW	309291	677711	92.0	58	54
11	Duddingston Crescent	F 1	NW	309291	677711	94.5	60	56
12	Gallow View	GF	W	309129	677564	94.7	56	53
12	Gallow View	F 1	W	309129	677564	97.2	58	54
13	Main Street	GF	NW	309253	677715	92.3	69	61
13	Main Street	F 1	NW	309253	677715	94.8	71	63
14	Main Street	GF	SE	309236	677728	92.2	74	65
14	Main Street	F 1	SE	309236	677728	94.7	74	65
15	Main Street	GF	SE	309278	677770	90.1	70	62
16	Main Street	GF	SE	309286	677778	89.7	70	62
16	Main Street	F 1	SE	309286	677778	92.2	73	65
17	Main Street	GF	N	309118	677608	95.2	68	61
17	Main Street	F 1	N	309118	677608	97.7	70	62
18	The Pheasant	GF	NW	309206	677678	92.4	73	65
18	The Pheasant	F 1	NW	309206	677678	94.4	73	65

The Airshed

1

Newton Village

Assessed receiver levels

Scenario 4 - Receptors 32kph

2

RNo	Receiver	FI	Dir	X	Y	Z	LrD	LrN
				m	m	m	dB(A)	dB(A)
1	2 Duddingston Terrace	GF	NW	309188	677651	93.2	67	60
2	2 Gallow View	GF	NW	309122	677549	94.8	54	47
		F 1				97.3	57	50
3	6-12 Main Street	GF	SE	309220	677712	92.4	73	65
		F 1				94.9	73	65
4	9 Main Street - Newton Snack	GF	NW	309161	677635	94.3	70	62
		F 1				96.8	70	62
5	11 Main Street	GF	NW	309172	677646	93.8	71	63
6	14-16 Main Street	GF	SE	309252	677743	91.6	73	64
7	17-19 Main Street	GF	NW	309223	677695	92.6	73	65
		F 1				95.1	73	65
8	18 Main Street	GF	SE	309270	677762	90.5	70	62
		F 1				93.0	73	64
9	23 Main Street	GF	NW	309239	677706	92.7	70	63
		F 1				95.2	71	63
10	35 Main Street	GF	NW	309291	677760	90.1	73	65
		F 1				92.6	73	65
11	Duddingston Crescent	GF	NW	309291	677711	92.0	58	54
		F 1				94.5	60	55
12	Gallow View	GF	W	309129	677564	94.7	55	52
		F 1				97.2	58	54
13	Main Street	GF	NW	309253	677715	92.3	68	61
		F 1				94.8	70	62
14	Main Street	GF	SE	309236	677728	92.2	74	65
		F 1				94.7	73	65
15	Main Street	GF	SE	309278	677770	90.1	70	62
16	Main Street	GF	SE	309286	677778	89.7	70	62
		F 1				92.2	73	65
17	Main Street	GF	N	309118	677608	95.2	68	61
		F 1				97.7	69	62
18	The Pheasant	GF	NW	309206	677678	92.4	73	64
		F 1				94.4	73	64

	The Airshed	1
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