IPSWICH
BOROUGH COUNCIL

2010 Air Quality Detailed Assessment for *Ipswich Borough Council*

In fulfillment of Part IV of the Environment Act 1995
Local Air Quality Management

September 2011

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Executive Summary

The 2009 Updating and Screening Assessment Report determined that a Detailed Assessment is required for a 2.90MW biomass combustion plant on Nacton Road, Ipswich for particulate matter and nitrogen dioxide.

AAquire 6.2 was used to model the impacts on air quality of emissions emitted from the boiler.

The maximum modelled concentrations modelled in a 1kmx1km grid centered on the stack were 24$\mu g/m^3$ annual mean for PM_{10} and 31$\mu g/m^3$ annual mean for NO_2.

The results indicate that the boiler emissions will not result in any exceedences of the air quality objectives for particulate matter and nitrogen dioxide, with process contributions being very low.

The results obtained were based on conservative assumptions and therefore represent a worse case scenario.

Therefore no further assessment is required regarding this plant.

Table of contents

1 Introduction

1.1 Purpose of Report

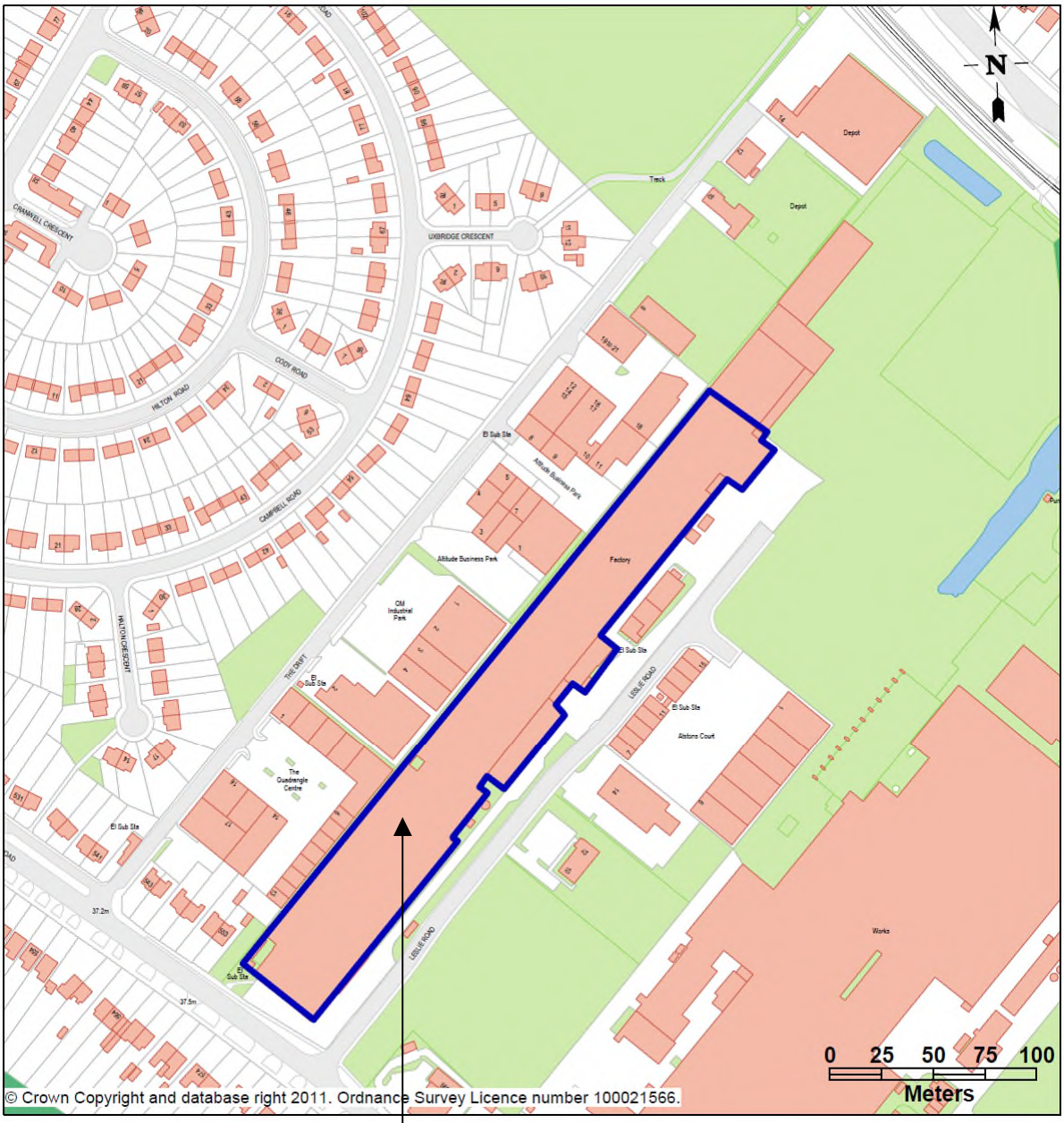
The objective of this study is to describe and assess the impacts on air quality of emissions emitted from the existing 2.9MW biomass-fuelled boiler at Alsons, Nacton Road, Ipswich (Figure 1 overleaf). The study seeks to provide a quantitative estimate of the air quality impact of the existing biomass boiler in the context of current UK air quality standards. The boiler is not located within an air quality management area.

1.2 General approach taken

The approach taken in this study was to:

- Collect and interpret boiler specification data for input into the dispersion model.
- Obtain one year of meteorological data and terrain data for the study area.
- Obtain local background concentrations from local monitoring stations.
- Model the concentrations of oxides of nitrogen (NO_x) and fine particulates (PM_{10}) around the study area, concentrating on the locations (receptors) where people might be exposed over the relevant averaging times of the air quality objectives.
- Present the concentrations as contour plots.

Figure 1: Location of Alstons, Nacton Road



Approximate location of stack

2 Air quality standards and guidelines

2.1 Local Air Quality Management

This report fulfils the requirements of the Local Air Quality Management process as set out in Part IV of the Environment Act (1995), the Air Quality Strategy for England, Scotland, Wales and Northern Ireland 2007 and the relevant Policy and Technical Guidance documents. The LAQM process places an obligation on all local authorities to regularly review and assess air quality in their areas, and to determine whether or not the air quality objectives are likely to be achieved. Where exceedences are considered likely, the local authority must then declare an Air Quality Management Area (AQMA) and prepare an Air Quality Action Plan (AQAP) setting out the measures it intends to put in place in pursuit of the objectives.

2.2 Air Quality Objectives

The air quality objectives applicable to LAQM in England are set out in the Air Quality (England) Regulations 2000 (SI 928), The Air Quality (England) (Amendment) Regulations 2002 (SI 3043), and are shown in Table 1.1. This table shows the objectives in units of micrograms per cubic metre $\mu g/m^3$ (milligrammes per cubic metre, mg/m^3 for carbon monoxide) with the number of exceedences in each year that are permitted (where applicable).

Table 1.1 Air Quality Objectives included in Regulations for the purpose of Local Air Quality Management in England.

Pollutant	Air Quality Objective		Date to be achieved by
	Concentration	Measured as	
Benzene	16.25 $\mu g/m^3$ 5.00 $\mu g/m^3$	Running annual mean Annual mean	31.12.2003 31.12.2010
1,3-Butadiene	2.25 $\mu g/m^3$	Running annual mean	31.12.2003
Carbon monoxide	10.0 mg/m^3	Running 8-hour mean	31.12.2003
Lead	0.5 $\mu g/m^3$ 0.25 $\mu g/m^3$	Annual mean Annual mean	31.12.2004 31.12.2008
Nitrogen dioxide (NO_2)	200 $\mu g/m^3$ not to be exceeded more than 18 times a year 40 $\mu g/m^3$	1-hour mean Annual mean	31.12.2005 31.12.2005
Particles (PM_{10}) (gravimetric)	50 $\mu g/m^3$, not to be exceeded more than 35 times a year 40 $\mu g/m^3$	24-hour mean Annual mean	31.12.2004 31.12.2004
Sulphur dioxide	350 $\mu g/m^3$, not to be exceeded more than 24 times a year 125 $\mu g/m^3$, not to be exceeded more than 3 times a year 266 $\mu g/m^3$, not to be exceeded more than 35 times a year	1-hour mean 24-hour mean 15-minute mean	31.12.2004 31.12.2004 31.12.2005

2.3 Summary of Previous Review and Assessments

Round 1
The first round of air quality review and assessment was completed in March 2001 and consisted of three stages, each reported separately and progressively looking into more detailed analysis when required;

Stage 1 comprised of an initial study to identify which pollutants required further investigation;

Stage 2 required estimating, modelling or measuring pollutants where there was an indication that national objectives will not be achieved; and

Stage 3 involved using advanced modelling techniques and emissions inventories.

The final assessment (third stage report) concluded that the Air Quality Objectives would be met. There were, however, some areas of concern where levels of nitrogen dioxide from road traffic pollution were expected to be close to reaching the objective level and the need to keep these under review was recognised.

Round 2
In 2003, all local authorities were required to complete a second round of air quality reviews and assessments. The Government issued guidance to assist with this and to direct authorities on the methodology for completing the review. The first stage of the review was an Updating and Screening Assessment (USA). This was based on a checklist to identify those matters that had changed since the first review completed in 2001 and which required further assessment. The USA covered new monitoring data, new sources of pollution and other changes that affected air quality.

The Council's USA, completed in December 2003, concluded that further detailed assessments of nitrogen dioxide from road traffic sources and particulate matter from an industrial source were required to determine whether air quality objectives would be exceeded in 2005. In July 2005, further detailed assessments were completed in respect of the impact of road traffic on concentrations of nitrogen dioxide in St Margaret's Street, Norwich Road/Chevallier Street junction and the Star Lane gyratory system/St Helen's Street. The assessment was completed using a dispersion model, traffic and meteorological data and an ambient real time continuous monitor to produce concentration plots for 2005 and 2010.

The results of the detailed assessments for nitrogen dioxide indicated that the annual mean objective pollution level would be exceeded along most of the roads under study. In places, the exceedance of the 40µg/m^3 annual mean standard extended 50 metres from the kerb into residential areas.

Under Section 83(1) of the Environment Act 1995, local authorities have to designate areas with a predicted exceedance of the Air Quality Objectives as Air Quality Management Areas (AQMAs). Ipswich Borough Council declared three AQMAs on the 11th of April 2006;

- *Ipswich Air Quality Management Order No 1, 2006: Norwich Road, Chevallier Street and Valley Road*

  This junction is located on one of the main routes into Ipswich town centre with four roads leading into a double mini roundabout (A map of the AQMA is shown in Appendix A).

Generally, the area around this junction is open with some green space and buildings set back from the road. However, there is a public house (with flat above) and some residential flats which are both located adjacent to the junction. In addition, one road, Chevallier Street, leading from the roundabout has terraced properties facing directly onto a pavement. The predicted exceedance of the NO_2 annual mean objective levels spreads up to 25m from the kerb.

- *Ipswich Air Quality Management Order No 2, 2006: Junction of Crown Street with Fonnereau Road and St Margaret's Street and St Margaret's Plain*

  This AQMA includes four roads all leading off each other (A map of the AQMA is shown in Appendix A). There are main traffic lights at the junction of St Margaret's Street and St Margaret's Plain and pedestrian crossing lights just beyond the junction of Crown Street and Fonnereau Road. The area along St Margaret's Street is partially canyoned.

  St Margaret's Street is flanked by flats on one side, and a vacant building on the other. Permission has been given for this to be turned into residential dwellings. There are residential buildings on all roads within the AQMA.

- *Ipswich Air Quality Management Order No 3, 2006: Star Lane gyratory system and St Helen's Street/Grimwade Street*

  The gyratory system is a circular network of one-way roads located next to the docks (A map of the AQMA is shown in Appendix A). There are many residential dwellings (mainly high-rise flats) within these areas and some commercial and office buildings. Further development of the Gyratory system and Dockside is ongoing.

  Traffic flow through many of the areas of this AQMA can be congested.

In addition, the Department for Environment, Food and Rural Affairs (DEFRA) also requires that local authorities should submit annual air quality (Progress Reports) in between three yearly USAs. This is to provide a means of ensuring that air quality review is a continuous process and act as a timely indication of the need for measures to improve air quality, rather than delaying for three years until a full review is carried out. Ipswich Borough Council completed a Progress Report in September 2005.

Round 3

The third round of review and assessment commenced in 2006 to enable local authorities to determine whether Air Quality Objectives in their areas would be met by specific target dates by means of a USA review. Ipswich Borough Council completed its USA in January 2008. The USA concluded that four of the seven prescribed pollutants were likely to meet their Air Quality Objectives and as such a Detailed Assessment was not required. However, it was found that further screening works for Benzene, Nitrogen Dioxide (NO_2) and particulates (PM_{10}) were required as well as a Detailed Assessment of both NO_2 and PM_{10} at the Yarmouth Road/ Bramford Road and Chevalier Street Junction.

The Detailed Assessment, recommended in the USA, was completed in draft in December 2009 and concluded that there are likely to be exceedances of the annual mean nitrogen dioxide objective at this location. The predicted exceedances of the objective can be attributed to slow moving vehicles, congestion and queuing traffic. For the pollutant PM_{10}, modelling indicated a very unlikely risk of exceeding the annual mean PM_{10} objective in the base year and the future year of 2010.

The screening works resulting from the round 3 USA have been completed as part of the current, round 4, USA. At the advice of DEFRA, the information usually included in a progress report has also been incorporated into this document.

Round 4

The fourth and current round of review and assessment began in 2009. This USA report forms part of that round and is intended to identify any significant changes that may have occurred since the previous round was completed. This requires the assessment of new monitoring data, new objectives, new sources or significant changes to existing sources either locally or in neighbouring authorities and other changes that might affect air quality.
The method of carrying out a USA has changed slightly from previous rounds as a source-by-source approach is now followed instead of a review of each pollutant in turn.

Table 1.2 Summary of previous review and assessments carried out by Ipswich Borough Council

Round	Date	Type of Assessment	Conclusion/Outcome
1	March 2001	Final Assessment	Predicted that the Air Quality Objectives would be met. Areas of concern where levels of nitrogen dioxide from road traffic pollution were expected to be close to reaching the objective level were kept under review.
2	December 2003	Updating and Screening Assessment	Concluded that further detailed assessments of nitrogen dioxide from road traffic sources and particulate matter from an industrial source was required to determine whether Air Quality Objectives would be exceeded in 2005.
	July 2005	Detailed Assessment	Concluded that the annual mean objective pollution level would be exceeded along most of the roads under study.
	April 2006		Declaration of 3 AQMAs.
3	January 2008	Updating and Screening Assessment	Concluded that four of the seven prescribed pollutants were likely to meet their Air Quality Objectives and as such a Detailed Assessment was not required. Recommended further screening works for Benzene, Nitrogen Dioxide (NO_2) and particulates (PM_{10}) and a Detailed Assessment of both NO_2 and PM_{10} at the Yarmouth Road/ Bramford Road and Chevalier Street Junction.
	January 2007	Progress Report	Data included in the 2009 Updating and Screening Report as requested by Defra
	December 2009	Detailed Assessment	Completed draft December 2009. Submitted December 2009. Finalised August 2010. Concluded that there are likely exceedances of the NO_2 annual mean objective at the Bramford Road/Yarmouth Road/Chevalier Street junction.

4	January 2010	Updating and Screening Assessment	Concluded that a Detailed Assessment for nitrogen dioxide is required at St-Matthew's Street and St-Helen's Street. A Detailed Assessment is also required for a 2.90MW biomass combustion plant on Nacton Road for particulate matter with consideration given to nitrogen dioxide. Particulate matter and nitrogen dioxide emissions from the Reg Driver Centre, Christchurch Park, Ipswich also required further screening work.
	October 2010	Progress Report	Diffusion tubes and continuous monitors located within the three existing AQMAs have shown exceedences of the nitrogen dioxide annual average objective level. Exceedences were also obtained at St-Matthew's Street, an area outside of the existing AQMAs. The junction of Bramford Road/Chevalier Street/Yarmouth Road continues to show an exceedance of the annual average nitrogen dioxide objective. Particulates were monitored for a year (April 2009 – April 2010) and no exceedances of the PM_{10} objectives were identified.
	December 2010		Declaration of Bramford Road/Chevalier Street/Yarmouth Road junction as an AQMA.

3 Combustion plant emissions

The combustion of biomass can affect air quality due to the release of pollutants. Emission levels of some of these pollutants for e.g. oxides of nitrogen (NO_x) depend heavily on the chemical composition the type of fuel used whereas emission levels of particulates (PM_{10}) depend on the completeness of the combustion process.

The emissions to atmosphere from combustion can cause an impact on the environment at a local, national and transboundary level. However, as the pollutants associated with biomass combustion are also associated with other combustion processes such as transport, the use of biomass can lead to an increase or decrease in emission. The contribution from the boiler will depend on the type of fuel and combustion technology used.

The subject of this assessment is the dispersion of PM_{10} and NO_x resulting from the current biomass boiler at Alstons, Nacton Road, Ipswich. The relevant pollutants are described below.

3.1 Particulates (PM_{10})

Particulates, commonly referred to as dust, comprise of a range of materials of various sizes. Particulates consist of both primary components, which are released directly from the source into the atmosphere, and secondary components, which are formed in the atmosphere by chemical reactions.

Particulates of a size less than 10 micrometers, PM_{10}, are able to travel into the respiratory system and affect health by causing respiratory and cardiovascular illnesses.

3.2 Oxides of nitrogen (NO_x)

Nitric oxide (NO) is mainly derived from road transport emissions and other combustion processes. Although, NO is not considered to be harmful to health, it oxidises rapidly in the atmosphere to nitrogen dioxide (NO_2), which can be harmful to health. NO_2 and NO are both oxides of nitrogen and together are referred to as nitrogen oxides (NO_X).

These gases irritate the airways of the lungs, increasing the symptoms of those suffering from lung diseases.

4 Monitoring

PM_{10} and NO_x are monitored by Ipswich Borough Council for the purposes of local air quality management.

4.1 Automatic Monitoring

Ipswich Borough Council carried out automatic continuous monitoring of PM_{10} at Star Lane/Angel Lane, grid reference 616786,244260 (Appendix B). This urban roadside monitor was located within an AQMA.

The reporting period for this site is between 16 November 2009 and 16 November 2010. The monitor was decommissioned for relocation after the 16 November 2010. During this period the data capture for PM_{10} was 84.1%. The primary reason for the lower than 90% data capture was due to data collection problems from the site between the 07 April 2010 and 07 May 2010.

The annual average concentration of PM_{10} for that period of time was 23µgm^{-3}. This is higher that the PM_{10} concentration provided on the DEFRA background maps for the area where the boiler is located. According to the maps, the PM_{10} concentration for the grid square where the boiler is situated is 17.22µgm^{-3}. This may be due to the location of the monitor within an AQMA. The higher concentration of PM_{10} (i.e. 23µgm^{-3}) has been used in this detailed assessment in spite of the boiler not being located within an AQMA to represent a worse-case scenario.

4.1.1 Quality Assurance/Quality Control

The automatic monitors are routinely calibrated once every 2 weeks by an Environment Protection Officer and serviced once a year by the manufacturers. All data collected from the automatic monitors are managed by external consultants (AEA) to quality procedures developed under the UK National Network. The data management processes represent best practice and fully meet the requirements set out in LAQM TG (09).

All data are screened and scaled (on the basis of site calibrations) and the final data sets presented within this report have benefited from a full process of data ratification, including thorough additional data quality checks that include site UKAS quality control audits and a final data ratification process that corrects data for instrument sensitivity drift between routine calibrations

4.2 Non-Automatic Monitoring

In 2010, Ipswich Borough Council carried out non-automatic monitoring of NO_2 using diffusion tubes located in 37different sites in the Borough. 47 diffusion tubes monitor kerbside and roadside concentrations of NO_2 and 2 diffusion tubes monitor background concentrations of NO_2.

3 diffusion tubes were located in proximity to the boiler (Appendix C). Table 1.3 shows the annual mean concentrations obtained at these locations.

Table 1.3 Results of Nitrogen Dioxide Diffusion Tubes 2010

Location	Site Type	Within AQMA?	Grid Reference	2010 - annual mean concentrations ($\mu g/m^3$) adjusted for bias [#]
Nacton Road	Urban roadside	N	618974,242291	29.7
Nacton Rd/A14 junction	Urban roadside	N	620078,241263	27.8
Nacton Rd/A14 junction	Urban roadside	N	620078,241263	29.4

Key:
[#] : A local bias-adjustment factor of 0.87 was used based on the nearest continuous air quality monitor data. This figure was calculated by AEA Energy and Environment using the monthly values collected from the triplicate tubes co-located with this automatic analyser.

As the diffusion tubes are located at kerbside sites, they are likely to give an overestimate of background NO_2 concentrations in the study area. The highest concentration of NO_2, 29.7$\mu g/m^3$ has been used as background in the model. This is higher that the 26.53$\mu g/m^3$ NO_2 concentration provided on the DEFRA background maps for that area. The higher concentration of NO_2, i.e. 29.7$\mu g/m^3$ has been used in this detailed assessment.

These above factors therefore represent a worst-case scenario and were used in this detailed assessment.

4.2.1 Quality Assurance/Quality Control

The tubes are supplied and analysed by Environmental Scientifics Group, based in Oxfordshire. The WASP results indicated that Environmental Scientifics Group achieved a 'Good' rating in 2010.

The preparation up to the end of the 2010 period is 50% TEA : 50% Acetone and the method is as described in the Harmonisation Practical Guidance for the laboratory.

5 Modelling Methodology

The results of the monitoring detailed in the previous section were input in the model to assess the impact of emissions from the boiler on local air quality.

The air quality impact in the area surrounding the biomass boiler was calculated using AAquire 6.2 which is the most up to date version. It was developed by Faber Maunsell to perform modelling assessments of the air quality impacts from road traffic, industrial, commercial and domestic sources. The model meets the requirements of the Local Air Quality Management Guidance TG (09). The operation of the model requires:

- The presentation of meteorological data expressed as occurrence frequencies for specified combinations of wind speed, direction, stability and boundary layer height.
- Road system layout and associated traffic data within and immediately surrounding the study area.
- Industrial stack locations and parameters
- A grid of model prediction locators (receptors).

The modelling is designed to give annual average results for PM_{10} and NO_x. It has been assumed that all NO_x emissions are completely converted to NO_2 on leaving the stack. Thus the modelled NO_x results were compared with the NO_2 Air Quality Objective in Table 1.1. This represents a conservative approach to predicting NO_2 as it is likely that a portion of the emitted NO_X will not fully convert to NO_2. The modelled results for PM_{10} were directly compared to the PM_{10} Air Quality Objective in Table 1.1.

5.1 Mapping

Surfer is a Golden Software package that can be used to create colour contour plots of output such as concentration and deposition, 3D surface plots of terrain and vectors plots of wind velocity. Contours can be overlaid on digital base maps.

5.2 Meteorology

A meteorological dataset for the year 2010 recorded at Wattisham was used as it is considered to be representative of the study area.

5.3 Traffic

A traffic count was undertaken by Suffolk County Council on Nacton Road (grid reference 619244, 242158). The annual average daily traffic figures on Nacton Road exceed 1000. However, from discussions with the operator, the plant itself does not generate more than 1000 AADT. The model suppliers advised that road traffic assessment was not required in this case.

5.4 Terrain and land use

Alstons is located in a flat area of Ipswich. Industrial estates are present in the immediate vicinity to the North and East of the stack. Industrial estates and undeveloped land are also

located to the South of the stack. To the West, there is a residential area approximately 200m away from the stack.

A surface roughness of 100 was used as suggested by AECOM as this was appropriate for the land use.

5.5 Model Domain

The domain comprises a 1kmx1km area centered on the existing biomass boiler stack (grid ref: 619400, 242200). The extent of the study area is as shown in Figure 1.

A grid resolution of 20m was used with a receptor height of 1.5m to represent human receptors.

6 Biomass plant

The biomass boiler is considered to be a point source.

6.1 Boiler Specifications

The boiler make is Omnical and was built in 1994. It is used to burn a mixture of MDF, chipboard, natural wood in the form of dust, shavings and hogged material. The boiler runs 24hrs a day 5 days/week for 48 weeks.

The key boiler specifications used in the model were based on yearly sampling reports provided to the Council by the operator's consultants, NIFES consulting group, shown in table 1.4:

Table 1.4 Key boiler specifications

Thermal input	2.9MW
Diameter	0.5m
Stack height	20m
Volumetric flow rate	1.94m^3/s
Rating of boiler	4500kg/h steam

6.2 Stack Parameters

The emissions of PM_{10} from the boiler were taken from the emissions testing report by NIFES consulting group on the 8 December 2010. The reported PM_{10} emission rate was 0.2167g/s.

No sampling of NO_X was undertaken. Therefore, this was derived using the Unit Conversion Workbook found on the Environmental Protection UK website. As there was no specific NO_x data for the boiler, the default emission factors referenced in the National Atmospheric Emissions Inventory were used. The factors for medium sized boilers using wood are 150g/GJ NO_x and 67g/GJ PM_{10}. These generated emission factors of 0.3854g/s and 0.1721g/s respectively. As the PM_{10} factor was slightly lower than the one reported in the emissions testing report i.e. 0.2167g/s, the Helpdesk recommended that a factor of 1.26 (0.2167/0.1721) is applied to the NO_X emission rate as a conservative measure to take into account the age of the boiler. The calculated emission rate of NO_x was 0.4856g/s (0.3854x1.26) and this figure was used in the model.

7 Dispersion Modelling Results

Upon running the model, the results obtained were analysed as detailed in the following sections.

7.1 PM_{10} annual mean

When the background concentration of 23μg/m^3 for PM_{10} is added to the stack contribution, a maximum value of 24μg/m^3 is obtained. When compared to the air quality objective annual mean of 40μg/m^3, it is noted that the contribution from the boiler is not causing the concentrations of PM_{10} within a 1kmx1km area to exceed that value.

7.2 NO_2 annual mean

A maximum value of 31μg/m^3 was obtained when the background value of 29.7μg/m^3 is added to the stack contribution. This value is below the 40μg/m^3 annual mean air quality objective for NO_2.

The dispersion model results are presented in contour maps to show the contribution of the boiler to local concentrations of PM_{10} and NO_x. This is shown in Appendices D and E. The detailed results are presented in Appendices F and G.

8 Conclusion

The use of AAquire 6.2 to model the impacts on air quality of emissions emitted from the boiler, indicate that the boiler emissions will not result in any exceedences of the annual mean air quality objectives for PM_{10} and NO_2. The maximum modelled concentrations modelled in a 1kmx1km grid centered on the stack were 24$\mu g/m^3$ for PM_{10} and 31$\mu g/m^3$ for NO_2. Therefore no further assessment is required regarding this plant.

9 Appendices

Appendix A: Maps of AQMAs

Appendix B: Location of automatic continuous monitor

Appendix C: Locations diffusion tubes in proximity to boiler

Appendix D: NO_x modelling contour map

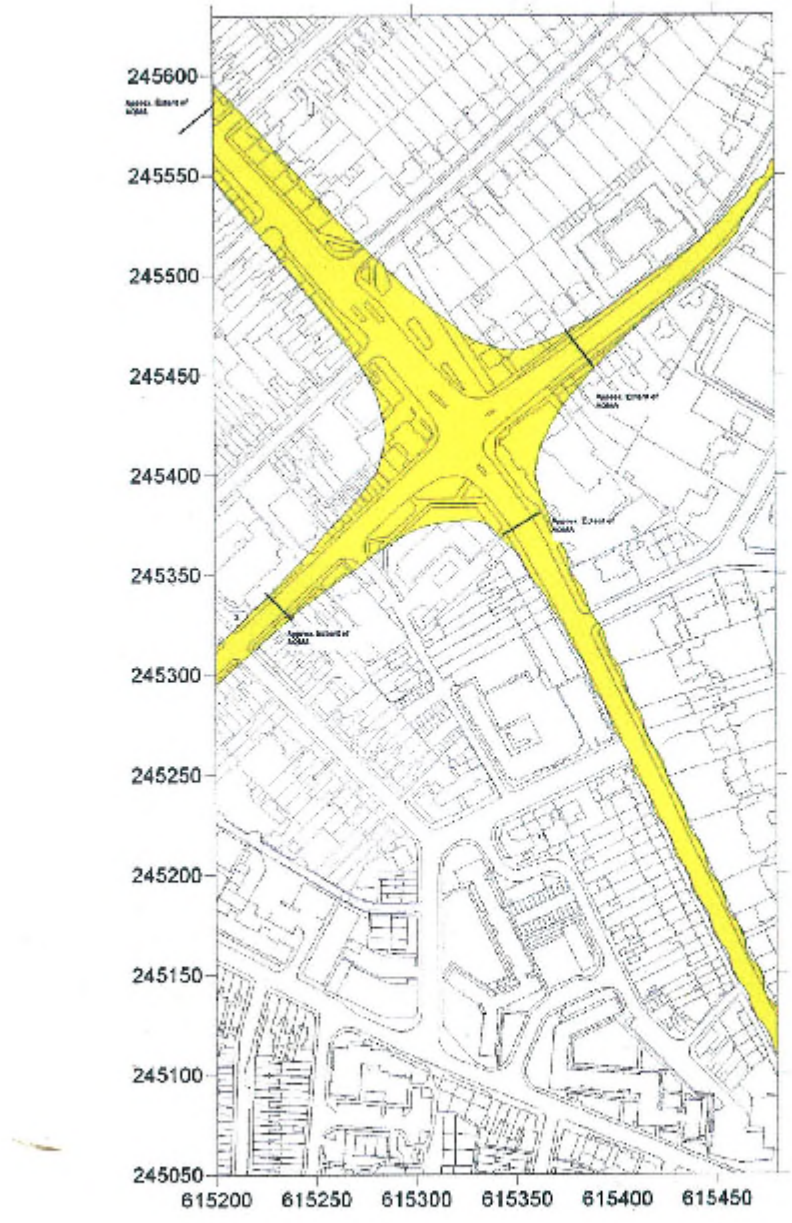
Appendix E: PM_{10} modelling contour map

Appendix F: NO_x modelling results

Appendix G: PM_{10} modelling results

Appendix A: **Maps of AQMAs**

Boundary of 40 µg/m^3 Annual Mean NO_2 Concentrations at the Norwich Road/Valley Road Junction, Ipswich (2005)



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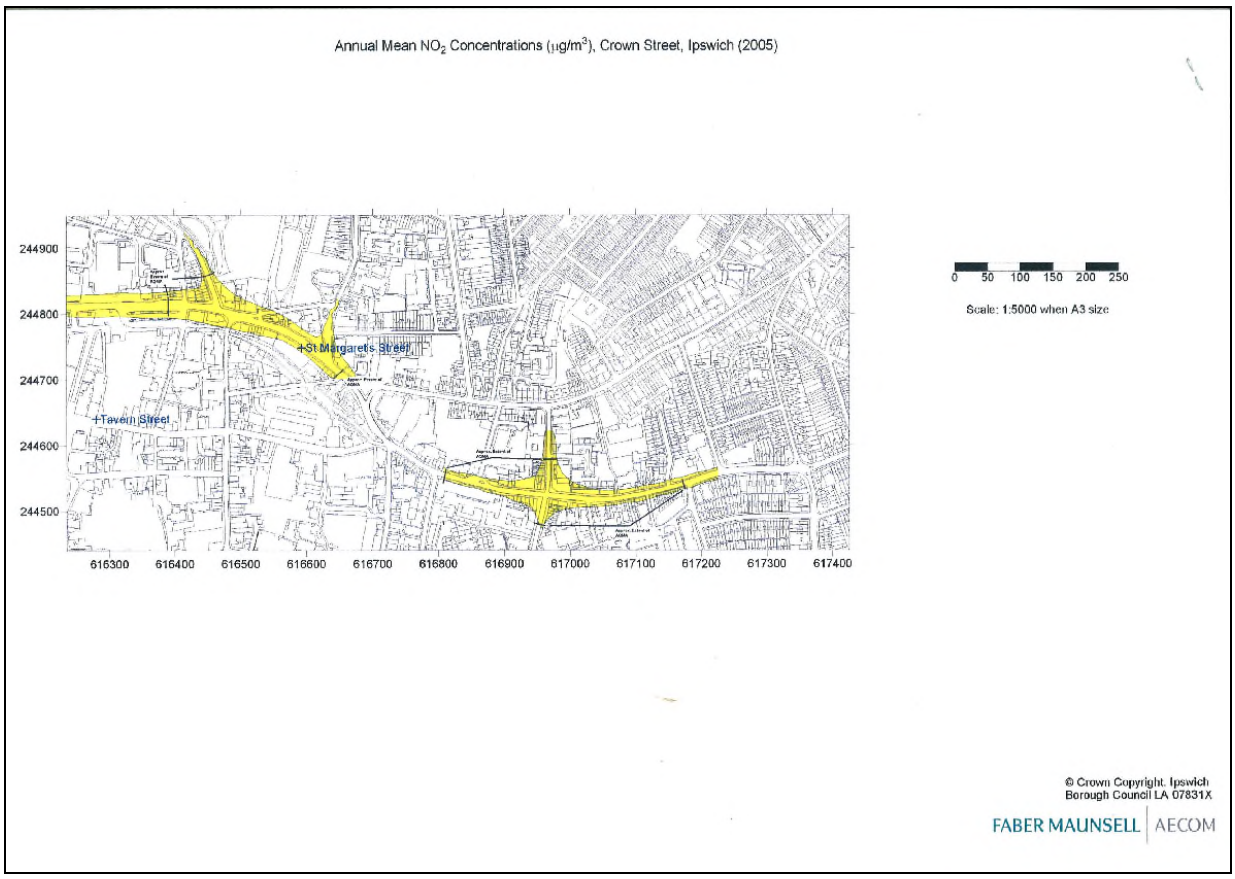
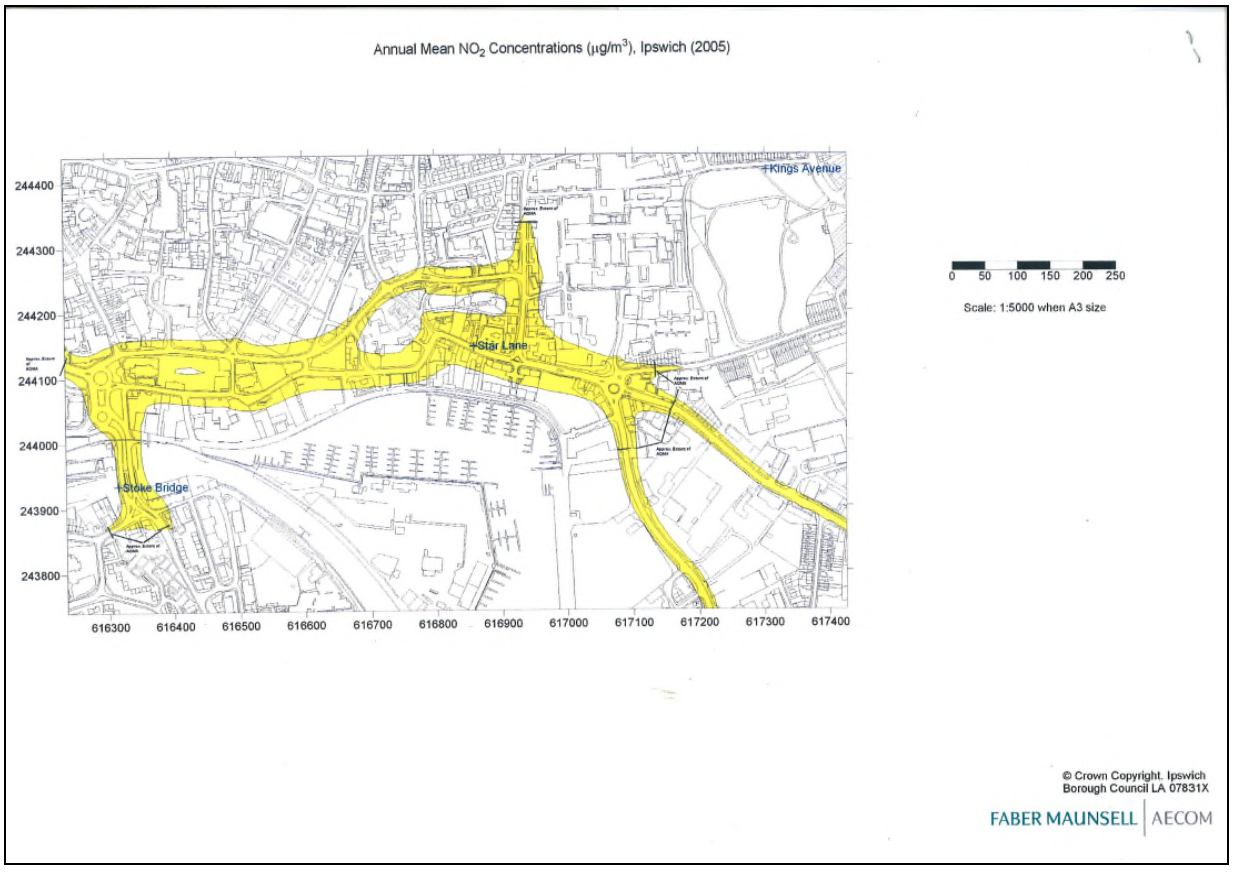
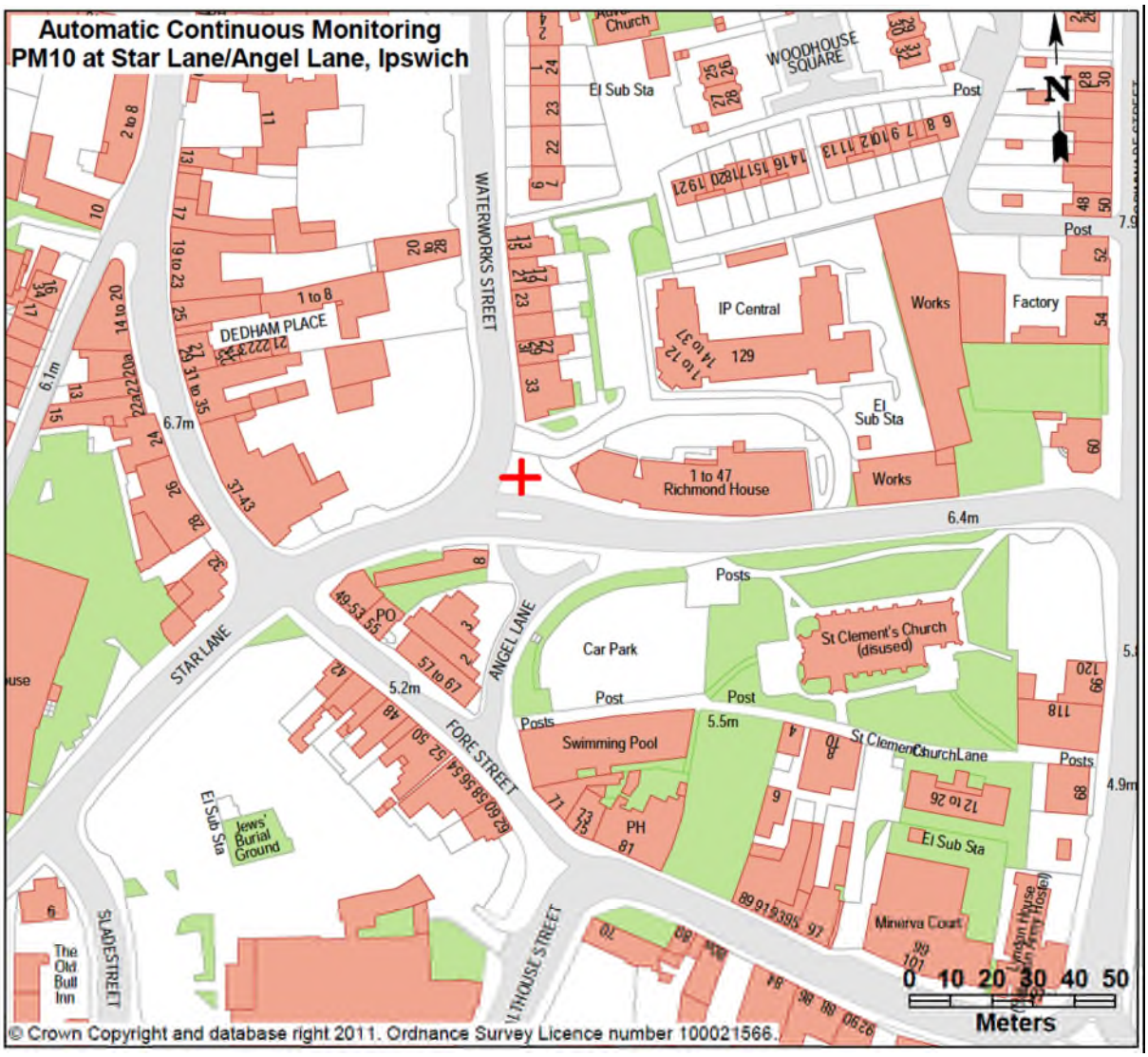
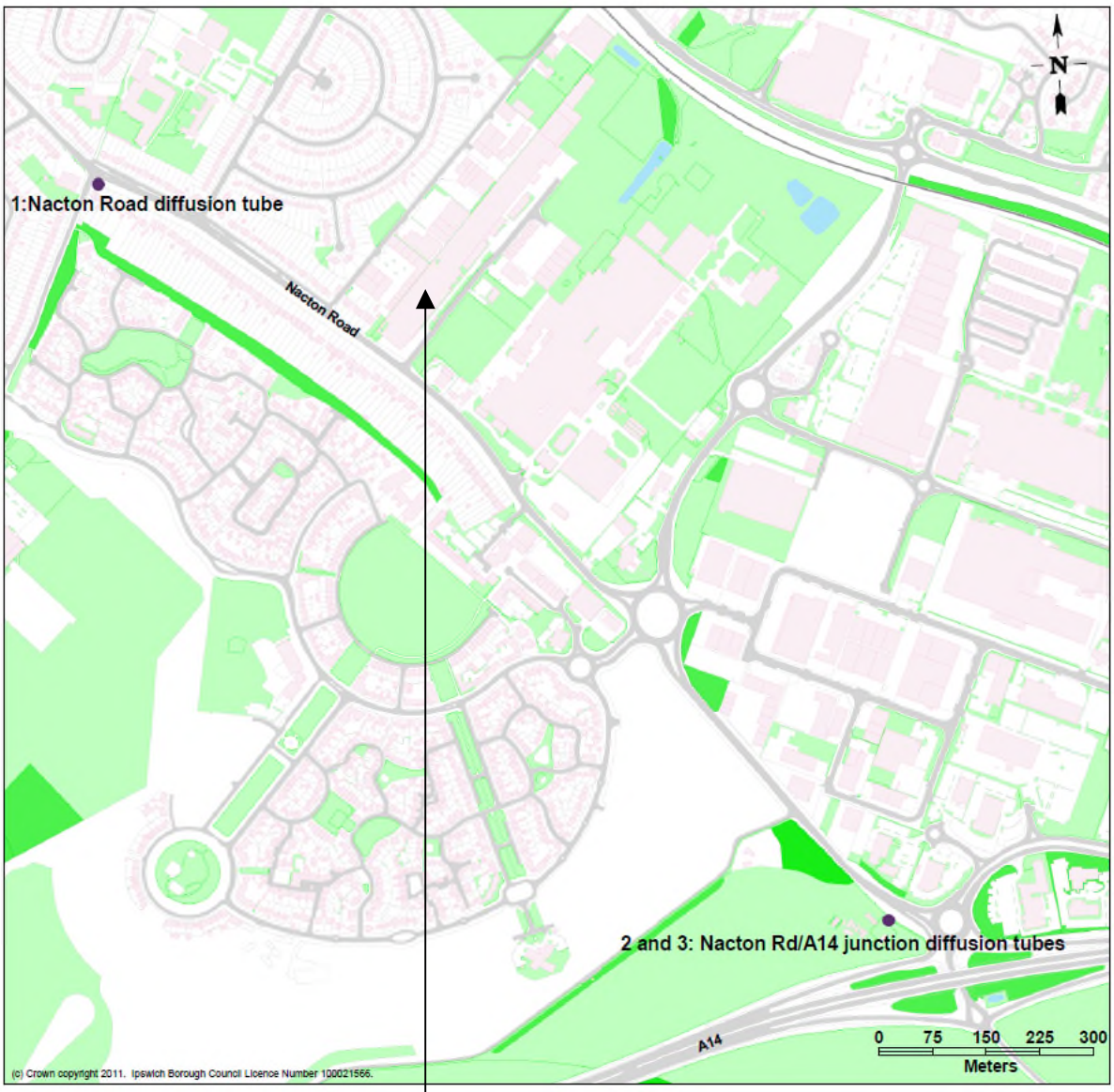

Annual Mean NO_2 Concentrations (µg/m^3), Crown Street, Ipswich (2005)
244900
244800
244700
244600
244500
St Margarets Street
Tavern Street
616300 616400 616500 616600 616700 616800 616900 617000 617100 617200 617300 617400
0 50 100 150 200 250
Scale: 1:5000 when A3 size
© Crown Copyright. Ipswich Borough Council LA 07831X
FABER MAUNSELL | AECOM


Annual Mean NO_2 Concentrations (µg/m^3), Ipswich (2005)
244400
244300
244200
244100
244000
243900
243800
Kings Avenue
Star Lane
Stoke Bridge
616300 616400 616500 616600 616700 616800 616900 617000 617100 617200 617300 617400
0 50 100 150 200 250
Scale: 1:5000 when A3 size
© Crown Copyright. Ipswich Borough Council LA 07831X
FABER MAUNSELL | AECOM

Appendix B: **Location of automatic continuous monitor**

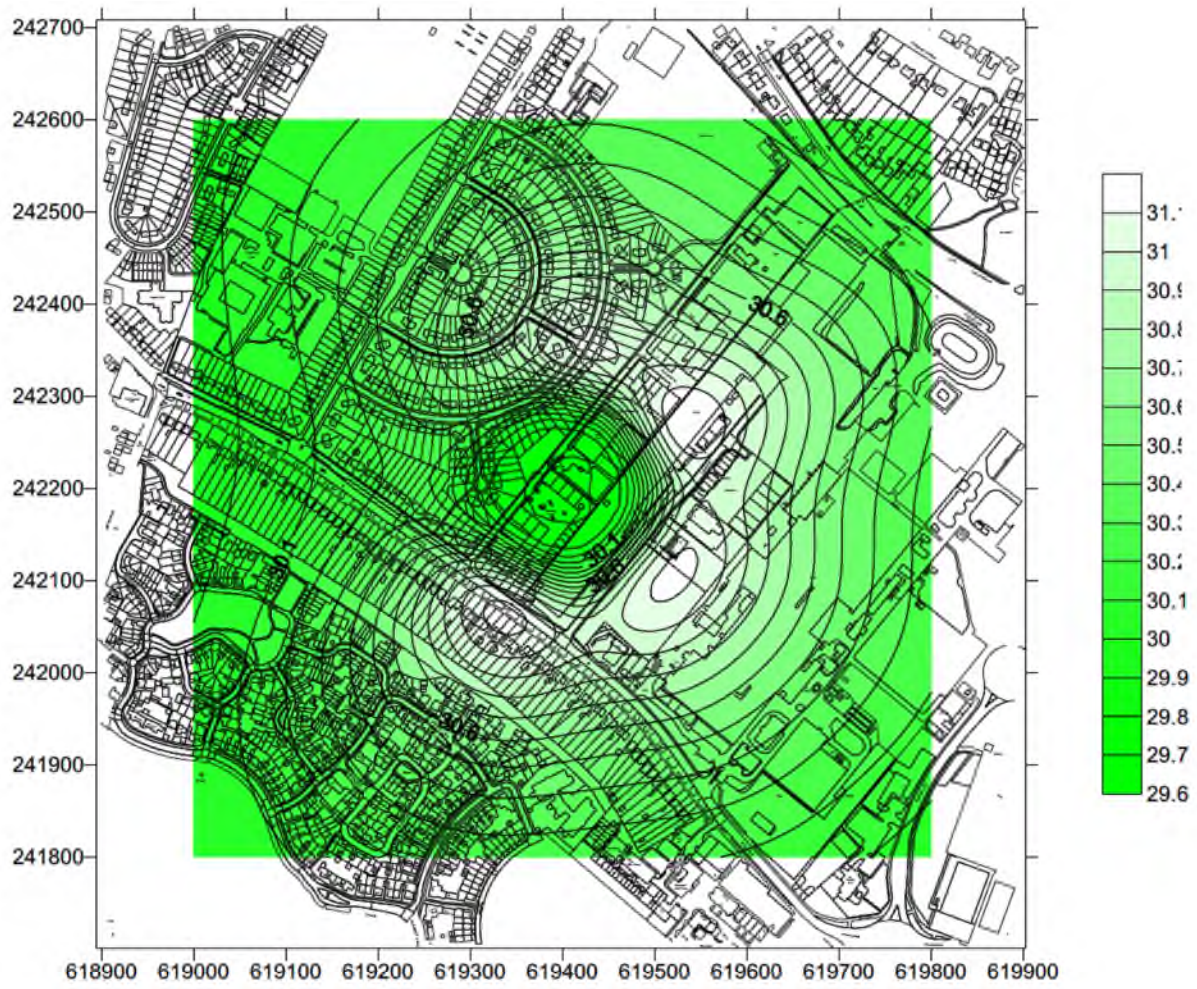


Appendix C: **Locations diffusion tubes in proximity to boiler**

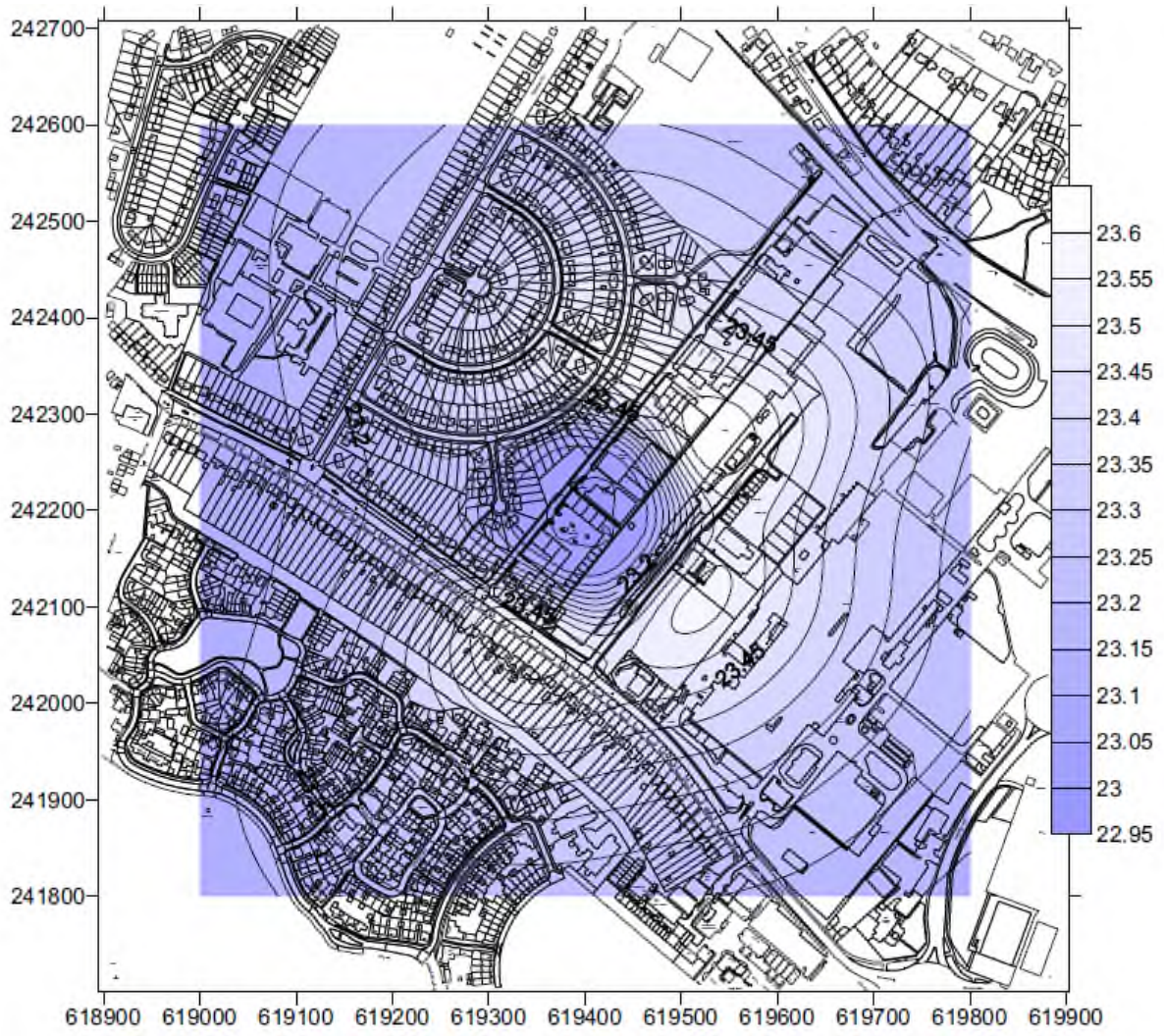


Location of Alstons, Ipswich

Appendix D: **NO_x modelling contour map**



Appendix E: **PM_{10} modelling contour map**



Appendix F: **NO_x modelling results**

Grid reference		Contribution from boiler	Background concentration	Total concentration
619000	241800	0.30248	29.7	30.00248
619000	241820	0.30942	29.7	30.00942
619000	241840	0.31565	29.7	30.01565
619000	241860	0.32099	29.7	30.02099
619000	241880	0.32526	29.7	30.02526
619000	241900	0.32821	29.7	30.02821
619000	241920	0.32968	29.7	30.02968
619000	241940	0.32952	29.7	30.02952
619000	241960	0.32768	29.7	30.02768
619000	241980	0.32418	29.7	30.02418
619000	242000	0.31915	29.7	30.01915
619000	242020	0.3128	29.7	30.0128
619000	242040	0.30553	29.7	30.00553
619000	242060	0.29782	29.7	29.99782
619000	242080	0.29025	29.7	29.99025
619000	242100	0.28318	29.7	29.98318
619000	242120	0.27684	29.7	29.97684
619000	242140	0.27141	29.7	29.97141
619000	242160	0.2668	29.7	29.9668
619000	242180	0.26296	29.7	29.96296
619000	242200	0.25985	29.7	29.95985
619000	242220	0.25741	29.7	29.95741
619000	242240	0.25566	29.7	29.95566
619000	242260	0.25482	29.7	29.95482
619000	242280	0.25483	29.7	29.95483
619000	242300	0.25553	29.7	29.95553
619000	242320	0.25668	29.7	29.95668
619000	242340	0.25812	29.7	29.95812
619000	242360	0.25977	29.7	29.95977
619000	242380	0.26154	29.7	29.96154
619000	242400	0.26336	29.7	29.96336
619000	242420	0.26512	29.7	29.96512
619000	242440	0.2667	29.7	29.9667
619000	242460	0.26798	29.7	29.96798
619000	242480	0.26876	29.7	29.96876
619000	242500	0.26886	29.7	29.96886
619000	242520	0.26814	29.7	29.96814
619000	242540	0.26651	29.7	29.96651
619000	242560	0.26395	29.7	29.96395
619000	242580	0.26049	29.7	29.96049
619000	242600	0.25627	29.7	29.95627
619020	241800	0.31934	29.7	30.01934
619020	241820	0.32772	29.7	30.02772
619020	241840	0.33545	29.7	30.03545
619020	241860	0.34232	29.7	30.04232
619020	241880	0.34807	29.7	30.04807
619020	241900	0.35245	29.7	30.05245
619020	241920	0.35518	29.7	30.05518
619020	241940	0.35605	29.7	30.05605
619020	241960	0.35491	29.7	30.05491
619020	241980	0.35171	29.7	30.05171
619020	242000	0.34658	29.7	30.04658
619020	242020	0.33972	29.7	30.03972
619020	242040	0.33152	29.7	30.03152
619020	242060	0.32261	29.7	30.02261
619020	242080	0.31365	29.7	30.01365
619020	242100	0.30522	29.7	30.00522
619020	242120	0.29762	29.7	29.99762
619020	242140	0.29111	29.7	29.99111
619020	242160	0.28562	29.7	29.98562
619020	242180	0.28108	29.7	29.98108
619020	242200	0.27747	29.7	29.97747
619020	242220	0.27471	29.7	29.97471
619020	242240	0.27279	29.7	29.97279
619020	242260	0.27198	29.7	29.97198
619020	242280	0.27217	29.7	29.97217
619020	242300	0.27317	29.7	29.97317
619020	242320	0.27468	29.7	29.97468
619020	242340	0.27655	29.7	29.97655
619020	242360	0.27867	29.7	29.97867
619020	242380	0.28092	29.7	29.98092
619020	242400	0.28316	29.7	29.98316
619020	242420	0.28522	29.7	29.98522
619020	242440	0.28694	29.7	29.98694
619020	242460	0.28812	29.7	29.98812
619020	242480	0.28853	29.7	29.98853
619020	242500	0.28804	29.7	29.98804
619020	242520	0.28651	29.7	29.98651
619020	242540	0.28392	29.7	29.98392
619020	242560	0.28024	29.7	29.98024
619020	242580	0.27564	29.7	29.97564
619020	242600	0.2703	29.7	29.9703
619040	241800	0.33687	29.7	30.03687
619040	241820	0.34686	29.7	30.04686
619040	241840	0.35632	29.7	30.05632
619040	241860	0.36497	29.7	30.06497
619040	241880	0.37253	29.7	30.07253
619040	241900	0.37866	29.7	30.07866
619040	241920	0.38305	29.7	30.08305
619040	241940	0.38531	29.7	30.08531
619040	241960	0.38522	29.7	30.08522
619040	241980	0.38264	29.7	30.08264
619040	242000	0.37758	29.7	30.07758
619040	242020	0.37028	29.7	30.07028
619040	242040	0.36113	29.7	30.06113
619040	242060	0.35084	29.7	30.05084
619040	242080	0.34019	29.7	30.04019
619040	242100	0.33004	29.7	30.03004
619040	242120	0.32084	29.7	30.02084
619040	242140	0.31292	29.7	30.01292
619040	242160	0.30629	29.7	30.00629
619040	242180	0.30091	29.7	30.00091
619040	242200	0.29669	29.7	29.99669
619040	242220	0.29352	29.7	29.99352
619040	242240	0.29145	29.7	29.99145
619040	242260	0.29075	29.7	29.99075
619040	242280	0.29121	29.7	29.99121
619040	242300	0.29265	29.7	29.99265
619040	242320	0.29469	29.7	29.99469
619040	242340	0.29718	29.7	29.99718
619040	242360	0.2999	29.7	29.9999
619040	242380	0.3027	29.7	30.0027
619040	242400	0.30537	29.7	30.00537
619040	242420	0.3077	29.7	30.0077
619040	242440	0.30946	29.7	30.00946
619040	242460	0.31034	29.7	30.01034
619040	242480	0.31018	29.7	30.01018
619040	242500	0.30882	29.7	30.00882
619040	242520	0.30621	29.7	30.00621
619040	242540	0.30234	29.7	30.00234
619040	242560	0.29738	29.7	29.99738
619040	242580	0.29148	29.7	29.99148
619040	242600	0.28487	29.7	29.98487
619060	241800	0.35503	29.7	30.05503
619060	241820	0.36681	29.7	30.06681
619060	241840	0.3782	29.7	30.0782
619060	241860	0.38891	29.7	30.08891
619060	241880	0.3986	29.7	30.0986
619060	241900	0.40686	29.7	30.10686
619060	241920	0.4133	29.7	30.1133
619060	241940	0.41745	29.7	30.11745
619060	241960	0.4189	29.7	30.1189
619060	241980	0.41734	29.7	30.11734
619060	242000	0.4127	29.7	30.1127
619060	242020	0.40514	29.7	30.10514
619060	242040	0.39506	29.7	30.09506
619060	242060	0.38319	29.7	30.08319
619060	242080	0.3705	29.7	30.0705
619060	242100	0.3581	29.7	30.0581
619060	242120	0.34676	29.7	30.04676
619060	242140	0.33699	29.7	30.03699
619060	242160	0.32895	29.7	30.02895
619060	242180	0.32253	29.7	30.02253
619060	242200	0.31755	29.7	30.01755
619060	242220	0.31392	29.7	30.01392
619060	242240	0.31167	29.7	30.01167
619060	242260	0.31112	29.7	30.01112
619060	242280	0.31204	29.7	30.01204

Grid reference		Contribution from boiler	Background concentration	Total concentration
619060	242300	0.31412	29.7	30.01412
619060	242320	0.31693	29.7	30.01693
619060	242340	0.32026	29.7	30.02026
619060	242360	0.32381	29.7	30.02381
619060	242380	0.32726	29.7	30.02726
619060	242400	0.33036	29.7	30.03036
619060	242420	0.33285	29.7	30.03285
619060	242440	0.33442	29.7	30.03442
619060	242460	0.33479	29.7	30.03479
619060	242480	0.33374	29.7	30.03374
619060	242500	0.3312	29.7	30.0312
619060	242520	0.32715	29.7	30.02715
619060	242540	0.32178	29.7	30.02178
619060	242560	0.31531	29.7	30.01531
619060	242580	0.30795	29.7	30.00795
619060	242600	0.29995	29.7	29.99995
619080	241800	0.37375	29.7	30.07375
619080	241820	0.38749	29.7	30.08749
619080	241840	0.40102	29.7	30.10102
619080	241860	0.41405	29.7	30.11405
619080	241880	0.4262	29.7	30.1262
619080	241900	0.43703	29.7	30.13703
619080	241920	0.446	29.7	30.146
619080	241940	0.45257	29.7	30.15257
619080	241960	0.45614	29.7	30.15614
619080	241980	0.45622	29.7	30.15622
619080	242000	0.45251	29.7	30.15251
619080	242020	0.44501	29.7	30.14501
619080	242040	0.43408	29.7	30.13408
619080	242060	0.42045	29.7	30.12045
619080	242080	0.40529	29.7	30.10529
619080	242100	0.39	29.7	30.09
619080	242120	0.37589	29.7	30.07589
619080	242140	0.36373	29.7	30.06373
619080	242160	0.35381	29.7	30.05381
619080	242180	0.34601	29.7	30.04601
619080	242200	0.34015	29.7	30.04015
619080	242220	0.33605	29.7	30.03605
619080	242240	0.33369	29.7	30.03369
619080	242260	0.33338	29.7	30.03338
619080	242280	0.33491	29.7	30.03491
619080	242300	0.33782	29.7	30.03782
619080	242320	0.34166	29.7	30.04166
619080	242340	0.34609	29.7	30.04609
619080	242360	0.35073	29.7	30.05073
619080	242380	0.35499	29.7	30.05499
619080	242400	0.3585	29.7	30.0585
619080	242420	0.36098	29.7	30.06098
619080	242440	0.36206	29.7	30.06206
619080	242460	0.36153	29.7	30.06153
619080	242480	0.35922	29.7	30.05922
619080	242500	0.35509	29.7	30.05509
619080	242520	0.34931	29.7	30.04931
619080	242540	0.34219	29.7	30.04219
619080	242560	0.33398	29.7	30.03398
619080	242580	0.325	29.7	30.025
619080	242600	0.31551	29.7	30.01551
619100	241800	0.39294	29.7	30.09294
619100	241820	0.40878	29.7	30.10878
619100	241840	0.42468	29.7	30.12468
619100	241860	0.4403	29.7	30.1403
619100	241880	0.45526	29.7	30.15526
619100	241900	0.46907	29.7	30.16907
619100	241920	0.4811	29.7	30.1811
619100	241940	0.49069	29.7	30.19069
619100	241960	0.4971	29.7	30.1971
619100	241980	0.49958	29.7	30.19958
619100	242000	0.49748	29.7	30.19748
619100	242020	0.49053	29.7	30.19053
619100	242040	0.47894	29.7	30.17894
619100	242060	0.46339	29.7	30.16339
619100	242080	0.44517	29.7	30.14517
619100	242100	0.42626	29.7	30.12626
619100	242120	0.4086	29.7	30.1086
619100	242140	0.39329	29.7	30.09329
619100	242160	0.38095	29.7	30.08095
619100	242180	0.37142	29.7	30.07142
619100	242200	0.36438	29.7	30.06438
619100	242220	0.35966	29.7	30.05966
619100	242240	0.3573	29.7	30.0573
619100	242260	0.35763	29.7	30.05763
619100	242280	0.36014	29.7	30.06014
619100	242300	0.36411	29.7	30.06411
619100	242320	0.36928	29.7	30.06928
619100	242340	0.37513	29.7	30.07513
619100	242360	0.38096	29.7	30.08096
619100	242380	0.38616	29.7	30.08616
619100	242400	0.39007	29.7	30.09007
619100	242420	0.3923	29.7	30.0923
619100	242440	0.39255	29.7	30.09255
619100	242460	0.39064	29.7	30.09064
619100	242480	0.38655	29.7	30.08655
619100	242500	0.38043	29.7	30.08043
619100	242520	0.37262	29.7	30.07262
619100	242540	0.36347	29.7	30.06347
619100	242560	0.35335	29.7	30.05335
619100	242580	0.34262	29.7	30.04262
619100	242600	0.33155	29.7	30.03155
619120	241800	0.41247	29.7	30.11247
619120	241820	0.43058	29.7	30.13058
619120	241840	0.44901	29.7	30.14901
619120	241860	0.46749	29.7	30.16749
619120	241880	0.48561	29.7	30.18561
619120	241900	0.50281	29.7	30.20281
619120	241920	0.51848	29.7	30.21848
619120	241940	0.53178	29.7	30.23178
619120	241960	0.54181	29.7	30.24181
619120	241980	0.54756	29.7	30.24756
619120	242000	0.54795	29.7	30.24795
619120	242020	0.54223	29.7	30.24223
619120	242040	0.53024	29.7	30.23024
619120	242060	0.51268	29.7	30.21268
619120	242080	0.4911	29.7	30.1911
619120	242100	0.46789	29.7	30.16789
619120	242120	0.44567	29.7	30.14567
619120	242140	0.42625	29.7	30.12625
619120	242160	0.41061	29.7	30.11061
619120	242180	0.39875	29.7	30.09875
619120	242200	0.39032	29.7	30.09032
619120	242220	0.38499	29.7	30.08499
619120	242240	0.38279	29.7	30.08279
619120	242260	0.38391	29.7	30.08391
619120	242280	0.38774	29.7	30.08774
619120	242300	0.3934	29.7	30.0934
619120	242320	0.40027	29.7	30.10027
619120	242340	0.40772	29.7	30.10772
619120	242360	0.41493	29.7	30.11493
619120	242380	0.42105	29.7	30.12105
619120	242400	0.42529	29.7	30.12529
619120	242420	0.42691	29.7	30.12691
619120	242440	0.42588	29.7	30.12588
619120	242460	0.42205	29.7	30.12205
619120	242480	0.41568	29.7	30.11568
619120	242500	0.40718	29.7	30.10718
619120	242520	0.397	29.7	30.097
619120	242540	0.38559	29.7	30.08559
619120	242560	0.37342	29.7	30.07342
619120	242580	0.36082	29.7	30.06082
619120	242600	0.34809	29.7	30.04809
619140	241800	0.43209	29.7	30.13209
619140	241820	0.45267	29.7	30.15267
619140	241840	0.47386	29.7	30.17386
619140	241860	0.4954	29.7	30.1954
619140	241880	0.51698	29.7	30.21698
619140	241900	0.53806	29.7	30.23806
619140	241920	0.55791	29.7	30.25791
619140	241940	0.57562	29.7	30.27562
619140	241960	0.59018	29.7	30.29018
619140	241980	0.60016	29.7	30.30016
619140	242000	0.60402	29.7	30.30402

Grid reference		Contribution from boiler	Background concentration	Total concentration
619140	242020	0.60054	29.7	30.30054
619140	242040	0.58894	29.7	30.28894
619140	242060	0.56983	29.7	30.26983
619140	242080	0.54483	29.7	30.24483
619140	242100	0.51656	29.7	30.21656
619140	242120	0.48845	29.7	30.18845
619140	242140	0.46345	29.7	30.16345
619140	242160	0.44331	29.7	30.14331
619140	242180	0.42835	29.7	30.12835
619140	242200	0.41815	29.7	30.11815
619140	242220	0.41222	29.7	30.11222
619140	242240	0.41049	29.7	30.11049
619140	242260	0.41285	29.7	30.11285
619140	242280	0.41836	29.7	30.11836
619140	242300	0.42592	29.7	30.12592
619140	242320	0.43481	29.7	30.13481
619140	242340	0.44418	29.7	30.14418
619140	242360	0.45295	29.7	30.15295
619140	242380	0.45996	29.7	30.15996
619140	242400	0.46412	29.7	30.16412
619140	242420	0.46493	29.7	30.16493
619140	242440	0.46192	29.7	30.16192
619140	242460	0.45559	29.7	30.15559
619140	242480	0.4465	29.7	30.1465
619140	242500	0.43522	29.7	30.13522
619140	242520	0.42238	29.7	30.12238
619140	242540	0.40856	29.7	30.10856
619140	242560	0.39417	29.7	30.09417
619140	242580	0.37963	29.7	30.07963
619140	242600	0.3652	29.7	30.0652
619160	241800	0.45147	29.7	30.15147
619160	241820	0.4747	29.7	30.1747
619160	241840	0.49885	29.7	30.19885
619160	241860	0.52377	29.7	30.22377
619160	241880	0.54911	29.7	30.24911
619160	241900	0.57445	29.7	30.27445
619160	241920	0.59903	29.7	30.29903
619160	241940	0.62193	29.7	30.32193
619160	241960	0.64178	29.7	30.34178
619160	241980	0.65699	29.7	30.35699
619160	242000	0.66573	29.7	30.36573
619160	242020	0.66597	29.7	30.36597
619160	242040	0.65636	29.7	30.35636
619160	242060	0.63672	29.7	30.33672
619160	242080	0.60836	29.7	30.30836
619160	242100	0.57407	29.7	30.27407
619160	242120	0.53822	29.7	30.23822
619160	242140	0.50565	29.7	30.20565
619160	242160	0.47909	29.7	30.17909
619160	242180	0.45975	29.7	30.15975
619160	242200	0.44739	29.7	30.14739
619160	242220	0.44105	29.7	30.14105
619160	242240	0.44017	29.7	30.14017
619160	242260	0.44443	29.7	30.14443
619160	242280	0.45233	29.7	30.15233
619160	242300	0.4626	29.7	30.1626
619160	242320	0.47398	29.7	30.17398
619160	242340	0.48526	29.7	30.18526
619160	242360	0.49537	29.7	30.19537
619160	242380	0.50303	29.7	30.20303
619160	242400	0.50677	29.7	30.20677
619160	242420	0.50586	29.7	30.20586
619160	242440	0.50049	29.7	30.20049
619160	242460	0.49114	29.7	30.19114
619160	242480	0.47885	29.7	30.17885
619160	242500	0.46447	29.7	30.16447
619160	242520	0.44877	29.7	30.14877
619160	242540	0.43234	29.7	30.13234
619160	242560	0.4157	29.7	30.1157
619160	242580	0.39917	29.7	30.09917
619160	242600	0.38301	29.7	30.08301
619180	241800	0.47022	29.7	30.17022
619180	241820	0.49622	29.7	30.19622
619180	241840	0.52356	29.7	30.22356
619180	241860	0.55209	29.7	30.25209
619180	241880	0.58157	29.7	30.28157
619180	241900	0.61153	29.7	30.31153
619180	241920	0.64124	29.7	30.34124
619180	241940	0.6699	29.7	30.3699
619180	241960	0.69596	29.7	30.39596
619180	241980	0.71777	29.7	30.41777
619180	242000	0.73294	29.7	30.43294
619180	242020	0.73891	29.7	30.43891
619180	242040	0.73337	29.7	30.43337
619180	242060	0.71472	29.7	30.41472
619180	242080	0.68321	29.7	30.38321
619180	242100	0.64198	29.7	30.34198
619180	242120	0.59616	29.7	30.29616
619180	242140	0.55251	29.7	30.25251
619180	242160	0.51665	29.7	30.21665
619180	242180	0.4913	29.7	30.1913
619180	242200	0.47589	29.7	30.17589
619180	242220	0.46921	29.7	30.16921
619180	242240	0.47035	29.7	30.17035
619180	242260	0.47778	29.7	30.17778
619180	242280	0.48945	29.7	30.18945
619180	242300	0.50363	29.7	30.20363
619180	242320	0.51847	29.7	30.21847
619180	242340	0.53212	29.7	30.23212
619180	242360	0.5433	29.7	30.2433
619180	242380	0.5506	29.7	30.2506
619180	242400	0.55297	29.7	30.25297
619180	242420	0.54963	29.7	30.24963
619180	242440	0.54116	29.7	30.24116
619180	242460	0.52847	29.7	30.22847
619180	242480	0.51264	29.7	30.21264
619180	242500	0.49491	29.7	30.19491
619180	242520	0.47616	29.7	30.17616
619180	242540	0.45707	29.7	30.15707
619180	242560	0.4381	29.7	30.1381
619180	242580	0.41954	29.7	30.11954
619180	242600	0.40156	29.7	30.10156
619200	241800	0.4879	29.7	30.1879
619200	241820	0.51674	29.7	30.21674
619200	241840	0.54738	29.7	30.24738
619200	241860	0.57974	29.7	30.27974
619200	241880	0.61363	29.7	30.31363
619200	241900	0.64848	29.7	30.34848
619200	241920	0.68384	29.7	30.38384
619200	241940	0.71874	29.7	30.41874
619200	241960	0.75204	29.7	30.45204
619200	241980	0.78174	29.7	30.48174
619200	242000	0.80517	29.7	30.50517
619200	242020	0.81921	29.7	30.51921
619200	242040	0.82008	29.7	30.52008
619200	242060	0.80427	29.7	30.50427
619200	242080	0.77046	29.7	30.47046
619200	242100	0.72104	29.7	30.42104
619200	242120	0.66189	29.7	30.36189
619200	242140	0.60296	29.7	30.30296
619200	242160	0.55391	29.7	30.25391
619200	242180	0.51978	29.7	30.21978
619200	242200	0.50071	29.7	30.20071
619200	242220	0.49418	29.7	30.19418
619200	242240	0.49822	29.7	30.19822
619200	242260	0.51066	29.7	30.21066
619200	242280	0.52845	29.7	30.22845
619200	242300	0.54879	29.7	30.24879
619200	242320	0.56854	29.7	30.26854
619200	242340	0.58539	29.7	30.28539
619200	242360	0.59732	29.7	30.29732
619200	242380	0.60326	29.7	30.30326
619200	242400	0.60264	29.7	30.30264
619200	242420	0.59594	29.7	30.29594
619200	242440	0.58369	29.7	30.28369
619200	242460	0.56717	29.7	30.26717
619200	242480	0.54774	29.7	30.24774
619200	242500	0.52654	29.7	30.22654
619200	242520	0.50473	29.7	30.20473
619200	242540	0.48288	29.7	30.18288

Grid reference		Contribution from boiler	Background concentration	Total concentration
619200	242560	0.46146	29.7	30.16146
619200	242580	0.44079	29.7	30.14079
619200	242600	0.42092	29.7	30.12092
619220	241800	0.504	29.7	30.204
619220	241820	0.5357	29.7	30.2357
619220	241840	0.56966	29.7	30.26966
619220	241860	0.60595	29.7	30.30595
619220	241880	0.64433	29.7	30.34433
619220	241900	0.68437	29.7	30.38437
619220	241920	0.72568	29.7	30.42568
619220	241940	0.76753	29.7	30.46753
619220	241960	0.80884	29.7	30.50884
619220	241980	0.84775	29.7	30.54775
619220	242000	0.8814	29.7	30.5814
619220	242020	0.9057	29.7	30.6057
619220	242040	0.91558	29.7	30.61558
619220	242060	0.90523	29.7	30.60523
619220	242080	0.87079	29.7	30.57079
619220	242100	0.81268	29.7	30.51268
619220	242120	0.73798	29.7	30.43798
619220	242140	0.65909	29.7	30.35909
619220	242160	0.5911	29.7	30.2911
619220	242180	0.54396	29.7	30.24396
619220	242200	0.51936	29.7	30.21936
619220	242220	0.51374	29.7	30.21374
619220	242240	0.52304	29.7	30.22304
619220	242260	0.54276	29.7	30.24276
619220	242280	0.56904	29.7	30.26904
619220	242300	0.59758	29.7	30.29758
619220	242320	0.62414	29.7	30.32414
619220	242340	0.64489	29.7	30.34489
619220	242360	0.65737	29.7	30.35737
619220	242380	0.66068	29.7	30.36068
619220	242400	0.65594	29.7	30.35594
619220	242420	0.64454	29.7	30.34454
619220	242440	0.62795	29.7	30.32795
619220	242460	0.6073	29.7	30.3073
619220	242480	0.58402	29.7	30.28402
619220	242500	0.5595	29.7	30.2595
619220	242520	0.53453	29.7	30.23453
619220	242540	0.50985	29.7	30.20985
619220	242560	0.48585	29.7	30.18585
619220	242580	0.46284	29.7	30.16284
619220	242600	0.44092	29.7	30.14092
619240	241800	0.51809	29.7	30.21809
619240	241820	0.55246	29.7	30.25246
619240	241840	0.58966	29.7	30.28966
619240	241860	0.62983	29.7	30.32983
619240	241880	0.67262	29.7	30.37262
619240	241900	0.71787	29.7	30.41787
619240	241920	0.76536	29.7	30.46536
619240	241940	0.81466	29.7	30.51466
619240	241960	0.8648	29.7	30.5648
619240	241980	0.91405	29.7	30.61405
619240	242000	0.95939	29.7	30.65939
619240	242020	0.99631	29.7	30.69631
619240	242040	1.01768	29.7	30.71768
619240	242060	1.01548	29.7	30.71548
619240	242080	0.98328	29.7	30.68328
619240	242100	0.91829	29.7	30.61829
619240	242120	0.82539	29.7	30.52539
619240	242140	0.71881	29.7	30.41881
619240	242160	0.62166	29.7	30.32166
619240	242180	0.55469	29.7	30.25469
619240	242200	0.52365	29.7	30.22365
619240	242220	0.52132	29.7	30.22132
619240	242240	0.53991	29.7	30.23991
619240	242260	0.57193	29.7	30.27193
619240	242280	0.61082	29.7	30.31082
619240	242300	0.65022	29.7	30.35022
619240	242320	0.68415	29.7	30.38415
619240	242340	0.70889	29.7	30.40889
619240	242360	0.72173	29.7	30.42173
619240	242380	0.72224	29.7	30.42224
619240	242400	0.71242	29.7	30.41242
619240	242420	0.69561	29.7	30.39561
619240	242440	0.674	29.7	30.374
619240	242460	0.64914	29.7	30.34914
619240	242480	0.62181	29.7	30.32181
619240	242500	0.59369	29.7	30.29369
619240	242520	0.56556	29.7	30.26556
619240	242540	0.53786	29.7	30.23786
619240	242560	0.51109	29.7	30.21109
619240	242580	0.48558	29.7	30.18558
619240	242600	0.46144	29.7	30.16144
619260	241800	0.52982	29.7	30.22982
619260	241820	0.56659	29.7	30.26659
619260	241840	0.60672	29.7	30.30672
619260	241860	0.65042	29.7	30.35042
619260	241880	0.69734	29.7	30.39734
619260	241900	0.7476	29.7	30.4476
619260	241920	0.80134	29.7	30.50134
619260	241940	0.85821	29.7	30.55821
619260	241960	0.91762	29.7	30.61762
619260	241980	0.97795	29.7	30.67795
619260	242000	1.03613	29.7	30.73613
619260	242020	1.08684	29.7	30.78684
619260	242040	1.12156	29.7	30.82156
619260	242060	1.13119	29.7	30.83119
619260	242080	1.10529	29.7	30.80529
619260	242100	1.03388	29.7	30.73388
619260	242120	0.91524	29.7	30.61524
619260	242140	0.76875	29.7	30.46875
619260	242160	0.63065	29.7	30.33065
619260	242180	0.53579	29.7	30.23579
619260	242200	0.4962	29.7	30.1962
619260	242220	0.50087	29.7	30.20087
619260	242240	0.53465	29.7	30.23465
619260	242260	0.58683	29.7	30.28683
619260	242280	0.6466	29.7	30.3466
619260	242300	0.70368	29.7	30.40368
619260	242320	0.74813	29.7	30.44813
619260	242340	0.77605	29.7	30.47605
619260	242360	0.78835	29.7	30.48835
619260	242380	0.78605	29.7	30.48605
619260	242400	0.77164	29.7	30.47164
619260	242420	0.74926	29.7	30.44926
619260	242440	0.72221	29.7	30.42221
619260	242460	0.6927	29.7	30.3927
619260	242480	0.66137	29.7	30.36137
619260	242500	0.62915	29.7	30.32915
619260	242520	0.59752	29.7	30.29752
619260	242540	0.56669	29.7	30.26669
619260	242560	0.53691	29.7	30.23691
619260	242580	0.50869	29.7	30.20869
619260	242600	0.48213	29.7	30.18213
619280	241800	0.53893	29.7	30.23893
619280	241820	0.57772	29.7	30.27772
619280	241840	0.62034	29.7	30.32034
619280	241860	0.66695	29.7	30.36695
619280	241880	0.71741	29.7	30.41741
619280	241900	0.77225	29.7	30.47225
619280	241920	0.83174	29.7	30.53174
619280	241940	0.89595	29.7	30.59595
619280	241960	0.96438	29.7	30.66438
619280	241980	1.03566	29.7	30.73566
619280	242000	1.10662	29.7	30.80662
619280	242020	1.17125	29.7	30.87125
619280	242040	1.22147	29.7	30.92147
619280	242060	1.2459	29.7	30.9459
619280	242080	1.22628	29.7	30.92628
619280	242100	1.14473	29.7	30.84473
619280	242120	0.99472	29.7	30.69472
619280	242140	0.78871	29.7	30.48871
619280	242160	0.58837	29.7	30.28837
619280	242180	0.45387	29.7	30.15387
619280	242200	0.40787	29.7	30.10787
619280	242220	0.426	29.7	30.126
619280	242240	0.48338	29.7	30.18338
619280	242260	0.56949	29.7	30.26949

Grid reference		Contribution from boiler	Background concentration	Total concentration
619280	242280	0.66599	29.7	30.36599
619280	242300	0.74922	29.7	30.44922
619280	242320	0.81037	29.7	30.51037
619280	242340	0.84454	29.7	30.54454
619280	242360	0.85633	29.7	30.55633
619280	242380	0.8515	29.7	30.5515
619280	242400	0.83333	29.7	30.53333
619280	242420	0.80576	29.7	30.50576
619280	242440	0.77298	29.7	30.47298
619280	242460	0.73801	29.7	30.43801
619280	242480	0.70214	29.7	30.40214
619280	242500	0.66576	29.7	30.36576
619280	242520	0.63012	29.7	30.33012
619280	242540	0.59586	29.7	30.29586
619280	242560	0.56287	29.7	30.26287
619280	242580	0.53172	29.7	30.23172
619280	242600	0.50255	29.7	30.20255
619300	241800	0.54529	29.7	30.24529
619300	241820	0.58562	29.7	30.28562
619300	241840	0.63012	29.7	30.33012
619300	241860	0.67884	29.7	30.37884
619300	241880	0.7322	29.7	30.4322
619300	241900	0.79077	29.7	30.49077
619300	241920	0.8551	29.7	30.5551
619300	241940	0.92551	29.7	30.62551
619300	241960	1.00178	29.7	30.70178
619300	241980	1.0828	29.7	30.7828
619300	242000	1.16502	29.7	30.86502
619300	242020	1.24291	29.7	30.94291
619300	242040	1.30874	29.7	31.00874
619300	242060	1.34581	29.7	31.04581
619300	242080	1.33012	29.7	31.03012
619300	242100	1.23337	29.7	30.93337
619300	242120	1.02454	29.7	30.72454
619300	242140	0.74191	29.7	30.44191
619300	242160	0.47764	29.7	30.17764
619300	242180	0.30929	29.7	30.00929
619300	242200	0.25769	29.7	29.95769
619300	242220	0.29006	29.7	29.99006
619300	242240	0.37369	29.7	30.07369
619300	242260	0.49986	29.7	30.19986
619300	242280	0.64525	29.7	30.34525
619300	242300	0.77519	29.7	30.47519
619300	242320	0.86341	29.7	30.56341
619300	242340	0.9105	29.7	30.6105
619300	242360	0.92549	29.7	30.62549
619300	242380	0.91914	29.7	30.61914
619300	242400	0.89753	29.7	30.59753
619300	242420	0.86477	29.7	30.56477
619300	242440	0.82591	29.7	30.52591
619300	242460	0.7849	29.7	30.4849
619300	242480	0.74363	29.7	30.44363
619300	242500	0.70272	29.7	30.40272
619300	242520	0.66281	29.7	30.36281
619300	242540	0.62471	29.7	30.32471
619300	242560	0.58828	29.7	30.28828
619300	242580	0.55401	29.7	30.25401
619300	242600	0.52213	29.7	30.22213
619320	241800	0.54884	29.7	30.24884
619320	241820	0.59017	29.7	30.29017
619320	241840	0.6358	29.7	30.3358
619320	241860	0.68594	29.7	30.38594
619320	241880	0.74124	29.7	30.44124
619320	241900	0.80242	29.7	30.50242
619320	241920	0.87023	29.7	30.57023
619320	241940	0.94515	29.7	30.64515
619320	241960	1.02718	29.7	30.72718
619320	241980	1.1151	29.7	30.8151
619320	242000	1.20555	29.7	30.90555
619320	242020	1.29412	29.7	30.99412
619320	242040	1.3715	29.7	31.0715
619320	242060	1.41474	29.7	31.11474
619320	242080	1.39535	29.7	31.09535
619320	242100	1.25536	29.7	30.95536
619320	242120	0.97242	29.7	30.67242
619320	242140	0.60766	29.7	30.30766
619320	242160	0.30491	29.7	30.00491
619320	242180	0.1471	29.7	29.8471
619320	242200	0.10579	29.7	29.80579
619320	242220	0.13743	29.7	29.83743
619320	242240	0.2273	29.7	29.9273
619320	242260	0.38471	29.7	30.08471
619320	242280	0.57515	29.7	30.27515
619320	242300	0.76026	29.7	30.46026
619320	242320	0.89992	29.7	30.59992
619320	242340	0.97177	29.7	30.67177
619320	242360	0.99632	29.7	30.69632
619320	242380	0.9894	29.7	30.6894
619320	242400	0.9643	29.7	30.6643
619320	242420	0.92579	29.7	30.62579
619320	242440	0.8803	29.7	30.5803
619320	242460	0.83257	29.7	30.53257
619320	242480	0.7851	29.7	30.4851
619320	242500	0.73895	29.7	30.43895
619320	242520	0.69446	29.7	30.39446
619320	242540	0.65231	29.7	30.35231
619320	242560	0.61231	29.7	30.31231
619320	242580	0.57487	29.7	30.27487
619320	242600	0.54027	29.7	30.24027
619340	241800	0.5499	29.7	30.2499
619340	241820	0.59162	29.7	30.29162
619340	241840	0.63763	29.7	30.33763
619340	241860	0.68835	29.7	30.38835
619340	241880	0.74453	29.7	30.44453
619340	241900	0.80698	29.7	30.50698
619340	241920	0.8766	29.7	30.5766
619340	241940	0.95391	29.7	30.65391
619340	241960	1.03888	29.7	30.73888
619340	241980	1.13018	29.7	30.83018
619340	242000	1.2245	29.7	30.9245
619340	242020	1.31798	29.7	31.01798
619340	242040	1.39806	29.7	31.09806
619340	242060	1.43741	29.7	31.13741
619340	242080	1.38952	29.7	31.08952
619340	242100	1.18255	29.7	30.88255
619340	242120	0.81919	29.7	30.51919
619340	242140	0.40287	29.7	30.10287
619340	242160	0.13164	29.7	29.83164
619340	242180	0.03644	29.7	29.73644
619340	242200	0.01831	29.7	29.71831
619340	242220	0.03449	29.7	29.73449
619340	242240	0.09838	29.7	29.79838
619340	242260	0.24335	29.7	29.94335
619340	242280	0.46059	29.7	30.16059
619340	242300	0.70272	29.7	30.40272
619340	242320	0.91334	29.7	30.61334
619340	242340	1.0306	29.7	30.7306
619340	242360	1.06991	29.7	30.76991
619340	242380	1.06346	29.7	30.76346
619340	242400	1.03281	29.7	30.73281
619340	242420	0.98762	29.7	30.68762
619340	242440	0.93451	29.7	30.63451
619340	242460	0.87912	29.7	30.57912
619340	242480	0.82485	29.7	30.52485
619340	242500	0.77294	29.7	30.47294
619340	242520	0.72372	29.7	30.42372
619340	242540	0.67755	29.7	30.37755
619340	242560	0.63403	29.7	30.33403
619340	242580	0.59359	29.7	30.29359
619340	242600	0.55639	29.7	30.25639
619360	241800	0.54899	29.7	30.24899
619360	241820	0.59059	29.7	30.29059
619360	241840	0.63639	29.7	30.33639
619360	241860	0.68689	29.7	30.38689
619360	241880	0.74294	29.7	30.44294
619360	241900	0.80534	29.7	30.50534
619360	241920	0.87495	29.7	30.57495
619360	241940	0.95227	29.7	30.65227
619360	241960	1.03706	29.7	30.73706
619360	241980	1.12753	29.7	30.82753

Grid reference		Contribution from boiler	Background concentration	Total concentration
619360	242000	1.22059	29.7	30.92059
619360	242020	1.31159	29.7	31.01159
619360	242040	1.38336	29.7	31.08336
619360	242060	1.40393	29.7	31.10393
619360	242080	1.30088	29.7	31.00088
619360	242100	1.01927	29.7	30.71927
619360	242120	0.59166	29.7	30.29166
619360	242140	0.20654	29.7	29.90654
619360	242160	0.03317	29.7	29.73317
619360	242180	0.00483	29.7	29.70483
619360	242200	0.00101	29.7	29.70101
619360	242220	0.00522	29.7	29.70522
619360	242240	0.02858	29.7	29.72858
619360	242260	0.12112	29.7	29.82112
619360	242280	0.33501	29.7	30.03501
619360	242300	0.64166	29.7	30.34166
619360	242320	0.92618	29.7	30.62618
619360	242340	1.09537	29.7	30.79537
619360	242360	1.14817	29.7	30.84817
619360	242380	1.13996	29.7	30.83996
619360	242400	1.10059	29.7	30.80059
619360	242420	1.04659	29.7	30.74659
619360	242440	0.985	29.7	30.685
619360	242460	0.92166	29.7	30.62166
619360	242480	0.86054	29.7	30.56054
619360	242500	0.80289	29.7	30.50289
619360	242520	0.74911	29.7	30.44911
619360	242540	0.69914	29.7	30.39914
619360	242560	0.65244	29.7	30.35244
619360	242580	0.60932	29.7	30.30932
619360	242600	0.56984	29.7	30.26984
619380	241800	0.54652	29.7	30.24652
619380	241820	0.58762	29.7	30.28762
619380	241840	0.63289	29.7	30.33289
619380	241860	0.68267	29.7	30.38267
619380	241880	0.73788	29.7	30.43788
619380	241900	0.79929	29.7	30.49929
619380	241920	0.86759	29.7	30.56759
619380	241940	0.94309	29.7	30.64309
619380	241960	1.02526	29.7	30.72526
619380	241980	1.11143	29.7	30.81143
619380	242000	1.19842	29.7	30.89842
619380	242020	1.28002	29.7	30.98002
619380	242040	1.33485	29.7	31.03485
619380	242060	1.32441	29.7	31.02441
619380	242080	1.16315	29.7	30.86315
619380	242100	0.82216	29.7	30.52216
619380	242120	0.38736	29.7	30.08736
619380	242140	0.08702	29.7	29.78702
619380	242160	0.00847	29.7	29.70847
619380	242180	0.00081	29.7	29.70081
619380	242200	0	29.7	29.7
619380	242220	0.00151	29.7	29.70151
619380	242240	0.00893	29.7	29.70893
619380	242260	0.05999	29.7	29.75999
619380	242280	0.26931	29.7	29.96931
619380	242300	0.6292	29.7	30.3292
619380	242320	0.97207	29.7	30.67207
619380	242340	1.17118	29.7	30.87118
619380	242360	1.22779	29.7	30.92779
619380	242380	1.2115	29.7	30.9115
619380	242400	1.16092	29.7	30.86092
619380	242420	1.09704	29.7	30.79704
619380	242440	1.02706	29.7	30.72706
619380	242460	0.95638	29.7	30.65638
619380	242480	0.88915	29.7	30.58915
619380	242500	0.82661	29.7	30.52661
619380	242520	0.76897	29.7	30.46897
619380	242540	0.71591	29.7	30.41591
619380	242560	0.66667	29.7	30.36667
619380	242580	0.6214	29.7	30.3214
619380	242600	0.58014	29.7	30.28014
619400	241800	0.54305	29.7	30.24305
619400	241820	0.58347	29.7	30.28347
619400	241840	0.62795	29.7	30.32795
619400	241860	0.6767	29.7	30.3767
619400	241880	0.7307	29.7	30.4307
619400	241900	0.79059	29.7	30.49059
619400	241920	0.85689	29.7	30.55689
619400	241940	0.92975	29.7	30.62975
619400	241960	1.00803	29.7	30.70803
619400	241980	1.08885	29.7	30.78885
619400	242000	1.16814	29.7	30.86814
619400	242020	1.2386	29.7	30.9386
619400	242040	1.27714	29.7	30.97714
619400	242060	1.23982	29.7	30.93982
619400	242080	1.04176	29.7	30.74176
619400	242100	0.68281	29.7	30.38281
619400	242120	0.281	29.7	29.981
619400	242140	0.04903	29.7	29.74903
619400	242160	0.00404	29.7	29.70404
619400	242180	0.00003	29.7	29.70003
619400	242200	0	29.7	29.7
619400	242220	0.00011	29.7	29.70011
619400	242240	0.00561	29.7	29.70561
619400	242260	0.05155	29.7	29.75155
619400	242280	0.27868	29.7	29.97868
619400	242300	0.67785	29.7	30.37785
619400	242320	1.04452	29.7	30.74452
619400	242340	1.2471	29.7	30.9471
619400	242360	1.29327	29.7	30.99327
619400	242380	1.26549	29.7	30.96549
619400	242400	1.20401	29.7	30.90401
619400	242420	1.13204	29.7	30.83204
619400	242440	1.05556	29.7	30.75556
619400	242460	0.97969	29.7	30.67969
619400	242480	0.90826	29.7	30.60826
619400	242500	0.84245	29.7	30.54245
619400	242520	0.78219	29.7	30.48219
619400	242540	0.72704	29.7	30.42704
619400	242560	0.67614	29.7	30.37614
619400	242580	0.62947	29.7	30.32947
619400	242600	0.58703	29.7	30.28703
619420	241800	0.53899	29.7	30.23899
619420	241820	0.57866	29.7	30.27866
619420	241840	0.62228	29.7	30.32228
619420	241860	0.67001	29.7	30.37001
619420	241880	0.72278	29.7	30.42278
619420	241900	0.78112	29.7	30.48112
619420	241920	0.84545	29.7	30.54545
619420	241940	0.91578	29.7	30.61578
619420	241960	0.99082	29.7	30.69082
619420	241980	1.06764	29.7	30.76764
619420	242000	1.1416	29.7	30.8416
619420	242020	1.20601	29.7	30.90601
619420	242040	1.23902	29.7	30.93902
619420	242060	1.20024	29.7	30.90024
619420	242080	1.0124	29.7	30.7124
619420	242100	0.67449	29.7	30.37449
619420	242120	0.29933	29.7	29.99933
619420	242140	0.06439	29.7	29.76439
619420	242160	0.00613	29.7	29.70613
619420	242180	0.00115	29.7	29.70115
619420	242200	0.0007	29.7	29.7007
619420	242220	0.00086	29.7	29.70086
619420	242240	0.00835	29.7	29.70835
619420	242260	0.07954	29.7	29.77954
619420	242280	0.34872	29.7	30.04872
619420	242300	0.76241	29.7	30.46241
619420	242320	1.11492	29.7	30.81492
619420	242340	1.2975	29.7	30.9975
619420	242360	1.32714	29.7	31.02714
619420	242380	1.28994	29.7	30.98994
619420	242400	1.22268	29.7	30.92268
619420	242420	1.14676	29.7	30.84676
619420	242440	1.06748	29.7	30.76748
619420	242460	0.98952	29.7	30.68952
619420	242480	0.91648	29.7	30.61648
619420	242500	0.84946	29.7	30.54946
619420	242520	0.78817	29.7	30.48817

Grid reference		Contribution from boiler	Background concentration	Total concentration
619420	242540	0.73214	29.7	30.43214
619420	242560	0.6806	29.7	30.3806
619420	242580	0.63333	29.7	30.33333
619420	242600	0.59038	29.7	30.29038
619440	241800	0.53459	29.7	30.23459
619440	241820	0.57358	29.7	30.27358
619440	241840	0.61641	29.7	30.31641
619440	241860	0.66323	29.7	30.36323
619440	241880	0.71492	29.7	30.41492
619440	241900	0.772	29.7	30.472
619440	241920	0.83481	29.7	30.53481
619440	241940	0.90346	29.7	30.60346
619440	241960	0.97691	29.7	30.67691
619440	241980	1.05255	29.7	30.75255
619440	242000	1.12608	29.7	30.82608
619440	242020	1.19254	29.7	30.89254
619440	242040	1.23552	29.7	30.93552
619440	242060	1.2251	29.7	30.9251
619440	242080	1.09742	29.7	30.79742
619440	242100	0.83162	29.7	30.53162
619440	242120	0.48222	29.7	30.18222
619440	242140	0.18127	29.7	29.88127
619440	242160	0.03737	29.7	29.73737
619440	242180	0.01102	29.7	29.71102
619440	242200	0.00924	29.7	29.70924
619440	242220	0.0117	29.7	29.7117
619440	242240	0.04195	29.7	29.74195
619440	242260	0.19351	29.7	29.89351
619440	242280	0.50612	29.7	30.20612
619440	242300	0.88163	29.7	30.58163
619440	242320	1.17065	29.7	30.87065
619440	242340	1.30945	29.7	31.00945
619440	242360	1.323	29.7	31.023
619440	242380	1.281	29.7	30.981
619440	242400	1.21433	29.7	30.91433
619440	242420	1.13948	29.7	30.83948
619440	242440	1.06166	29.7	30.76166
619440	242460	0.9851	29.7	30.6851
619440	242480	0.91328	29.7	30.61328
619440	242500	0.84724	29.7	30.54724
619440	242520	0.78658	29.7	30.48658
619440	242540	0.73105	29.7	30.43105
619440	242560	0.67989	29.7	30.37989
619440	242580	0.63289	29.7	30.33289
619440	242600	0.59011	29.7	30.29011
619460	241800	0.53003	29.7	30.23003
619460	241820	0.56843	29.7	30.26843
619460	241840	0.61064	29.7	30.31064
619460	241860	0.6568	29.7	30.3568
619460	241880	0.70765	29.7	30.40765
619460	241900	0.76385	29.7	30.46385
619460	241920	0.82573	29.7	30.52573
619460	241940	0.89366	29.7	30.59366
619460	241960	0.96712	29.7	30.66712
619460	241980	1.04404	29.7	30.74404
619460	242000	1.12124	29.7	30.82124
619460	242020	1.19523	29.7	30.89523
619460	242040	1.25664	29.7	30.95664
619460	242060	1.28541	29.7	30.98541
619460	242080	1.24072	29.7	30.94072
619460	242100	1.07679	29.7	30.77679
619460	242120	0.79465	29.7	30.49465
619460	242140	0.45878	29.7	30.15878
619460	242160	0.20081	29.7	29.90081
619460	242180	0.08563	29.7	29.78563
619460	242200	0.06384	29.7	29.76384
619460	242220	0.10094	29.7	29.80094
619460	242240	0.22847	29.7	29.92847
619460	242260	0.46448	29.7	30.16448
619460	242280	0.76444	29.7	30.46444
619460	242300	1.036	29.7	30.736
619460	242320	1.22344	29.7	30.92344
619460	242340	1.29731	29.7	30.99731
619460	242360	1.29197	29.7	30.99197
619460	242380	1.24673	29.7	30.94673
619460	242400	1.18374	29.7	30.88374
619460	242420	1.11353	29.7	30.81353
619460	242440	1.04026	29.7	30.74026
619460	242460	0.96795	29.7	30.66795
619460	242480	0.89981	29.7	30.59981
619460	242500	0.83664	29.7	30.53664
619460	242520	0.77807	29.7	30.47807
619460	242540	0.7242	29.7	30.4242
619460	242560	0.67433	29.7	30.37433
619460	242580	0.62832	29.7	30.32832
619460	242600	0.58635	29.7	30.28635
619480	241800	0.52535	29.7	30.22535
619480	241820	0.56327	29.7	30.26327
619480	241840	0.605	29.7	30.305
619480	241860	0.65073	29.7	30.35073
619480	241880	0.70103	29.7	30.40103
619480	241900	0.75658	29.7	30.45658
619480	241920	0.81788	29.7	30.51788
619480	241940	0.88544	29.7	30.58544
619480	241960	0.95937	29.7	30.65937
619480	241980	1.03811	29.7	30.73811
619480	242000	1.1197	29.7	30.8197
619480	242020	1.20077	29.7	30.90077
619480	242040	1.27796	29.7	30.97796
619480	242060	1.3364	29.7	31.0364
619480	242080	1.35637	29.7	31.05637
619480	242100	1.29082	29.7	30.99082
619480	242120	1.10845	29.7	30.80845
619480	242140	0.83022	29.7	30.53022
619480	242160	0.54593	29.7	30.24593
619480	242180	0.36813	29.7	30.06813
619480	242200	0.32866	29.7	30.02866
619480	242220	0.42007	29.7	30.12007
619480	242240	0.62279	29.7	30.32279
619480	242260	0.86244	29.7	30.56244
619480	242280	1.06917	29.7	30.76917
619480	242300	1.21333	29.7	30.91333
619480	242320	1.28149	29.7	30.98149
619480	242340	1.28524	29.7	30.98524
619480	242360	1.25373	29.7	30.95373
619480	242380	1.20144	29.7	30.90144
619480	242400	1.14065	29.7	30.84065
619480	242420	1.07525	29.7	30.77525
619480	242440	1.00757	29.7	30.70757
619480	242460	0.94101	29.7	30.64101
619480	242480	0.87796	29.7	30.57796
619480	242500	0.81891	29.7	30.51891
619480	242520	0.76358	29.7	30.46358
619480	242540	0.71226	29.7	30.41226
619480	242560	0.6644	29.7	30.3644
619480	242580	0.62007	29.7	30.32007
619480	242600	0.57948	29.7	30.27948
619500	241800	0.52063	29.7	30.22063
619500	241820	0.55807	29.7	30.25807
619500	241840	0.59936	29.7	30.29936
619500	241860	0.64465	29.7	30.34465
619500	241880	0.69438	29.7	30.39438
619500	241900	0.74919	29.7	30.44919
619500	241920	0.80968	29.7	30.50968
619500	241940	0.87645	29.7	30.57645
619500	241960	0.94989	29.7	30.64989
619500	241980	1.02925	29.7	30.72925
619500	242000	1.11244	29.7	30.81244
619500	242020	1.19655	29.7	30.89655
619500	242040	1.27973	29.7	30.97973
619500	242060	1.35443	29.7	31.05443
619500	242080	1.40475	29.7	31.10475
619500	242100	1.40836	29.7	31.10836
619500	242120	1.32569	29.7	31.02569
619500	242140	1.15613	29.7	30.85613
619500	242160	0.94809	29.7	30.64809
619500	242180	0.7853	29.7	30.4853
619500	242200	0.74482	29.7	30.44482
619500	242220	0.84991	29.7	30.54991
619500	242240	1.04331	29.7	30.74331

Grid reference		Contribution from boiler	Background concentration	Total concentration
619500	242260	1.22001	29.7	30.92001
619500	242280	1.32873	29.7	31.02873
619500	242300	1.35827	29.7	31.05827
619500	242320	1.32907	29.7	31.02907
619500	242340	1.27958	29.7	30.97958
619500	242360	1.21955	29.7	30.91955
619500	242380	1.15737	29.7	30.85737
619500	242400	1.09502	29.7	30.79502
619500	242420	1.03188	29.7	30.73188
619500	242440	0.96883	29.7	30.66883
619500	242460	0.90796	29.7	30.60796
619500	242480	0.85029	29.7	30.55029
619500	242500	0.79581	29.7	30.49581
619500	242520	0.74431	29.7	30.44431
619500	242540	0.6961	29.7	30.3961
619500	242560	0.65067	29.7	30.35067
619500	242580	0.60857	29.7	30.30857
619500	242600	0.56983	29.7	30.26983
619520	241800	0.51565	29.7	30.21565
619520	241820	0.55249	29.7	30.25249
619520	241840	0.59315	29.7	30.29315
619520	241860	0.6378	29.7	30.3378
619520	241880	0.68671	29.7	30.38671
619520	241900	0.74045	29.7	30.44045
619520	241920	0.79949	29.7	30.49949
619520	241940	0.86438	29.7	30.56438
619520	241960	0.93551	29.7	30.63551
619520	241980	1.01249	29.7	30.71249
619520	242000	1.09369	29.7	30.79369
619520	242020	1.17632	29.7	30.87632
619520	242040	1.25803	29.7	30.95803
619520	242060	1.33587	29.7	31.03587
619520	242080	1.3987	29.7	31.0987
619520	242100	1.43088	29.7	31.13088
619520	242120	1.41917	29.7	31.11917
619520	242140	1.34624	29.7	31.04624
619520	242160	1.22822	29.7	30.92822
619520	242180	1.11984	29.7	30.81984
619520	242200	1.09225	29.7	30.79225
619520	242220	1.17836	29.7	30.87836
619520	242240	1.32415	29.7	31.02415
619520	242260	1.43482	29.7	31.13482
619520	242280	1.46559	29.7	31.16559
619520	242300	1.42667	29.7	31.12667
619520	242320	1.35528	29.7	31.05528
619520	242340	1.27191	29.7	30.97191
619520	242360	1.1918	29.7	30.8918
619520	242380	1.11906	29.7	30.81906
619520	242400	1.05203	29.7	30.75203
619520	242420	0.98862	29.7	30.68862

Grid reference		Contribution from boiler	Background concentration	Total concentration
619520	242440	0.92875	29.7	30.62875
619520	242460	0.87239	29.7	30.57239
619520	242480	0.81942	29.7	30.51942
619520	242500	0.76921	29.7	30.46921
619520	242520	0.72165	29.7	30.42165
619520	242540	0.67659	29.7	30.37659
619520	242560	0.63402	29.7	30.33402
619520	242580	0.59446	29.7	30.29446
619520	242600	0.55789	29.7	30.25789
619540	241800	0.51013	29.7	30.21013
619540	241820	0.54616	29.7	30.24616
619540	241840	0.58586	29.7	30.28586
619540	241860	0.62951	29.7	30.32951
619540	241880	0.67708	29.7	30.37708
619540	241900	0.72898	29.7	30.42898
619540	241920	0.78571	29.7	30.48571
619540	241940	0.84737	29.7	30.54737
619540	241960	0.91436	29.7	30.61436
619540	241980	0.98648	29.7	30.68648
619540	242000	1.0627	29.7	30.7627
619540	242020	1.14085	29.7	30.84085
619540	242040	1.21769	29.7	30.91769
619540	242060	1.29121	29.7	30.99121
619540	242080	1.3552	29.7	31.0552
619540	242100	1.40055	29.7	31.10055
619540	242120	1.41483	29.7	31.11483
619540	242140	1.39376	29.7	31.09376
619540	242160	1.33892	29.7	31.03892
619540	242180	1.28146	29.7	30.98146
619540	242200	1.27302	29.7	30.97302
619540	242220	1.33622	29.7	31.03622
619540	242240	1.42949	29.7	31.12949
619540	242260	1.48982	29.7	31.18982
619540	242280	1.49029	29.7	31.19029
619540	242300	1.43803	29.7	31.13803
619540	242320	1.35229	29.7	31.05229
619540	242340	1.25768	29.7	30.95768
619540	242360	1.16719	29.7	30.86719
619540	242380	1.08588	29.7	30.78588
619540	242400	1.01337	29.7	30.71337
619540	242420	0.94855	29.7	30.64855
619540	242440	0.89016	29.7	30.59016
619540	242460	0.83693	29.7	30.53693
619540	242480	0.78757	29.7	30.48757
619540	242500	0.74103	29.7	30.44103
619540	242520	0.69699	29.7	30.39699
619540	242540	0.65487	29.7	30.35487
619540	242560	0.61529	29.7	30.31529
619540	242580	0.5784	29.7	30.2784
619540	242600	0.54413	29.7	30.24413

Grid reference		Contribution from boiler	Background concentration	Total concentration
619560	241800	0.50382	29.7	30.20382
619560	241820	0.53874	29.7	30.23874
619560	241840	0.57705	29.7	30.27705
619560	241860	0.61902	29.7	30.31902
619560	241880	0.66463	29.7	30.36463
619560	241900	0.71397	29.7	30.41397
619560	241920	0.7674	29.7	30.4674
619560	241940	0.82492	29.7	30.52492
619560	241960	0.88663	29.7	30.58663
619560	241980	0.95256	29.7	30.65256
619560	242000	1.02211	29.7	30.72211
619560	242020	1.09398	29.7	30.79398
619560	242040	1.16531	29.7	30.86531
619560	242060	1.23247	29.7	30.93247
619560	242080	1.29226	29.7	30.99226
619560	242100	1.33861	29.7	31.03861
619560	242120	1.36348	29.7	31.06348
619560	242140	1.35991	29.7	31.05991
619560	242160	1.33173	29.7	31.03173
619560	242180	1.30163	29.7	31.00163
619560	242200	1.30241	29.7	31.00241
619560	242220	1.34748	29.7	31.04748
619560	242240	1.41309	29.7	31.11309
619560	242260	1.45815	29.7	31.15815
619560	242280	1.45572	29.7	31.15572
619560	242300	1.40529	29.7	31.10529
619560	242320	1.32536	29.7	31.02536
619560	242340	1.23311	29.7	30.93311
619560	242360	1.14043	29.7	30.84043
619560	242380	1.05502	29.7	30.75502
619560	242400	0.97905	29.7	30.67905
619560	242420	0.91273	29.7	30.61273
619560	242440	0.85474	29.7	30.55474
619560	242460	0.80321	29.7	30.50321
619560	242480	0.75628	29.7	30.45628
619560	242500	0.71267	29.7	30.41267
619560	242520	0.67138	29.7	30.37138
619560	242540	0.63213	29.7	30.33213
619560	242560	0.59537	29.7	30.29537
619560	242580	0.56106	29.7	30.26106
619560	242600	0.52909	29.7	30.22909
619580	241800	0.49636	29.7	30.19636
619580	241820	0.52984	29.7	30.22984
619580	241840	0.56634	29.7	30.26634
619580	241860	0.60604	29.7	30.30604
619580	241880	0.64906	29.7	30.34906
619580	241900	0.69523	29.7	30.39523
619580	241920	0.74476	29.7	30.44476
619580	241940	0.79775	29.7	30.49775
619580	241960	0.85392	29.7	30.55392

Grid reference		Contribution from boiler	Background concentration	Total concentration
619580	241980	0.91341	29.7	30.61341
619580	242000	0.97594	29.7	30.67594
619580	242020	1.04057	29.7	30.74057
619580	242040	1.10515	29.7	30.80515
619580	242060	1.16641	29.7	30.86641
619580	242080	1.22049	29.7	30.92049
619580	242100	1.26235	29.7	30.96235
619580	242120	1.28646	29.7	30.98646
619580	242140	1.28884	29.7	30.98884
619580	242160	1.27409	29.7	30.97409
619580	242180	1.25863	29.7	30.95863
619580	242200	1.26392	29.7	30.96392
619580	242220	1.29895	29.7	30.99895
619580	242240	1.34851	29.7	31.04851
619580	242260	1.3838	29.7	31.0838
619580	242280	1.38439	29.7	31.08439
619580	242300	1.34667	29.7	31.04667
619580	242320	1.27994	29.7	30.97994
619580	242340	1.19615	29.7	30.89615
619580	242360	1.10807	29.7	30.80807
619580	242380	1.02384	29.7	30.72384
619580	242400	0.9475	29.7	30.6475
619580	242420	0.88081	29.7	30.58081
619580	242440	0.82301	29.7	30.52301
619580	242460	0.77231	29.7	30.47231
619580	242480	0.72683	29.7	30.42683
619580	242500	0.68507	29.7	30.38507
619580	242520	0.64579	29.7	30.34579
619580	242540	0.60911	29.7	30.30911
619580	242560	0.57493	29.7	30.27493
619580	242580	0.54305	29.7	30.24305
619580	242600	0.51328	29.7	30.21328
619600	241800	0.48755	29.7	30.18755
619600	241820	0.51925	29.7	30.21925
619600	241840	0.55356	29.7	30.25356
619600	241860	0.59064	29.7	30.29064
619600	241880	0.63057	29.7	30.33057
619600	241900	0.67324	29.7	30.37324
619600	241920	0.7187	29.7	30.4187
619600	241940	0.76704	29.7	30.46704
619600	241960	0.81809	29.7	30.51809
619600	241980	0.87154	29.7	30.57154
619600	242000	0.92742	29.7	30.62742
619600	242020	0.98471	29.7	30.68471
619600	242040	1.0419	29.7	30.7419
619600	242060	1.09627	29.7	30.79627
619600	242080	1.14384	29.7	30.84384
619600	242100	1.18042	29.7	30.88042
619600	242120	1.20145	29.7	30.90145
619600	242140	1.20494	29.7	30.90494
619600	242160	1.19591	29.7	30.89591
619600	242180	1.18759	29.7	30.88759
619600	242200	1.19498	29.7	30.89498
619600	242220	1.22359	29.7	30.92359
619600	242240	1.26355	29.7	30.96355
619600	242260	1.2945	29.7	30.9945
619600	242280	1.29989	29.7	30.99989
619600	242300	1.2738	29.7	30.9738
619600	242320	1.21997	29.7	30.91997
619600	242340	1.14834	29.7	30.84834
619600	242360	1.06906	29.7	30.76906
619600	242380	0.99028	29.7	30.69028
619600	242400	0.91707	29.7	30.61707
619600	242420	0.85181	29.7	30.55181
619600	242440	0.7946	29.7	30.4946
619600	242460	0.74451	29.7	30.44451
619600	242480	0.6997	29.7	30.3997
619600	242500	0.65883	29.7	30.35883
619600	242520	0.62117	29.7	30.32117
619600	242540	0.58654	29.7	30.28654
619600	242560	0.55453	29.7	30.25453
619600	242580	0.52477	29.7	30.22477
619600	242600	0.49702	29.7	30.19702
619620	241800	0.47726	29.7	30.17726
619620	241820	0.50696	29.7	30.20696
619620	241840	0.53885	29.7	30.23885
619620	241860	0.5731	29.7	30.2731
619620	241880	0.60979	29.7	30.30979
619620	241900	0.64897	29.7	30.34897
619620	241920	0.6904	29.7	30.3904
619620	241940	0.73424	29.7	30.43424
619620	241960	0.78049	29.7	30.48049
619620	241980	0.82877	29.7	30.52877
619620	242000	0.87848	29.7	30.57848
619620	242020	0.92904	29.7	30.62904
619620	242040	0.97904	29.7	30.67904
619620	242060	1.02579	29.7	30.72579
619620	242080	1.06618	29.7	30.76618
619620	242100	1.09663	29.7	30.79663
619620	242120	1.11397	29.7	30.81397
619620	242140	1.11781	29.7	30.81781
619620	242160	1.11298	29.7	30.81298
619620	242180	1.10939	29.7	30.80939
619620	242200	1.11773	29.7	30.81773
619620	242220	1.14199	29.7	30.84199
619620	242240	1.1751	29.7	30.8751
619620	242260	1.2021	29.7	30.9021
619620	242280	1.20985	29.7	30.90985
619620	242300	1.1922	29.7	30.8922
619620	242320	1.15091	29.7	30.85091
619620	242340	1.09244	29.7	30.79244
619620	242360	1.0247	29.7	30.7247
619620	242380	0.9543	29.7	30.6543
619620	242400	0.88653	29.7	30.58653
619620	242420	0.82438	29.7	30.52438
619620	242440	0.76872	29.7	30.46872
619620	242460	0.71908	29.7	30.41908
619620	242480	0.67466	29.7	30.37466
619620	242500	0.63446	29.7	30.33446
619620	242520	0.59808	29.7	30.29808
619620	242540	0.56499	29.7	30.26499
619620	242560	0.53465	29.7	30.23465
619620	242580	0.50668	29.7	30.20668
619620	242600	0.48073	29.7	30.18073
619640	241800	0.46557	29.7	30.16557
619640	241820	0.4931	29.7	30.1931
619640	241840	0.52254	29.7	30.22254
619640	241860	0.55397	29.7	30.25397
619640	241880	0.58751	29.7	30.28751
619640	241900	0.62317	29.7	30.32317
619640	241920	0.661	29.7	30.361
619640	241940	0.70079	29.7	30.40079
619640	241960	0.74251	29.7	30.44251
619640	241980	0.78591	29.7	30.48591
619640	242000	0.83033	29.7	30.53033
619640	242020	0.87491	29.7	30.57491
619640	242040	0.91803	29.7	30.61803
619640	242060	0.95762	29.7	30.65762
619640	242080	0.99099	29.7	30.69099
619640	242100	1.01523	29.7	30.71523
619640	242120	1.02873	29.7	30.72873
619640	242140	1.03197	29.7	30.73197
619640	242160	1.02946	29.7	30.72946
619640	242180	1.029	29.7	30.729
619640	242200	1.03813	29.7	30.73813
619640	242220	1.05885	29.7	30.75885
619640	242240	1.08605	29.7	30.78605
619640	242260	1.10942	29.7	30.80942
619640	242280	1.11872	29.7	30.81872
619640	242300	1.10858	29.7	30.80858
619640	242320	1.0788	29.7	30.7788
619640	242340	1.03305	29.7	30.73305
619640	242360	0.977	29.7	30.677
619640	242380	0.91613	29.7	30.61613
619640	242400	0.85517	29.7	30.55517
619640	242420	0.79724	29.7	30.49724
619640	242440	0.74377	29.7	30.44377
619640	242460	0.6952	29.7	30.3952
619640	242480	0.65141	29.7	30.35141
619640	242500	0.61199	29.7	30.31199

Grid reference		Contribution from boiler	Background concentration	Total concentration
619640	242520	0.57665	29.7	30.27665
619640	242540	0.54474	29.7	30.24474
619640	242560	0.51574	29.7	30.21574
619640	242580	0.48919	29.7	30.18919
619640	242600	0.4647	29.7	30.1647
619660	241800	0.45265	29.7	30.15265
619660	241820	0.47803	29.7	30.17803
619660	241840	0.50508	29.7	30.20508
619660	241860	0.53386	29.7	30.23386
619660	241880	0.56443	29.7	30.26443
619660	241900	0.59691	29.7	30.29691
619660	241920	0.63131	29.7	30.33131
619660	241940	0.66744	29.7	30.36744
619660	241960	0.70509	29.7	30.40509
619660	241980	0.74398	29.7	30.44398
619660	242000	0.78356	29.7	30.48356
619660	242020	0.82272	29.7	30.52272
619660	242040	0.85977	29.7	30.55977
619660	242060	0.89301	29.7	30.59301
619660	242080	0.92008	29.7	30.62008
619660	242100	0.93899	29.7	30.63899
619660	242120	0.94893	29.7	30.64893
619660	242140	0.95123	29.7	30.65123
619660	242160	0.94994	29.7	30.64994
619660	242180	0.95102	29.7	30.65102
619660	242200	0.95984	29.7	30.65984
619660	242220	0.97775	29.7	30.67775
619660	242240	1.00092	29.7	30.70092
619660	242260	1.02194	29.7	30.72194
619660	242280	1.03263	29.7	30.73263
619660	242300	1.02825	29.7	30.72825
619660	242320	1.00776	29.7	30.70776
619660	242340	0.97298	29.7	30.67298
619660	242360	0.92763	29.7	30.62763
619660	242380	0.87614	29.7	30.57614
619660	242400	0.82237	29.7	30.52237
619660	242420	0.76921	29.7	30.46921
619660	242440	0.71879	29.7	30.41879
619660	242460	0.67212	29.7	30.37212
619660	242480	0.62954	29.7	30.32954
619660	242500	0.59124	29.7	30.29124
619660	242520	0.55685	29.7	30.25685
619660	242540	0.52593	29.7	30.22593
619660	242560	0.498	29.7	30.198
619660	242580	0.47259	29.7	30.17259
619660	242600	0.44929	29.7	30.14929
619680	241800	0.43884	29.7	30.13884
619680	241820	0.46218	29.7	30.16218
619680	241840	0.48696	29.7	30.18696
619680	241860	0.51328	29.7	30.21328
619680	241880	0.54122	29.7	30.24122
619680	241900	0.57082	29.7	30.27082
619680	241920	0.60205	29.7	30.30205
619680	241940	0.63479	29.7	30.33479
619680	241960	0.66869	29.7	30.36869
619680	241980	0.70354	29.7	30.40354
619680	242000	0.73864	29.7	30.43864
619680	242020	0.77275	29.7	30.47275
619680	242040	0.80457	29.7	30.50457
619680	242060	0.83233	29.7	30.53233
619680	242080	0.85417	29.7	30.55417
619680	242100	0.86879	29.7	30.56879
619680	242120	0.87594	29.7	30.57594
619680	242140	0.87741	29.7	30.57741
619680	242160	0.87683	29.7	30.57683
619680	242180	0.87873	29.7	30.57873
619680	242200	0.88714	29.7	30.58714
619680	242220	0.90287	29.7	30.60287
619680	242240	0.92297	29.7	30.62297
619680	242260	0.94197	29.7	30.64197
619680	242280	0.9534	29.7	30.6534
619680	242300	0.95318	29.7	30.65318
619680	242320	0.93971	29.7	30.63971
619680	242340	0.91377	29.7	30.61377
619680	242360	0.87766	29.7	30.57766
619680	242380	0.83466	29.7	30.53466
619680	242400	0.78789	29.7	30.48789
619680	242420	0.74005	29.7	30.44005
619680	242440	0.69337	29.7	30.39337
619680	242460	0.64936	29.7	30.34936
619680	242480	0.60879	29.7	30.30879
619680	242500	0.57188	29.7	30.27188
619680	242520	0.53854	29.7	30.23854
619680	242540	0.50855	29.7	30.20855
619680	242560	0.48153	29.7	30.18153
619680	242580	0.45703	29.7	30.15703
619680	242600	0.43468	29.7	30.13468
619700	241800	0.42446	29.7	30.12446
619700	241820	0.44591	29.7	30.14591
619700	241840	0.46865	29.7	30.16865
619700	241860	0.49277	29.7	30.19277
619700	241880	0.51833	29.7	30.21833
619700	241900	0.54532	29.7	30.24532
619700	241920	0.57365	29.7	30.27365
619700	241940	0.60321	29.7	30.30321
619700	241960	0.63373	29.7	30.33373
619700	241980	0.66483	29.7	30.36483
619700	242000	0.69568	29.7	30.39568
619700	242020	0.72534	29.7	30.42534
619700	242040	0.75248	29.7	30.45248
619700	242060	0.77556	29.7	30.47556
619700	242080	0.79313	29.7	30.49313
619700	242100	0.80446	29.7	30.50446
619700	242120	0.8097	29.7	30.5097
619700	242140	0.8106	29.7	30.5106
619700	242160	0.81045	29.7	30.51045
619700	242180	0.81285	29.7	30.51285
619700	242200	0.82083	29.7	30.52083
619700	242220	0.83477	29.7	30.53477
619700	242240	0.8524	29.7	30.5524
619700	242260	0.86954	29.7	30.56954
619700	242280	0.8811	29.7	30.5811
619700	242300	0.88358	29.7	30.58358
619700	242320	0.87534	29.7	30.57534
619700	242340	0.85646	29.7	30.55646
619700	242360	0.82815	29.7	30.52815
619700	242380	0.79255	29.7	30.49255
619700	242400	0.75226	29.7	30.45226
619700	242420	0.70996	29.7	30.40996
619700	242440	0.66771	29.7	30.36771
619700	242460	0.62697	29.7	30.32697
619700	242480	0.58875	29.7	30.28875
619700	242500	0.55354	29.7	30.25354
619700	242520	0.52148	29.7	30.22148
619700	242540	0.49246	29.7	30.19246
619700	242560	0.46624	29.7	30.16624
619700	242580	0.44253	29.7	30.14253
619700	242600	0.42097	29.7	30.12097
619720	241800	0.40981	29.7	30.10981
619720	241820	0.42958	29.7	30.12958
619720	241840	0.45051	29.7	30.15051
619720	241860	0.47266	29.7	30.17266
619720	241880	0.49605	29.7	30.19605
619720	241900	0.52064	29.7	30.22064
619720	241920	0.54636	29.7	30.24636
619720	241940	0.57299	29.7	30.27299
619720	241960	0.60037	29.7	30.30037
619720	241980	0.62786	29.7	30.32786
619720	242000	0.65487	29.7	30.35487
619720	242020	0.68052	29.7	30.38052
619720	242040	0.70356	29.7	30.40356
619720	242060	0.72259	29.7	30.42259
619720	242080	0.7367	29.7	30.4367
619720	242100	0.74544	29.7	30.44544
619720	242120	0.74924	29.7	30.44924
619720	242140	0.74988	29.7	30.44988
619720	242160	0.75012	29.7	30.45012
619720	242180	0.75285	29.7	30.45285
619720	242200	0.76037	29.7	30.46037
619720	242220	0.77283	29.7	30.47283

Grid reference		Contribution from boiler	Background concentration	Total concentration
619720	242240	0.78836	29.7	30.48836
619720	242260	0.80379	29.7	30.50379
619720	242280	0.81515	29.7	30.51515
619720	242300	0.81948	29.7	30.51948
619720	242320	0.81517	29.7	30.51517
619720	242340	0.80169	29.7	30.50169
619720	242360	0.77965	29.7	30.47965
619720	242380	0.75042	29.7	30.45042
619720	242400	0.71633	29.7	30.41633
619720	242420	0.67957	29.7	30.37957
619720	242440	0.64185	29.7	30.34185
619720	242460	0.60471	29.7	30.30471
619720	242480	0.56917	29.7	30.26917
619720	242500	0.53595	29.7	30.23595
619720	242520	0.50535	29.7	30.20535
619720	242540	0.47743	29.7	30.17743
619720	242560	0.45207	29.7	30.15207
619720	242580	0.42907	29.7	30.12907
619720	242600	0.40816	29.7	30.10816
619740	241800	0.39522	29.7	30.09522
619740	241820	0.41347	29.7	30.11347
619740	241840	0.43278	29.7	30.13278
619740	241860	0.45315	29.7	30.15315
619740	241880	0.47456	29.7	30.17456
619740	241900	0.49698	29.7	30.19698
619740	241920	0.52028	29.7	30.22028
619740	241940	0.54433	29.7	30.24433
619740	241960	0.56872	29.7	30.26872
619740	241980	0.59295	29.7	30.29295
619740	242000	0.61647	29.7	30.31647
619740	242020	0.63841	29.7	30.33841
619740	242040	0.65777	29.7	30.35777
619740	242060	0.67346	29.7	30.37346
619740	242080	0.68469	29.7	30.38469
619740	242100	0.69132	29.7	30.39132
619740	242120	0.69409	29.7	30.39409
619740	242140	0.69459	29.7	30.39459
619740	242160	0.6952	29.7	30.3952
619740	242180	0.69819	29.7	30.39819
619740	242200	0.70529	29.7	30.40529
619740	242220	0.71648	29.7	30.41648
619740	242240	0.73028	29.7	30.43028
619740	242260	0.74421	29.7	30.44421
619740	242280	0.75519	29.7	30.45519
619740	242300	0.76071	29.7	30.46071
619740	242320	0.75911	29.7	30.45911
619740	242340	0.74974	29.7	30.44974
619740	242360	0.73275	29.7	30.43275
619740	242380	0.70923	29.7	30.40923
619740	242400	0.68078	29.7	30.38078
619740	242420	0.64914	29.7	30.34914
619740	242440	0.61595	29.7	30.31595
619740	242460	0.5825	29.7	30.2825
619740	242480	0.54988	29.7	30.24988
619740	242500	0.51887	29.7	30.21887
619740	242520	0.48992	29.7	30.18992
619740	242540	0.46323	29.7	30.16323
619740	242560	0.43881	29.7	30.13881
619740	242580	0.41654	29.7	30.11654
619740	242600	0.39624	29.7	30.09624
619760	241800	0.38088	29.7	30.08088
619760	241820	0.39779	29.7	30.09779
619760	241840	0.4156	29.7	30.1156
619760	241860	0.43433	29.7	30.13433
619760	241880	0.45397	29.7	30.15397
619760	241900	0.47438	29.7	30.17438
619760	241920	0.49552	29.7	30.19552
619760	241940	0.51715	29.7	30.21715
619760	241960	0.53883	29.7	30.23883
619760	241980	0.56018	29.7	30.26018
619760	242000	0.58057	29.7	30.28057
619760	242020	0.59926	29.7	30.29926
619760	242040	0.61536	29.7	30.31536
619760	242060	0.6281	29.7	30.3281
619760	242080	0.63703	29.7	30.33703
619760	242100	0.64212	29.7	30.34212
619760	242120	0.64415	29.7	30.34415
619760	242140	0.64463	29.7	30.34463
619760	242160	0.64551	29.7	30.34551
619760	242180	0.64861	29.7	30.34861
619760	242200	0.6552	29.7	30.3552
619760	242220	0.6652	29.7	30.3652
619760	242240	0.67745	29.7	30.37745
619760	242260	0.69008	29.7	30.39008
619760	242280	0.70055	29.7	30.40055
619760	242300	0.70668	29.7	30.40668
619760	242320	0.70701	29.7	30.40701
619760	242340	0.70083	29.7	30.40083
619760	242360	0.68811	29.7	30.38811
619760	242380	0.66948	29.7	30.36948
619760	242400	0.64602	29.7	30.34602
619760	242420	0.61913	29.7	30.31913
619760	242440	0.59019	29.7	30.29019
619760	242460	0.5604	29.7	30.2604
619760	242480	0.53081	29.7	30.23081
619760	242500	0.50216	29.7	30.20216
619760	242520	0.47501	29.7	30.17501
619760	242540	0.44967	29.7	30.14967
619760	242560	0.42628	29.7	30.12628
619760	242580	0.40478	29.7	30.10478
619760	242600	0.38512	29.7	30.08512
619780	241800	0.36696	29.7	30.06696
619780	241820	0.38262	29.7	30.08262
619780	241840	0.39907	29.7	30.09907
619780	241860	0.41632	29.7	30.11632
619780	241880	0.43427	29.7	30.13427
619780	241900	0.45291	29.7	30.15291
619780	241920	0.47207	29.7	30.17207
619780	241940	0.49143	29.7	30.19143
619780	241960	0.51071	29.7	30.21071
619780	241980	0.52948	29.7	30.22948
619780	242000	0.54712	29.7	30.24712
619780	242020	0.56299	29.7	30.26299
619780	242040	0.57634	29.7	30.27634
619780	242060	0.58664	29.7	30.28664
619780	242080	0.59363	29.7	30.29363
619780	242100	0.59746	29.7	30.29746
619780	242120	0.59893	29.7	30.29893
619780	242140	0.59937	29.7	30.29937
619780	242160	0.60038	29.7	30.30038
619780	242180	0.60344	29.7	30.30344
619780	242200	0.60949	29.7	30.30949
619780	242220	0.61847	29.7	30.31847
619780	242240	0.62943	29.7	30.32943
619780	242260	0.64082	29.7	30.34082
619780	242280	0.65071	29.7	30.35071
619780	242300	0.65718	29.7	30.35718
619780	242320	0.65895	29.7	30.35895
619780	242340	0.6553	29.7	30.3553
619780	242360	0.64607	29.7	30.34607
619780	242380	0.63156	29.7	30.33156
619780	242400	0.61244	29.7	30.31244
619780	242420	0.58983	29.7	30.28983
619780	242440	0.56482	29.7	30.26482
619780	242460	0.53855	29.7	30.23855
619780	242480	0.51193	29.7	30.21193
619780	242500	0.48572	29.7	30.18572
619780	242520	0.46048	29.7	30.16048
619780	242540	0.43661	29.7	30.13661
619780	242560	0.4143	29.7	30.1143
619780	242580	0.39365	29.7	30.09365
619780	242600	0.37465	29.7	30.07465
619800	241800	0.35351	29.7	30.05351
619800	241820	0.36802	29.7	30.06802
619800	241840	0.38325	29.7	30.08325
619800	241860	0.39909	29.7	30.09909
619800	241880	0.41554	29.7	30.11554
619800	241900	0.43254	29.7	30.13254
619800	241920	0.44985	29.7	30.14985
619800	241940	0.4672	29.7	30.1672

Grid reference		Contribution from boiler	Background concentration	Total concentration
619800	241960	0.48434	29.7	30.18434
619800	241980	0.5008	29.7	30.2008
619800	242000	0.51603	29.7	30.21603
619800	242020	0.52945	29.7	30.22945
619800	242040	0.54048	29.7	30.24048
619800	242060	0.54877	29.7	30.24877
619800	242080	0.55417	29.7	30.25417
619800	242100	0.55699	29.7	30.25699
619800	242120	0.55799	29.7	30.25799
619800	242140	0.55836	29.7	30.25836
619800	242160	0.5594	29.7	30.2594
619800	242180	0.56235	29.7	30.26235
619800	242200	0.5679	29.7	30.2679
619800	242220	0.57599	29.7	30.27599
619800	242240	0.58585	29.7	30.28585
619800	242260	0.59617	29.7	30.29617
619800	242280	0.60544	29.7	30.30544
619800	242300	0.61205	29.7	30.31205
619800	242320	0.61487	29.7	30.31487
619800	242340	0.61321	29.7	30.31321
619800	242360	0.60677	29.7	30.30677
619800	242380	0.59565	29.7	30.29565
619800	242400	0.5803	29.7	30.2803
619800	242420	0.56146	29.7	30.26146
619800	242440	0.54006	29.7	30.24006
619800	242460	0.51706	29.7	30.21706
619800	242480	0.49331	29.7	30.19331
619800	242500	0.46951	29.7	30.16951
619800	242520	0.44623	29.7	30.14623
619800	242540	0.42388	29.7	30.12388
619800	242560	0.40275	29.7	30.10275
619800	242580	0.38303	29.7	30.08303
619800	242600	0.36475	29.7	30.06475

Appendix G: **PM_{10} modelling results**

Grid reference		Contribution from boiler	Background concentration	Total concentration
619000	241800	0.12107	23	23.12107
619000	241820	0.12383	23	23.12383
619000	241840	0.12631	23	23.12631
619000	241860	0.12844	23	23.12844
619000	241880	0.13016	23	23.13016
619000	241900	0.13138	23	23.13138
619000	241920	0.13204	23	23.13204
619000	241940	0.13211	23	23.13211
619000	241960	0.13157	23	23.13157
619000	241980	0.13045	23	23.13045
619000	242000	0.12881	23	23.12881
619000	242020	0.12675	23	23.12675
619000	242040	0.12441	23	23.12441
619000	242060	0.12201	23	23.12201
619000	242080	0.11974	23	23.11974
619000	242100	0.11773	23	23.11773
619000	242120	0.116	23	23.116
619000	242140	0.11457	23	23.11457
619000	242160	0.11335	23	23.11335
619000	242180	0.11226	23	23.11226
619000	242200	0.11126	23	23.11126
619000	242220	0.11033	23	23.11033
619000	242240	0.1095	23	23.1095
619000	242260	0.10893	23	23.10893
619000	242280	0.10864	23	23.10864
619000	242300	0.10864	23	23.10864
619000	242320	0.10888	23	23.10888
619000	242340	0.10933	23	23.10933
619000	242360	0.10997	23	23.10997
619000	242380	0.11075	23	23.11075
619000	242400	0.11161	23	23.11161
619000	242420	0.11249	23	23.11249
619000	242440	0.11331	23	23.11331
619000	242460	0.11399	23	23.11399
619000	242480	0.11443	23	23.11443
619000	242500	0.11455	23	23.11455
619000	242520	0.11429	23	23.11429
619000	242540	0.1136	23	23.1136
619000	242560	0.1125	23	23.1125
619000	242580	0.111	23	23.111
619000	242600	0.10916	23	23.10916
619020	241800	0.12778	23	23.12778
619020	241820	0.13111	23	23.13111
619020	241840	0.13418	23	23.13418
619020	241860	0.1369	23	23.1369
619020	241880	0.13919	23	23.13919
619020	241900	0.14095	23	23.14095
619020	241920	0.14209	23	23.14209
619020	241940	0.14253	23	23.14253
619020	241960	0.14224	23	23.14224
619020	241980	0.14122	23	23.14122
619020	242000	0.13952	23	23.13952
619020	242020	0.13726	23	23.13726
619020	242040	0.13458	23	23.13458
619020	242060	0.13174	23	23.13174
619020	242080	0.129	23	23.129
619020	242100	0.12655	23	23.12655
619020	242120	0.12444	23	23.12444
619020	242140	0.12271	23	23.12271
619020	242160	0.12125	23	23.12125
619020	242180	0.11998	23	23.11998
619020	242200	0.11884	23	23.11884
619020	242220	0.1178	23	23.1178
619020	242240	0.1169	23	23.1169
619020	242260	0.11632	23	23.11632
619020	242280	0.11609	23	23.11609
619020	242300	0.11621	23	23.11621
619020	242320	0.11662	23	23.11662
619020	242340	0.11729	23	23.11729
619020	242360	0.11816	23	23.11816
619020	242380	0.11918	23	23.11918
619020	242400	0.12024	23	23.12024
619020	242420	0.12126	23	23.12126
619020	242440	0.12214	23	23.12214
619020	242460	0.12277	23	23.12277
619020	242480	0.12303	23	23.12303
619020	242500	0.12287	23	23.12287
619020	242520	0.12223	23	23.12223
619020	242540	0.12111	23	23.12111
619020	242560	0.1195	23	23.1195
619020	242580	0.11748	23	23.11748
619020	242600	0.11513	23	23.11513
619040	241800	0.13476	23	23.13476
619040	241820	0.13873	23	23.13873
619040	241840	0.14248	23	23.14248
619040	241860	0.1459	23	23.1459
619040	241880	0.14889	23	23.14889
619040	241900	0.15132	23	23.15132
619040	241920	0.15309	23	23.15309
619040	241940	0.15404	23	23.15404
619040	241960	0.15413	23	23.15413
619040	241980	0.15331	23	23.15331
619040	242000	0.15162	23	23.15162
619040	242020	0.14917	23	23.14917
619040	242040	0.14613	23	23.14613
619040	242060	0.14278	23	23.14278
619040	242080	0.13945	23	23.13945
619040	242100	0.13642	23	23.13642
619040	242120	0.13382	23	23.13382
619040	242140	0.13168	23	23.13168
619040	242160	0.12991	23	23.12991
619040	242180	0.12842	23	23.12842
619040	242200	0.12712	23	23.12712
619040	242220	0.12596	23	23.12596
619040	242240	0.12499	23	23.12499
619040	242260	0.12442	23	23.12442
619040	242280	0.12428	23	23.12428
619040	242300	0.12459	23	23.12459
619040	242320	0.12525	23	23.12525
619040	242340	0.12622	23	23.12622
619040	242360	0.12739	23	23.12739
619040	242380	0.12868	23	23.12868
619040	242400	0.12996	23	23.12996
619040	242420	0.1311	23	23.1311
619040	242440	0.13198	23	23.13198
619040	242460	0.13245	23	23.13245
619040	242480	0.13243	23	23.13243
619040	242500	0.13185	23	23.13185
619040	242520	0.13072	23	23.13072
619040	242540	0.12902	23	23.12902
619040	242560	0.12683	23	23.12683
619040	242580	0.12422	23	23.12422
619040	242600	0.12129	23	23.12129
619060	241800	0.14198	23	23.14198
619060	241820	0.14668	23	23.14668
619060	241840	0.15119	23	23.15119
619060	241860	0.15543	23	23.15543
619060	241880	0.15925	23	23.15925
619060	241900	0.1625	23	23.1625
619060	241920	0.16505	23	23.16505
619060	241940	0.16672	23	23.16672
619060	241960	0.16736	23	23.16736
619060	241980	0.1669	23	23.1669
619060	242000	0.16533	23	23.16533
619060	242020	0.16275	23	23.16275
619060	242040	0.15934	23	23.15934
619060	242060	0.15539	23	23.15539
619060	242080	0.15132	23	23.15132
619060	242100	0.14752	23	23.14752
619060	242120	0.14422	23	23.14422
619060	242140	0.14152	23	23.14152
619060	242160	0.13936	23	23.13936
619060	242180	0.13761	23	23.13761
619060	242200	0.1361	23	23.1361
619060	242220	0.1348	23	23.1348
619060	242240	0.13378	23	23.13378
619060	242260	0.13327	23	23.13327

Grid reference		Contribution from boiler	Background concentration	Total concentration
619060	242280	0.13331	23	23.13331
619060	242300	0.13388	23	23.13388
619060	242320	0.13488	23	23.13488
619060	242340	0.13625	23	23.13625
619060	242360	0.13782	23	23.13782
619060	242380	0.13943	23	23.13943
619060	242400	0.1409	23	23.1409
619060	242420	0.14211	23	23.14211
619060	242440	0.14288	23	23.14288
619060	242460	0.14308	23	23.14308
619060	242480	0.14263	23	23.14263
619060	242500	0.14151	23	23.14151
619060	242520	0.13971	23	23.13971
619060	242540	0.13732	23	23.13732
619060	242560	0.13444	23	23.13444
619060	242580	0.13118	23	23.13118
619060	242600	0.12762	23	23.12762
619080	241800	0.14943	23	23.14943
619080	241820	0.15492	23	23.15492
619080	241840	0.1603	23	23.1603
619080	241860	0.16546	23	23.16546
619080	241880	0.17024	23	23.17024
619080	241900	0.17449	23	23.17449
619080	241920	0.17801	23	23.17801
619080	241940	0.18059	23	23.18059
619080	241960	0.18203	23	23.18203
619080	241980	0.18215	23	23.18215
619080	242000	0.18089	23	23.18089
619080	242020	0.17828	23	23.17828
619080	242040	0.17451	23	23.17451
619080	242060	0.16988	23	23.16988
619080	242080	0.16487	23	23.16487
619080	242100	0.16004	23	23.16004
619080	242120	0.15582	23	23.15582
619080	242140	0.15238	23	23.15238
619080	242160	0.14969	23	23.14969
619080	242180	0.14757	23	23.14757
619080	242200	0.14584	23	23.14584
619080	242220	0.14442	23	23.14442
619080	242240	0.14337	23	23.14337
619080	242260	0.14295	23	23.14295
619080	242280	0.14325	23	23.14325
619080	242300	0.14419	23	23.14419
619080	242320	0.14568	23	23.14568
619080	242340	0.14756	23	23.14756
619080	242360	0.14962	23	23.14962
619080	242380	0.15159	23	23.15159
619080	242400	0.15324	23	23.15324
619080	242420	0.15441	23	23.15441
619080	242440	0.15493	23	23.15493
619080	242460	0.15469	23	23.15469
619080	242480	0.15364	23	23.15364
619080	242500	0.15177	23	23.15177
619080	242520	0.14918	23	23.14918
619080	242540	0.14599	23	23.14599
619080	242560	0.14232	23	23.14232
619080	242580	0.13832	23	23.13832
619080	242600	0.1341	23	23.1341
619100	241800	0.15707	23	23.15707
619100	241820	0.16342	23	23.16342
619100	241840	0.16975	23	23.16975
619100	241860	0.17595	23	23.17595
619100	241880	0.18185	23	23.18185
619100	241900	0.18727	23	23.18727
619100	241920	0.19197	23	23.19197
619100	241940	0.1957	23	23.1957
619100	241960	0.1982	23	23.1982
619100	241980	0.1992	23	23.1992
619100	242000	0.19849	23	23.19849
619100	242020	0.19602	23	23.19602
619100	242040	0.19193	23	23.19193
619100	242060	0.18652	23	23.18652
619100	242080	0.18033	23	23.18033
619100	242100	0.17418	23	23.17418
619100	242120	0.16874	23	23.16874
619100	242140	0.16431	23	23.16431
619100	242160	0.16092	23	23.16092
619100	242180	0.15834	23	23.15834
619100	242200	0.15631	23	23.15631
619100	242220	0.15472	23	23.15472
619100	242240	0.1537	23	23.1537
619100	242260	0.15355	23	23.15355
619100	242280	0.15426	23	23.15426
619100	242300	0.15569	23	23.15569
619100	242320	0.1578	23	23.1578
619100	242340	0.16033	23	23.16033
619100	242360	0.16295	23	23.16295
619100	242380	0.16532	23	23.16532
619100	242400	0.1671	23	23.1671
619100	242420	0.16809	23	23.16809
619100	242440	0.16817	23	23.16817
619100	242460	0.16727	23	23.16727
619100	242480	0.16539	23	23.16539
619100	242500	0.16261	23	23.16261
619100	242520	0.15908	23	23.15908
619100	242540	0.15496	23	23.15496
619100	242560	0.15043	23	23.15043
619100	242580	0.14563	23	23.14563
619100	242600	0.14071	23	23.14071
619120	241800	0.16484	23	23.16484
619120	241820	0.17212	23	23.17212
619120	241840	0.17949	23	23.17949
619120	241860	0.18684	23	23.18684
619120	241880	0.19401	23	23.19401
619120	241900	0.20077	23	23.20077
619120	241920	0.20689	23	23.20689
619120	241940	0.21205	23	23.21205
619120	241960	0.21592	23	23.21592
619120	241980	0.21813	23	23.21813
619120	242000	0.21829	23	23.21829
619120	242020	0.21619	23	23.21619
619120	242040	0.21183	23	23.21183
619120	242060	0.20557	23	23.20557
619120	242080	0.19806	23	23.19806
619120	242100	0.1903	23	23.1903
619120	242120	0.18328	23	23.18328
619120	242140	0.17751	23	23.17751
619120	242160	0.17314	23	23.17314
619120	242180	0.16992	23	23.16992
619120	242200	0.16752	23	23.16752
619120	242220	0.16581	23	23.16581
619120	242240	0.1649	23	23.1649
619120	242260	0.16508	23	23.16508
619120	242280	0.16637	23	23.16637
619120	242300	0.16857	23	23.16857
619120	242320	0.17145	23	23.17145
619120	242340	0.1747	23	23.1747
619120	242360	0.17793	23	23.17793
619120	242380	0.18067	23	23.18067
619120	242400	0.18253	23	23.18253
619120	242420	0.18318	23	23.18318
619120	242440	0.18261	23	23.18261
619120	242460	0.18079	23	23.18079
619120	242480	0.17783	23	23.17783
619120	242500	0.17395	23	23.17395
619120	242520	0.16934	23	23.16934
619120	242540	0.1642	23	23.1642
619120	242560	0.15874	23	23.15874
619120	242580	0.15312	23	23.15312
619120	242600	0.14746	23	23.14746
619140	241800	0.17264	23	23.17264
619140	241820	0.18093	23	23.18093
619140	241840	0.18944	23	23.18944
619140	241860	0.19805	23	23.19805
619140	241880	0.20661	23	23.20661
619140	241900	0.21493	23	23.21493
619140	241920	0.22271	23	23.22271
619140	241940	0.22959	23	23.22959
619140	241960	0.23519	23	23.23519
619140	241980	0.23896	23	23.23896
619140	242000	0.24035	23	23.24035
619140	242020	0.23897	23	23.23897
619140	242040	0.2346	23	23.2346

Grid reference		Contribution from boiler	Background concentration	Total concentration
619140	242060	0.22761	23	23.22761
619140	242080	0.21873	23	23.21873
619140	242100	0.20904	23	23.20904
619140	242120	0.19991	23	23.19991
619140	242140	0.19227	23	23.19227
619140	242160	0.18651	23	23.18651
619140	242180	0.18242	23	23.18242
619140	242200	0.17958	23	23.17958
619140	242220	0.17776	23	23.17776
619140	242240	0.17709	23	23.17709
619140	242260	0.17781	23	23.17781
619140	242280	0.17985	23	23.17985
619140	242300	0.18293	23	23.18293
619140	242320	0.18673	23	23.18673
619140	242340	0.19084	23	23.19084
619140	242360	0.1947	23	23.1947
619140	242380	0.19775	23	23.19775
619140	242400	0.19947	23	23.19947
619140	242420	0.19965	23	23.19965
619140	242440	0.19812	23	23.19812
619140	242460	0.19511	23	23.19511
619140	242480	0.1909	23	23.1909
619140	242500	0.18573	23	23.18573
619140	242520	0.17991	23	23.17991
619140	242540	0.17369	23	23.17369
619140	242560	0.16726	23	23.16726
619140	242580	0.16078	23	23.16078
619140	242600	0.1544	23	23.1544
619160	241800	0.18034	23	23.18034
619160	241820	0.18973	23	23.18973
619160	241840	0.19946	23	23.19946
619160	241860	0.20945	23	23.20945
619160	241880	0.21957	23	23.21957
619160	241900	0.22961	23	23.22961
619160	241920	0.2393	23	23.2393
619160	241940	0.24824	23	23.24824
619160	241960	0.25586	23	23.25586
619160	241980	0.26158	23	23.26158
619160	242000	0.26474	23	23.26474
619160	242020	0.26463	23	23.26463
619160	242040	0.26084	23	23.26084
619160	242060	0.25345	23	23.25345
619160	242080	0.24315	23	23.24315
619160	242100	0.2311	23	23.2311
619160	242120	0.2191	23	23.2191
619160	242140	0.20886	23	23.20886
619160	242160	0.20104	23	23.20104
619160	242180	0.19566	23	23.19566
619160	242200	0.19229	23	23.19229
619160	242220	0.19048	23	23.19048
619160	242240	0.19023	23	23.19023
619160	242260	0.19178	23	23.19178
619160	242280	0.19489	23	23.19489
619160	242300	0.19918	23	23.19918
619160	242320	0.20409	23	23.20409
619160	242340	0.209	23	23.209
619160	242360	0.21336	23	23.21336
619160	242380	0.21656	23	23.21656
619160	242400	0.21795	23	23.21795
619160	242420	0.21726	23	23.21726
619160	242440	0.21459	23	23.21459
619160	242460	0.21016	23	23.21016
619160	242480	0.20447	23	23.20447
619160	242500	0.19789	23	23.19789
619160	242520	0.1908	23	23.1908
619160	242540	0.18343	23	23.18343
619160	242560	0.17601	23	23.17601
619160	242580	0.16869	23	23.16869
619160	242600	0.16157	23	23.16157
619180	241800	0.18779	23	23.18779
619180	241820	0.19833	23	23.19833
619180	241840	0.20938	23	23.20938
619180	241860	0.22087	23	23.22087
619180	241880	0.23269	23	23.23269
619180	241900	0.24465	23	23.24465
619180	241920	0.25644	23	23.25644
619180	241940	0.26769	23	23.26769
619180	241960	0.27774	23	23.27774
619180	241980	0.28596	23	23.28596
619180	242000	0.29149	23	23.29149
619180	242020	0.29343	23	23.29343
619180	242040	0.29098	23	23.29098
619180	242060	0.2837	23	23.2837
619180	242080	0.27193	23	23.27193
619180	242100	0.25706	23	23.25706
619180	242120	0.24122	23	23.24122
619180	242140	0.22698	23	23.22698
619180	242160	0.21607	23	23.21607
619180	242180	0.2089	23	23.2089
619180	242200	0.20474	23	23.20474
619180	242220	0.20303	23	23.20303
619180	242240	0.20372	23	23.20372
619180	242260	0.20668	23	23.20668
619180	242280	0.21147	23	23.21147
619180	242300	0.21748	23	23.21748
619180	242320	0.22385	23	23.22385
619180	242340	0.22968	23	23.22968
619180	242360	0.23432	23	23.23432
619180	242380	0.23717	23	23.23717
619180	242400	0.2378	23	23.2378
619180	242420	0.23591	23	23.23591
619180	242440	0.23177	23	23.23177
619180	242460	0.22581	23	23.22581
619180	242480	0.2185	23	23.2185
619180	242500	0.21043	23	23.21043
619180	242520	0.20198	23	23.20198
619180	242540	0.19347	23	23.19347
619180	242560	0.18507	23	23.18507
619180	242580	0.17691	23	23.17691
619180	242600	0.16905	23	23.16905
619200	241800	0.19482	23	23.19482
619200	241820	0.20654	23	23.20654
619200	241840	0.21897	23	23.21897
619200	241860	0.23205	23	23.23205
619200	241880	0.24572	23	23.24572
619200	241900	0.25972	23	23.25972
619200	241920	0.27386	23	23.27386
619200	241940	0.28765	23	23.28765
619200	241960	0.30059	23	23.30059
619200	241980	0.31189	23	23.31189
619200	242000	0.32054	23	23.32054
619200	242020	0.32542	23	23.32542
619200	242040	0.32519	23	23.32519
619200	242060	0.31864	23	23.31864
619200	242080	0.30555	23	23.30555
619200	242100	0.28717	23	23.28717
619200	242120	0.26605	23	23.26605
619200	242140	0.24611	23	23.24611
619200	242160	0.2306	23	23.2306
619200	242180	0.22063	23	23.22063
619200	242200	0.21554	23	23.21554
619200	242220	0.2142	23	23.2142
619200	242240	0.21625	23	23.21625
619200	242260	0.2215	23	23.2215
619200	242280	0.22908	23	23.22908
619200	242300	0.23776	23	23.23776
619200	242320	0.2461	23	23.2461
619200	242340	0.25309	23	23.25309
619200	242360	0.25779	23	23.25779
619200	242380	0.2598	23	23.2598
619200	242400	0.25893	23	23.25893
619200	242420	0.25542	23	23.25542
619200	242440	0.24953	23	23.24953
619200	242460	0.24184	23	23.24184
619200	242480	0.23294	23	23.23294
619200	242500	0.22334	23	23.22334
619200	242520	0.21357	23	23.21357
619200	242540	0.2039	23	23.2039
619200	242560	0.1945	23	23.1945
619200	242580	0.18549	23	23.18549
619200	242600	0.17688	23	23.17688
619220	241800	0.20127	23	23.20127
619220	241820	0.21416	23	23.21416

Grid reference		Contribution from boiler	Background concentration	Total concentration
619220	241840	0.22797	23	23.22797
619220	241860	0.2427	23	23.2427
619220	241880	0.25826	23	23.25826
619220	241900	0.27446	23	23.27446
619220	241920	0.29111	23	23.29111
619220	241940	0.30778	23	23.30778
619220	241960	0.324	23	23.324
619220	241980	0.33899	23	23.33899
619220	242000	0.35163	23	23.35163
619220	242020	0.36036	23	23.36036
619220	242040	0.36333	23	23.36333
619220	242060	0.35844	23	23.35844
619220	242080	0.34449	23	23.34449
619220	242100	0.32218	23	23.32218
619220	242120	0.29469	23	23.29469
619220	242140	0.26704	23	23.26704
619220	242160	0.24467	23	23.24467
619220	242180	0.23033	23	23.23033
619220	242200	0.22367	23	23.22367
619220	242220	0.22305	23	23.22305
619220	242240	0.22747	23	23.22747
619220	242260	0.23605	23	23.23605
619220	242280	0.24749	23	23.24749
619220	242300	0.25974	23	23.25974
619220	242320	0.2708	23	23.2708
619220	242340	0.27907	23	23.27907
619220	242360	0.28366	23	23.28366
619220	242380	0.28425	23	23.28425
619220	242400	0.28136	23	23.28136
619220	242420	0.27567	23	23.27567
619220	242440	0.26782	23	23.26782
619220	242460	0.2583	23	23.2583
619220	242480	0.24774	23	23.24774
619220	242500	0.23674	23	23.23674
619220	242520	0.22565	23	23.22565
619220	242540	0.21482	23	23.21482
619220	242560	0.20439	23	23.20439
619220	242580	0.19446	23	23.19446
619220	242600	0.18505	23	23.18505
619240	241800	0.20697	23	23.20697
619240	241820	0.22096	23	23.22096
619240	241840	0.23611	23	23.23611
619240	241860	0.25247	23	23.25247
619240	241880	0.26991	23	23.26991
619240	241900	0.28834	23	23.28834
619240	241920	0.30761	23	23.30761
619240	241940	0.32744	23	23.32744
619240	241960	0.34736	23	23.34736
619240	241980	0.36663	23	23.36663
619240	242000	0.38399	23	23.38399
619240	242020	0.39765	23	23.39765
619240	242040	0.40485	23	23.40485
619240	242060	0.40256	23	23.40256
619240	242080	0.38873	23	23.38873
619240	242100	0.36287	23	23.36287
619240	242120	0.32762	23	23.32762
619240	242140	0.28888	23	23.28888
619240	242160	0.25549	23	23.25549
619240	242180	0.23418	23	23.23418
619240	242200	0.22559	23	23.22559
619240	242220	0.22669	23	23.22669
619240	242240	0.23529	23	23.23529
619240	242260	0.24938	23	23.24938
619240	242280	0.26646	23	23.26646
619240	242300	0.28337	23	23.28337
619240	242320	0.2973	23	23.2973
619240	242340	0.30684	23	23.30684
619240	242360	0.31111	23	23.31111
619240	242380	0.31014	23	23.31014
619240	242400	0.30487	23	23.30487
619240	242420	0.29673	23	23.29673
619240	242440	0.28667	23	23.28667
619240	242460	0.27536	23	23.27536
619240	242480	0.26311	23	23.26311
619240	242500	0.25064	23	23.25064
619240	242520	0.23828	23	23.23828
619240	242540	0.22625	23	23.22625
619240	242560	0.21472	23	23.21472
619240	242580	0.20381	23	23.20381
619240	242600	0.19354	23	23.19354
619260	241800	0.21181	23	23.21181
619260	241820	0.22678	23	23.22678
619260	241840	0.24315	23	23.24315
619260	241860	0.26099	23	23.26099
619260	241880	0.28019	23	23.28019
619260	241900	0.30079	23	23.30079
619260	241920	0.32274	23	23.32274
619260	241940	0.34584	23	23.34584
619260	241960	0.36975	23	23.36975
619260	241980	0.39374	23	23.39374
619260	242000	0.41648	23	23.41648
619260	242020	0.43579	23	23.43579
619260	242040	0.4481	23	23.4481
619260	242060	0.44998	23	23.44998
619260	242080	0.43776	23	23.43776
619260	242100	0.40828	23	23.40828
619260	242120	0.36148	23	23.36148
619260	242140	0.3062	23	23.3062
619260	242160	0.25688	23	23.25688
619260	242180	0.22544	23	23.22544
619260	242200	0.21395	23	23.21395
619260	242220	0.21804	23	23.21804
619260	242240	0.23335	23	23.23335
619260	242260	0.25659	23	23.25659
619260	242280	0.28287	23	23.28287
619260	242300	0.30726	23	23.30726
619260	242320	0.32524	23	23.32524
619260	242340	0.33566	23	23.33566
619260	242360	0.3392	23	23.3392
619260	242380	0.33668	23	23.33668
619260	242400	0.32927	23	23.32927
619260	242420	0.31868	23	23.31868
619260	242440	0.30632	23	23.30632
619260	242460	0.29311	23	23.29311
619260	242480	0.27927	23	23.27927
619260	242500	0.26517	23	23.26517
619260	242520	0.25143	23	23.25143
619260	242540	0.23815	23	23.23815
619260	242560	0.22545	23	23.22545
619260	242580	0.21347	23	23.21347
619260	242600	0.20223	23	23.20223
619280	241800	0.21568	23	23.21568
619280	241820	0.2315	23	23.2315
619280	241840	0.2489	23	23.2489
619280	241860	0.26799	23	23.26799
619280	241880	0.28871	23	23.28871
619280	241900	0.31128	23	23.31128
619280	241920	0.33572	23	23.33572
619280	241940	0.36202	23	23.36202
619280	241960	0.38991	23	23.38991
619280	241980	0.41872	23	23.41872
619280	242000	0.44709	23	23.44709
619280	242020	0.47235	23	23.47235
619280	242040	0.49104	23	23.49104
619280	242060	0.49866	23	23.49866
619280	242080	0.48836	23	23.48836
619280	242100	0.45318	23	23.45318
619280	242120	0.39183	23	23.39183
619280	242140	0.31105	23	23.31105
619280	242160	0.23658	23	23.23658
619280	242180	0.18964	23	23.18964
619280	242200	0.176	23	23.176
619280	242220	0.18555	23	23.18555
619280	242240	0.21126	23	23.21126
619280	242260	0.24983	23	23.24983
619280	242280	0.29227	23	23.29227
619280	242300	0.32756	23	23.32756
619280	242320	0.35207	23	23.35207
619280	242340	0.36453	23	23.36453
619280	242360	0.36748	23	23.36748
619280	242380	0.36363	23	23.36363
619280	242400	0.35452	23	23.35452
619280	242420	0.34177	23	23.34177

Grid reference		Contribution from boiler	Background concentration	Total concentration
619280	242440	0.32708	23	23.32708
619280	242460	0.3117	23	23.3117
619280	242480	0.29609	23	23.29609
619280	242500	0.28038	23	23.28038
619280	242520	0.26506	23	23.26506
619280	242540	0.25041	23	23.25041
619280	242560	0.23641	23	23.23641
619280	242580	0.22327	23	23.22327
619280	242600	0.21099	23	23.21099
619300	241800	0.21852	23	23.21852
619300	241820	0.23498	23	23.23498
619300	241840	0.25319	23	23.25319
619300	241860	0.27321	23	23.27321
619300	241880	0.2952	23	23.2952
619300	241900	0.31938	23	23.31938
619300	241920	0.34593	23	23.34593
619300	241940	0.37497	23	23.37497
619300	241960	0.40636	23	23.40636
619300	241980	0.4396	23	23.4396
619300	242000	0.47317	23	23.47317
619300	242020	0.50445	23	23.50445
619300	242040	0.53012	23	23.53012
619300	242060	0.54336	23	23.54336
619300	242080	0.53446	23	23.53446
619300	242100	0.49183	23	23.49183
619300	242120	0.40414	23	23.40414
619300	242140	0.29	23	23.29
619300	242160	0.1884	23	23.1884
619300	242180	0.12823	23	23.12823
619300	242200	0.11168	23	23.11168
619300	242220	0.12637	23	23.12637
619300	242240	0.16351	23	23.16351
619300	242260	0.22006	23	23.22006
619300	242280	0.28388	23	23.28388
619300	242300	0.33893	23	23.33893
619300	242320	0.37433	23	23.37433
619300	242340	0.39172	23	23.39172
619300	242360	0.39575	23	23.39575
619300	242380	0.39129	23	23.39129
619300	242400	0.38082	23	23.38082
619300	242420	0.36605	23	23.36605
619300	242440	0.34898	23	23.34898
619300	242460	0.33123	23	23.33123
619300	242480	0.3135	23	23.3135
619300	242500	0.29601	23	23.29601
619300	242520	0.27901	23	23.27901
619300	242540	0.26281	23	23.26281
619300	242560	0.2474	23	23.2474
619300	242580	0.23297	23	23.23297
619300	242600	0.21957	23	23.21957
619320	241800	0.22027	23	23.22027
619320	241820	0.23715	23	23.23715
619320	241840	0.25586	23	23.25586
619320	241860	0.27652	23	23.27652
619320	241880	0.29937	23	23.29937
619320	241900	0.3247	23	23.3247
619320	241920	0.35279	23	23.35279
619320	241940	0.38385	23	23.38385
619320	241960	0.41787	23	23.41787
619320	241980	0.45435	23	23.45435
619320	242000	0.49189	23	23.49189
619320	242020	0.52834	23	23.52834
619320	242040	0.55979	23	23.55979
619320	242060	0.5768	23	23.5768
619320	242080	0.56723	23	23.56723
619320	242100	0.50705	23	23.50705
619320	242120	0.38792	23	23.38792
619320	242140	0.238	23	23.238
619320	242160	0.11884	23	23.11884
619320	242180	0.06101	23	23.06101
619320	242200	0.04623	23	23.04623
619320	242220	0.06001	23	23.06001
619320	242240	0.09993	23	23.09993
619320	242260	0.17018	23	23.17018
619320	242280	0.25341	23	23.25341
619320	242300	0.33155	23	23.33155
619320	242320	0.38856	23	23.38856
619320	242340	0.41636	23	23.41636
619320	242360	0.42448	23	23.42448
619320	242380	0.42007	23	23.42007
619320	242400	0.40849	23	23.40849
619320	242420	0.39155	23	23.39155
619320	242440	0.3719	23	23.3719
619320	242460	0.3515	23	23.3515
619320	242480	0.3313	23	23.3313
619320	242500	0.3117	23	23.3117
619320	242520	0.29283	23	23.29283
619320	242540	0.27497	23	23.27497
619320	242560	0.25804	23	23.25804
619320	242580	0.24228	23	23.24228
619320	242600	0.22773	23	23.22773
619340	241800	0.22098	23	23.22098
619340	241820	0.23805	23	23.23805
619340	241840	0.25697	23	23.25697
619340	241860	0.27789	23	23.27789
619340	241880	0.30115	23	23.30115
619340	241900	0.32703	23	23.32703
619340	241920	0.35592	23	23.35592
619340	241940	0.38805	23	23.38805
619340	241960	0.42344	23	23.42344
619340	241980	0.46162	23	23.46162
619340	242000	0.50119	23	23.50119
619340	242020	0.54038	23	23.54038
619340	242040	0.57393	23	23.57393
619340	242060	0.59065	23	23.59065
619340	242080	0.5711	23	23.5711
619340	242100	0.48482	23	23.48482
619340	242120	0.33424	23	23.33424
619340	242140	0.16282	23	23.16282
619340	242160	0.05221	23	23.05221
619340	242180	0.0153	23	23.0153
619340	242200	0.00809	23	23.00809
619340	242220	0.01512	23	23.01512
619340	242240	0.0436	23	23.0436
619340	242260	0.10815	23	23.10815
619340	242280	0.20273	23	23.20273
619340	242300	0.30498	23	23.30498
619340	242320	0.3921	23	23.3921
619340	242340	0.43974	23	23.43974
619340	242360	0.45471	23	23.45471
619340	242380	0.45093	23	23.45093
619340	242400	0.43744	23	23.43744
619340	242420	0.418	23	23.418
619340	242440	0.39533	23	23.39533
619340	242460	0.37181	23	23.37181
619340	242480	0.34881	23	23.34881
619340	242500	0.32682	23	23.32682
619340	242520	0.30597	23	23.30597
619340	242540	0.2864	23	23.2864
619340	242560	0.26795	23	23.26795
619340	242580	0.25087	23	23.25087
619340	242600	0.23519	23	23.23519
619360	241800	0.22077	23	23.22077
619360	241820	0.2378	23	23.2378
619360	241840	0.25666	23	23.25666
619360	241860	0.27752	23	23.27752
619360	241880	0.30073	23	23.30073
619360	241900	0.32658	23	23.32658
619360	241920	0.35546	23	23.35546
619360	241940	0.3876	23	23.3876
619360	241960	0.42295	23	23.42295
619360	241980	0.46087	23	23.46087
619360	242000	0.50007	23	23.50007
619360	242020	0.53853	23	23.53853
619360	242040	0.56909	23	23.56909
619360	242060	0.57868	23	23.57868
619360	242080	0.53659	23	23.53659
619360	242100	0.42058	23	23.42058
619360	242120	0.24501	23	23.24501
619360	242140	0.08621	23	23.08621
619360	242160	0.0139	23	23.0139
619360	242180	0.00212	23	23.00212
619360	242200	0.00045	23	23.00045

Grid reference		Contribution from boiler	Background concentration	Total concentration
619360	242220	0.00231	23	23.00231
619360	242240	0.01279	23	23.01279
619360	242260	0.05395	23	23.05395
619360	242280	0.14699	23	23.14699
619360	242300	0.27709	23	23.27709
619360	242320	0.39572	23	23.39572
619360	242340	0.46637	23	23.46637
619360	242360	0.4879	23	23.4879
619360	242380	0.48384	23	23.48384
619360	242400	0.46693	23	23.46693
619360	242420	0.44396	23	23.44396
619360	242440	0.4178	23	23.4178
619360	242460	0.39092	23	23.39092
619360	242480	0.365	23	23.365
619360	242500	0.34055	23	23.34055
619360	242520	0.31772	23	23.31772
619360	242540	0.29649	23	23.29649
619360	242560	0.27664	23	23.27664
619360	242580	0.25834	23	23.25834
619360	242600	0.24163	23	23.24163
619380	241800	0.21971	23	23.21971
619380	241820	0.23653	23	23.23653
619380	241840	0.25515	23	23.25515
619380	241860	0.27567	23	23.27567
619380	241880	0.29847	23	23.29847
619380	241900	0.32384	23	23.32384
619380	241920	0.35209	23	23.35209
619380	241940	0.38337	23	23.38337
619380	241960	0.41756	23	23.41756
619380	241980	0.45361	23	23.45361
619380	242000	0.49019	23	23.49019
619380	242020	0.52463	23	23.52463
619380	242040	0.54804	23	23.54804
619380	242060	0.54426	23	23.54426
619380	242080	0.477	23	23.477
619380	242100	0.33586	23	23.33586
619380	242120	0.15889	23	23.15889
619380	242140	0.03595	23	23.03595
619380	242160	0.00353	23	23.00353
619380	242180	0.00036	23	23.00036
619380	242200	0	23	23
619380	242220	0.00068	23	23.00068
619380	242240	0.00401	23	23.00401
619380	242260	0.0267	23	23.0267
619380	242280	0.11748	23	23.11748
619380	242300	0.27035	23	23.27035
619380	242320	0.41501	23	23.41501
619380	242340	0.4993	23	23.4993
619380	242360	0.523	23	23.523
619380	242380	0.51581	23	23.51581

Grid reference		Contribution from boiler	Background concentration	Total concentration
619380	242400	0.49417	23	23.49417
619380	242420	0.467	23	23.467
619380	242440	0.4372	23	23.4372
619380	242460	0.4071	23	23.4071
619380	242480	0.37849	23	23.37849
619380	242500	0.35185	23	23.35185
619380	242520	0.32728	23	23.32728
619380	242540	0.30465	23	23.30465
619380	242560	0.28364	23	23.28364
619380	242580	0.26434	23	23.26434
619380	242600	0.24679	23	23.24679
619400	241800	0.218	23	23.218
619400	241820	0.23449	23	23.23449
619400	241840	0.2527	23	23.2527
619400	241860	0.27271	23	23.27271
619400	241880	0.29487	23	23.29487
619400	241900	0.31946	23	23.31946
619400	241920	0.34669	23	23.34669
619400	241940	0.37665	23	23.37665
619400	241960	0.409	23	23.409
619400	241980	0.44253	23	23.44253
619400	242000	0.47556	23	23.47556
619400	242020	0.50505	23	23.50505
619400	242040	0.52136	23	23.52136
619400	242060	0.50585	23	23.50585
619400	242080	0.42332	23	23.42332
619400	242100	0.27664	23	23.27664
619400	242120	0.11506	23	23.11506
619400	242140	0.02037	23	23.02037
619400	242160	0.00166	23	23.00166
619400	242180	0.00001	23	23.00001
619400	242200	0	23	23
619400	242220	0.00005	23	23.00005
619400	242240	0.00252	23	23.00252
619400	242260	0.02281	23	23.02281
619400	242280	0.12082	23	23.12082
619400	242300	0.291	23	23.291
619400	242320	0.44752	23	23.44752
619400	242340	0.53416	23	23.53416
619400	242360	0.55343	23	23.55343
619400	242380	0.54125	23	23.54125
619400	242400	0.51476	23	23.51476
619400	242420	0.48392	23	23.48392
619400	242440	0.45111	23	23.45111
619400	242460	0.41861	23	23.41861
619400	242480	0.38802	23	23.38802
619400	242500	0.35984	23	23.35984
619400	242520	0.33404	23	23.33404
619400	242540	0.31042	23	23.31042
619400	242560	0.28861	23	23.28861

Grid reference		Contribution from boiler	Background concentration	Total concentration
619400	242580	0.26862	23	23.26862
619400	242600	0.25049	23	23.25049
619420	241800	0.21581	23	23.21581
619420	241820	0.23191	23	23.23191
619420	241840	0.24964	23	23.24964
619420	241860	0.26907	23	23.26907
619420	241880	0.29054	23	23.29054
619420	241900	0.31427	23	23.31427
619420	241920	0.34041	23	23.34041
619420	241940	0.36901	23	23.36901
619420	241960	0.39966	23	23.39966
619420	241980	0.43109	23	23.43109
619420	242000	0.4614	23	23.4614
619420	242020	0.48779	23	23.48779
619420	242040	0.50139	23	23.50139
619420	242060	0.48515	23	23.48515
619420	242080	0.4075	23	23.4075
619420	242100	0.27225	23	23.27225
619420	242120	0.12297	23	23.12297
619420	242140	0.02718	23	23.02718
619420	242160	0.00269	23	23.00269
619420	242180	0.00051	23	23.00051
619420	242200	0.00032	23	23.00032
619420	242220	0.00039	23	23.00039
619420	242240	0.00375	23	23.00375
619420	242260	0.03544	23	23.03544
619420	242280	0.15305	23	23.15305
619420	242300	0.33097	23	23.33097
619420	242320	0.48198	23	23.48198
619420	242340	0.55977	23	23.55977
619420	242360	0.57143	23	23.57143
619420	242380	0.55463	23	23.55463
619420	242400	0.52523	23	23.52523
619420	242420	0.4923	23	23.4923
619420	242440	0.45798	23	23.45798
619420	242460	0.42432	23	23.42432
619420	242480	0.39286	23	23.39286
619420	242500	0.36401	23	23.36401
619420	242520	0.33764	23	23.33764
619420	242540	0.31354	23	23.31354
619420	242560	0.29138	23	23.29138
619420	242580	0.27105	23	23.27105
619420	242600	0.25262	23	23.25262
619440	241800	0.21331	23	23.21331
619440	241820	0.22901	23	23.22901
619440	241840	0.24626	23	23.24626
619440	241860	0.26515	23	23.26515
619440	241880	0.28597	23	23.28597
619440	241900	0.30892	23	23.30892
619440	241920	0.33415	23	23.33415

Grid reference		Contribution from boiler	Background concentration	Total concentration
619440	241940	0.36171	23	23.36171
619440	241960	0.39125	23	23.39125
619440	241980	0.4217	23	23.4217
619440	242000	0.45124	23	23.45124
619440	242020	0.47782	23	23.47782
619440	242040	0.49488	23	23.49488
619440	242060	0.49035	23	23.49035
619440	242080	0.43782	23	23.43782
619440	242100	0.33222	23	23.33222
619440	242120	0.19519	23	23.19519
619440	242140	0.0753	23	23.0753
619440	242160	0.0162	23	23.0162
619440	242180	0.00493	23	23.00493
619440	242200	0.00415	23	23.00415
619440	242220	0.00525	23	23.00525
619440	242240	0.0188	23	23.0188
619440	242260	0.08667	23	23.08667
619440	242280	0.22533	23	23.22533
619440	242300	0.38853	23	23.38853
619440	242320	0.51197	23	23.51197
619440	242340	0.56972	23	23.56972
619440	242360	0.57347	23	23.57347
619440	242380	0.55386	23	23.55386
619440	242400	0.5241	23	23.5241
619440	242420	0.49114	23	23.49114
619440	242440	0.45713	23	23.45713
619440	242460	0.42381	23	23.42381
619440	242480	0.39268	23	23.39268
619440	242500	0.3641	23	23.3641
619440	242520	0.33789	23	23.33789
619440	242540	0.31392	23	23.31392
619440	242560	0.29183	23	23.29183
619440	242580	0.27155	23	23.27155
619440	242600	0.25312	23	23.25312
619460	241800	0.21062	23	23.21062
619460	241820	0.22595	23	23.22595
619460	241840	0.2428	23	23.2428
619460	241860	0.26124	23	23.26124
619460	241880	0.28151	23	23.28151
619460	241900	0.30387	23	23.30387
619460	241920	0.32844	23	23.32844
619460	241940	0.35538	23	23.35538
619460	241960	0.38451	23	23.38451
619460	241980	0.41503	23	23.41503
619460	242000	0.4456	23	23.4456
619460	242020	0.4748	23	23.4748
619460	242040	0.49901	23	23.49901
619460	242060	0.51061	23	23.51061
619460	242080	0.49306	23	23.49306
619460	242100	0.42876	23	23.42876
619460	242120	0.32006	23	23.32006
619460	242140	0.18896	23	23.18896
619460	242160	0.08423	23	23.08423
619460	242180	0.0366	23	23.0366
619460	242200	0.02791	23	23.02791
619460	242220	0.04452	23	23.04452
619460	242240	0.10155	23	23.10155
619460	242260	0.20708	23	23.20708
619460	242280	0.34079	23	23.34079
619460	242300	0.4597	23	23.4597
619460	242320	0.53948	23	23.53948
619460	242340	0.56847	23	23.56847
619460	242360	0.56345	23	23.56345
619460	242380	0.54185	23	23.54185
619460	242400	0.51314	23	23.51314
619460	242420	0.48175	23	23.48175
619460	242440	0.44939	23	23.44939
619460	242460	0.41768	23	23.41768
619460	242480	0.38795	23	23.38795
619460	242500	0.36047	23	23.36047
619460	242520	0.33504	23	23.33504
619460	242540	0.3117	23	23.3117
619460	242560	0.2901	23	23.2901
619460	242580	0.27018	23	23.27018
619460	242600	0.25204	23	23.25204
619480	241800	0.20787	23	23.20787
619480	241820	0.22287	23	23.22287
619480	241840	0.23938	23	23.23938
619480	241860	0.25749	23	23.25749
619480	241880	0.27735	23	23.27735
619480	241900	0.29926	23	23.29926
619480	241920	0.32338	23	23.32338
619480	241940	0.34993	23	23.34993
619480	241960	0.37896	23	23.37896
619480	241980	0.40996	23	23.40996
619480	242000	0.44212	23	23.44212
619480	242020	0.47408	23	23.47408
619480	242040	0.50475	23	23.50475
619480	242060	0.52881	23	23.52881
619480	242080	0.53849	23	23.53849
619480	242100	0.51502	23	23.51502
619480	242120	0.44532	23	23.44532
619480	242140	0.33629	23	23.33629
619480	242160	0.22168	23	23.22168
619480	242180	0.15151	23	23.15151
619480	242200	0.13926	23	23.13926
619480	242220	0.18181	23	23.18181
619480	242240	0.27329	23	23.27329
619480	242260	0.38128	23	23.38128
619480	242280	0.47424	23	23.47424
619480	242300	0.53817	23	23.53817
619480	242320	0.56665	23	23.56665
619480	242340	0.56564	23	23.56564
619480	242360	0.54933	23	23.54933
619480	242380	0.52445	23	23.52445
619480	242400	0.49638	23	23.49638
619480	242420	0.46679	23	23.46679
619480	242440	0.4366	23	23.4366
619480	242460	0.40718	23	23.40718
619480	242480	0.37948	23	23.37948
619480	242500	0.35365	23	23.35365
619480	242520	0.32952	23	23.32952
619480	242540	0.30719	23	23.30719
619480	242560	0.28639	23	23.28639
619480	242580	0.26714	23	23.26714
619480	242600	0.24954	23	23.24954
619500	241800	0.20513	23	23.20513
619500	241820	0.21984	23	23.21984
619500	241840	0.23605	23	23.23605
619500	241860	0.25385	23	23.25385
619500	241880	0.27337	23	23.27337
619500	241900	0.29484	23	23.29484
619500	241920	0.3185	23	23.3185
619500	241940	0.34461	23	23.34461
619500	241960	0.37335	23	23.37335
619500	241980	0.40451	23	23.40451
619500	242000	0.43734	23	23.43734
619500	242020	0.47069	23	23.47069
619500	242040	0.50414	23	23.50414
619500	242060	0.53502	23	23.53502
619500	242080	0.55744	23	23.55744
619500	242100	0.5619	23	23.5619
619500	242120	0.53068	23	23.53068
619500	242140	0.46237	23	23.46237
619500	242160	0.37842	23	23.37842
619500	242180	0.31767	23	23.31767
619500	242200	0.30978	23	23.30978
619500	242220	0.36229	23	23.36229
619500	242240	0.4522	23	23.4522
619500	242260	0.53434	23	23.53434
619500	242280	0.5856	23	23.5856
619500	242300	0.60014	23	23.60014
619500	242320	0.58711	23	23.58711
619500	242340	0.56396	23	23.56396
619500	242360	0.53583	23	23.53583
619500	242380	0.50683	23	23.50683
619500	242400	0.47804	23	23.47804
619500	242420	0.44934	23	23.44934
619500	242440	0.42102	23	23.42102
619500	242460	0.39391	23	23.39391

Grid reference		Contribution from boiler	Background concentration	Total concentration
619500	242480	0.3684	23	23.3684
619500	242500	0.34442	23	23.34442
619500	242520	0.32185	23	23.32185
619500	242540	0.30078	23	23.30078
619500	242560	0.28096	23	23.28096
619500	242580	0.26262	23	23.26262
619500	242600	0.24578	23	23.24578
619520	241800	0.20239	23	23.20239
619520	241820	0.21678	23	23.21678
619520	241840	0.23264	23	23.23264
619520	241860	0.25009	23	23.25009
619520	241880	0.26921	23	23.26921
619520	241900	0.29018	23	23.29018
619520	241920	0.31323	23	23.31323
619520	241940	0.33857	23	23.33857
619520	241960	0.3664	23	23.3664
619520	241980	0.39666	23	23.39666
619520	242000	0.42882	23	23.42882
619520	242020	0.46189	23	23.46189
619520	242040	0.49506	23	23.49506
619520	242060	0.52734	23	23.52734
619520	242080	0.55424	23	23.55424
619520	242100	0.56907	23	23.56907
619520	242120	0.56541	23	23.56541
619520	242140	0.53565	23	23.53565
619520	242160	0.48906	23	23.48906
619520	242180	0.45124	23	23.45124
619520	242200	0.45032	23	23.45032
619520	242220	0.49701	23	23.49701
619520	242240	0.56812	23	23.56812
619520	242260	0.62305	23	23.62305
619520	242280	0.64127	23	23.64127
619520	242300	0.62702	23	23.62702
619520	242320	0.59687	23	23.59687
619520	242340	0.56015	23	23.56015
619520	242360	0.5241	23	23.5241
619520	242380	0.49093	23	23.49093
619520	242400	0.46032	23	23.46032
619520	242420	0.43156	23	23.43156
619520	242440	0.40462	23	23.40462
619520	242460	0.3794	23	23.3794
619520	242480	0.35583	23	23.35583
619520	242500	0.3336	23	23.3336
619520	242520	0.31264	23	23.31264
619520	242540	0.29287	23	23.29287
619520	242560	0.27423	23	23.27423
619520	242580	0.25694	23	23.25694
619520	242600	0.24099	23	23.24099
619540	241800	0.19955	23	23.19955
619540	241820	0.21357	23	23.21357
619540	241840	0.229	23	23.229
619540	241860	0.24596	23	23.24596
619540	241880	0.26452	23	23.26452
619540	241900	0.28476	23	23.28476
619540	241920	0.30688	23	23.30688
619540	241940	0.33099	23	23.33099
619540	241960	0.35727	23	23.35727
619540	241980	0.38573	23	23.38573
619540	242000	0.4161	23	23.4161
619540	242020	0.44754	23	23.44754
619540	242040	0.47891	23	23.47891
619540	242060	0.50937	23	23.50937
619540	242080	0.53626	23	23.53626
619540	242100	0.5555	23	23.5555
619540	242120	0.56156	23	23.56156
619540	242140	0.55322	23	23.55322
619540	242160	0.53317	23	23.53317
619540	242180	0.51614	23	23.51614
619540	242200	0.52239	23	23.52239
619540	242220	0.55916	23	23.55916
619540	242240	0.60804	23	23.60804
619540	242260	0.64164	23	23.64164
619540	242280	0.64759	23	23.64759
619540	242300	0.62864	23	23.62864
619540	242320	0.59329	23	23.59329
619540	242340	0.55266	23	23.55266
619540	242360	0.51289	23	23.51289
619540	242380	0.47655	23	23.47655
619540	242400	0.44396	23	23.44396
619540	242420	0.4148	23	23.4148
619540	242440	0.38856	23	23.38856
619540	242460	0.36471	23	23.36471
619540	242480	0.34268	23	23.34268
619540	242500	0.32199	23	23.32199
619540	242520	0.30251	23	23.30251
619540	242540	0.28394	23	23.28394
619540	242560	0.26655	23	23.26655
619540	242580	0.25037	23	23.25037
619540	242600	0.23538	23	23.23538
619560	241800	0.19653	23	23.19653
619560	241820	0.21007	23	23.21007
619560	241840	0.22493	23	23.22493
619560	241860	0.24121	23	23.24121
619560	241880	0.25895	23	23.25895
619560	241900	0.27818	23	23.27818
619560	241920	0.29905	23	23.29905
619560	241940	0.3216	23	23.3216
619560	241960	0.34591	23	23.34591
619560	241980	0.37207	23	23.37207
619560	242000	0.39991	23	23.39991
619560	242020	0.42892	23	23.42892
619560	242040	0.45808	23	23.45808
619560	242060	0.48589	23	23.48589
619560	242080	0.51073	23	23.51073
619560	242100	0.52993	23	23.52993
619560	242120	0.54018	23	23.54018
619560	242140	0.53951	23	23.53951
619560	242160	0.53074	23	23.53074
619560	242180	0.52417	23	23.52417
619560	242200	0.53268	23	23.53268
619560	242220	0.56056	23	23.56056
619560	242240	0.59684	23	23.59684
619560	242260	0.62362	23	23.62362
619560	242280	0.62855	23	23.62855
619560	242300	0.61103	23	23.61103
619560	242320	0.57905	23	23.57905
619560	242340	0.54025	23	23.54025
619560	242360	0.50019	23	23.50019
619560	242380	0.46268	23	23.46268
619560	242400	0.42901	23	23.42901
619560	242420	0.39948	23	23.39948
619560	242440	0.37357	23	23.37357
619560	242460	0.35054	23	23.35054
619560	242480	0.32959	23	23.32959
619560	242500	0.31017	23	23.31017
619560	242520	0.29187	23	23.29187
619560	242540	0.27452	23	23.27452
619560	242560	0.25831	23	23.25831
619560	242580	0.24322	23	23.24322
619560	242600	0.22918	23	23.22918
619580	241800	0.19317	23	23.19317
619580	241820	0.20613	23	23.20613
619580	241840	0.22026	23	23.22026
619580	241860	0.23565	23	23.23565
619580	241880	0.25236	23	23.25236
619580	241900	0.27036	23	23.27036
619580	241920	0.28975	23	23.28975
619580	241940	0.31058	23	23.31058
619580	241960	0.33281	23	23.33281
619580	241980	0.3565	23	23.3565
619580	242000	0.38163	23	23.38163
619580	242020	0.40784	23	23.40784
619580	242040	0.43424	23	23.43424
619580	242060	0.45952	23	23.45952
619580	242080	0.48195	23	23.48195
619580	242100	0.49924	23	23.49924
619580	242120	0.5094	23	23.5094
619580	242140	0.51148	23	23.51148
619580	242160	0.50827	23	23.50827
619580	242180	0.50696	23	23.50696

Grid reference		Contribution from boiler	Background concentration	Total concentration
619580	242200	0.51589	23	23.51589
619580	242220	0.53801	23	23.53801
619580	242240	0.56637	23	23.56637
619580	242260	0.58828	23	23.58828
619580	242280	0.59436	23	23.59436
619580	242300	0.58257	23	23.58257
619580	242320	0.55679	23	23.55679
619580	242340	0.52226	23	23.52226
619580	242360	0.48478	23	23.48478
619580	242380	0.44829	23	23.44829
619580	242400	0.41489	23	23.41489
619580	242420	0.38549	23	23.38549
619580	242440	0.35988	23	23.35988
619580	242460	0.33734	23	23.33734
619580	242480	0.3171	23	23.3171
619580	242500	0.29854	23	23.29854
619580	242520	0.28112	23	23.28112
619580	242540	0.26488	23	23.26488
619580	242560	0.24978	23	23.24978
619580	242580	0.23572	23	23.23572
619580	242600	0.22263	23	23.22263
619600	241800	0.18937	23	23.18937
619600	241820	0.20163	23	23.20163
619600	241840	0.21491	23	23.21491
619600	241860	0.22928	23	23.22928
619600	241880	0.2448	23	23.2448
619600	241900	0.26146	23	23.26146
619600	241920	0.27929	23	23.27929
619600	241940	0.29834	23	23.29834
619600	241960	0.31857	23	23.31857
619600	241980	0.33996	23	23.33996
619600	242000	0.3625	23	23.3625
619600	242020	0.38582	23	23.38582
619600	242040	0.40925	23	23.40925
619600	242060	0.43165	23	23.43165
619600	242080	0.45132	23	23.45132
619600	242100	0.46657	23	23.46657
619600	242120	0.47581	23	23.47581
619600	242140	0.47861	23	23.47861
619600	242160	0.47766	23	23.47766
619600	242180	0.47854	23	23.47854
619600	242200	0.48713	23	23.48713
619600	242220	0.50528	23	23.50528
619600	242240	0.52838	23	23.52838
619600	242260	0.54751	23	23.54751
619600	242280	0.55517	23	23.55517
619600	242300	0.5483	23	23.5483
619600	242320	0.52831	23	23.52831
619600	242340	0.49948	23	23.49948
619600	242360	0.46631	23	23.46631
619600	242380	0.43265	23	23.43265
619600	242400	0.40097	23	23.40097
619600	242420	0.3725	23	23.3725
619600	242440	0.34736	23	23.34736
619600	242460	0.32526	23	23.32526
619600	242480	0.30545	23	23.30545
619600	242500	0.28736	23	23.28736
619600	242520	0.27067	23	23.27067
619600	242540	0.25535	23	23.25535
619600	242560	0.24119	23	23.24119
619600	242580	0.22806	23	23.22806
619600	242600	0.21583	23	23.21583
619620	241800	0.18508	23	23.18508
619620	241820	0.19656	23	23.19656
619620	241840	0.20891	23	23.20891
619620	241860	0.2222	23	23.2222
619620	241880	0.23648	23	23.23648
619620	241900	0.25178	23	23.25178
619620	241920	0.26807	23	23.26807
619620	241940	0.28538	23	23.28538
619620	241960	0.30377	23	23.30377
619620	241980	0.32311	23	23.32311
619620	242000	0.34326	23	23.34326
619620	242020	0.3639	23	23.3639
619620	242040	0.38445	23	23.38445
619620	242060	0.40377	23	23.40377
619620	242080	0.42053	23	23.42053
619620	242100	0.43341	23	23.43341
619620	242120	0.44131	23	23.44131
619620	242140	0.44443	23	23.44443
619620	242160	0.44504	23	23.44504
619620	242180	0.44722	23	23.44722
619620	242200	0.45521	23	23.45521
619620	242220	0.47042	23	23.47042
619620	242240	0.48957	23	23.48957
619620	242260	0.50611	23	23.50611
619620	242280	0.51416	23	23.51416
619620	242300	0.51069	23	23.51069
619620	242320	0.49617	23	23.49617
619620	242340	0.47329	23	23.47329
619620	242360	0.44551	23	23.44551
619620	242380	0.41587	23	23.41587
619620	242400	0.38687	23	23.38687
619620	242420	0.36	23	23.36
619620	242440	0.33576	23	23.33576
619620	242460	0.31406	23	23.31406
619620	242480	0.29454	23	23.29454
619620	242500	0.27683	23	23.27683
619620	242520	0.26077	23	23.26077
619620	242540	0.24616	23	23.24616
619620	242560	0.23276	23	23.23276
619620	242580	0.22041	23	23.22041
619620	242600	0.20897	23	23.20897
619640	241800	0.18032	23	23.18032
619640	241820	0.19096	23	23.19096
619640	241840	0.20237	23	23.20237
619640	241860	0.21458	23	23.21458
619640	241880	0.22765	23	23.22765
619640	241900	0.24161	23	23.24161
619640	241920	0.25649	23	23.25649
619640	241940	0.27227	23	23.27227
619640	241960	0.28892	23	23.28892
619640	241980	0.30636	23	23.30636
619640	242000	0.32434	23	23.32434
619640	242020	0.34261	23	23.34261
619640	242040	0.36042	23	23.36042
619640	242060	0.37685	23	23.37685
619640	242080	0.39084	23	23.39084
619640	242100	0.40132	23	23.40132
619640	242120	0.40777	23	23.40777
619640	242140	0.41065	23	23.41065
619640	242160	0.41199	23	23.41199
619640	242180	0.4149	23	23.4149
619640	242200	0.42241	23	23.42241
619640	242220	0.43523	23	23.43523
619640	242240	0.45101	23	23.45101
619640	242260	0.46525	23	23.46525
619640	242280	0.47338	23	23.47338
619640	242300	0.47279	23	23.47279
619640	242320	0.46312	23	23.46312
619640	242340	0.44583	23	23.44583
619640	242360	0.42333	23	23.42333
619640	242380	0.39811	23	23.39811
619640	242400	0.37233	23	23.37233
619640	242420	0.34754	23	23.34754
619640	242440	0.32447	23	23.32447
619640	242460	0.30338	23	23.30338
619640	242480	0.28427	23	23.28427
619640	242500	0.267	23	23.267
619640	242520	0.25148	23	23.25148
619640	242540	0.23744	23	23.23744
619640	242560	0.22467	23	23.22467
619640	242580	0.21296	23	23.21296
619640	242600	0.20217	23	23.20217
619660	241800	0.17513	23	23.17513
619660	241820	0.18495	23	23.18495
619660	241840	0.19545	23	23.19545
619660	241860	0.20664	23	23.20664
619660	241880	0.21857	23	23.21857
619660	241900	0.23131	23	23.23131

Grid reference		Contribution from boiler	Background concentration	Total concentration
619660	241920	0.24489	23	23.24489
619660	241940	0.25926	23	23.25926
619660	241960	0.27434	23	23.27434
619660	241980	0.29002	23	23.29002
619660	242000	0.3061	23	23.3061
619660	242020	0.32214	23	23.32214
619660	242040	0.33747	23	23.33747
619660	242060	0.35138	23	23.35138
619660	242080	0.36291	23	23.36291
619660	242100	0.37132	23	23.37132
619660	242120	0.37641	23	23.37641
619660	242140	0.37888	23	23.37888
619660	242160	0.38047	23	23.38047
619660	242180	0.38356	23	23.38356
619660	242200	0.39034	23	23.39034
619660	242220	0.40126	23	23.40126
619660	242240	0.41462	23	23.41462
619660	242260	0.42717	23	23.42717
619660	242280	0.43531	23	23.43531
619660	242300	0.43678	23	23.43678
619660	242320	0.43091	23	23.43091
619660	242340	0.41831	23	23.41831
619660	242360	0.40055	23	23.40055
619660	242380	0.37958	23	23.37958
619660	242400	0.35715	23	23.35715
619660	242420	0.33466	23	23.33466
619660	242440	0.31309	23	23.31309
619660	242460	0.29296	23	23.29296
619660	242480	0.2745	23	23.2745
619660	242500	0.25782	23	23.25782
619660	242520	0.2428	23	23.2428
619660	242540	0.22926	23	23.22926
619660	242560	0.217	23	23.217
619660	242580	0.20583	23	23.20583
619660	242600	0.19558	23	23.19558
619680	241800	0.16965	23	23.16965
619680	241820	0.17869	23	23.17869
619680	241840	0.18831	23	23.18831
619680	241860	0.19856	23	23.19856
619680	241880	0.20949	23	23.20949
619680	241900	0.22114	23	23.22114
619680	241920	0.2335	23	23.2335
619680	241940	0.24655	23	23.24655
619680	241960	0.26018	23	23.26018
619680	241980	0.27428	23	23.27428
619680	242000	0.2886	23	23.2886
619680	242020	0.30262	23	23.30262
619680	242040	0.31582	23	23.31582
619680	242060	0.32751	23	23.32751
619680	242080	0.33699	23	23.33699
619680	242100	0.34373	23	23.34373
619680	242120	0.34773	23	23.34773
619680	242140	0.34981	23	23.34981
619680	242160	0.35147	23	23.35147
619680	242180	0.35453	23	23.35453
619680	242200	0.36062	23	23.36062
619680	242220	0.37005	23	23.37005
619680	242240	0.38151	23	23.38151
619680	242260	0.39262	23	23.39262
619680	242280	0.40055	23	23.40055
619680	242300	0.40341	23	23.40341
619680	242320	0.4003	23	23.4003
619680	242340	0.39141	23	23.39141
619680	242360	0.37767	23	23.37767
619680	242380	0.3605	23	23.3605
619680	242400	0.3413	23	23.3413
619680	242420	0.32127	23	23.32127
619680	242440	0.30146	23	23.30146
619680	242460	0.28263	23	23.28263
619680	242480	0.26515	23	23.26515
619680	242500	0.24918	23	23.24918
619680	242520	0.23469	23	23.23469
619680	242540	0.22162	23	23.22162
619680	242560	0.20981	23	23.20981
619680	242580	0.19908	23	23.19908
619680	242600	0.18928	23	23.18928
619700	241800	0.16397	23	23.16397
619700	241820	0.17228	23	23.17228
619700	241840	0.18112	23	23.18112
619700	241860	0.19054	23	23.19054
619700	241880	0.20058	23	23.20058
619700	241900	0.21123	23	23.21123
619700	241920	0.22248	23	23.22248
619700	241940	0.2343	23	23.2343
619700	241960	0.24661	23	23.24661
619700	241980	0.25924	23	23.25924
619700	242000	0.27187	23	23.27187
619700	242020	0.28412	23	23.28412
619700	242040	0.29545	23	23.29545
619700	242060	0.30528	23	23.30528
619700	242080	0.31303	23	23.31303
619700	242100	0.31846	23	23.31846
619700	242120	0.32169	23	23.32169
619700	242140	0.32346	23	23.32346
619700	242160	0.32509	23	23.32509
619700	242180	0.32804	23	23.32804
619700	242200	0.33355	23	23.33355
619700	242220	0.34176	23	23.34176
619700	242240	0.35169	23	23.35169
619700	242260	0.36152	23	23.36152
619700	242280	0.36906	23	23.36906
619700	242300	0.3727	23	23.3727
619700	242320	0.37158	23	23.37158
619700	242340	0.3656	23	23.3656
619700	242360	0.35521	23	23.35521
619700	242380	0.34129	23	23.34129
619700	242400	0.32498	23	23.32498
619700	242420	0.30747	23	23.30747
619700	242440	0.28973	23	23.28973
619700	242460	0.27244	23	23.27244
619700	242480	0.25609	23	23.25609
619700	242500	0.24094	23	23.24094
619700	242520	0.22708	23	23.22708
619700	242540	0.2145	23	23.2145
619700	242560	0.20309	23	23.20309
619700	242580	0.19275	23	23.19275
619700	242600	0.18332	23	23.18332
619720	241800	0.15822	23	23.15822
619720	241820	0.16589	23	23.16589
619720	241840	0.17404	23	23.17404
619720	241860	0.18272	23	23.18272
619720	241880	0.19193	23	23.19193
619720	241900	0.20167	23	23.20167
619720	241920	0.21193	23	23.21193
619720	241940	0.22263	23	23.22263
619720	241960	0.2337	23	23.2337
619720	241980	0.24491	23	23.24491
619720	242000	0.256	23	23.256
619720	242020	0.26664	23	23.26664
619720	242040	0.27634	23	23.27634
619720	242060	0.28457	23	23.28457
619720	242080	0.29094	23	23.29094
619720	242100	0.29532	23	23.29532
619720	242120	0.29792	23	23.29792
619720	242140	0.29947	23	23.29947
619720	242160	0.30107	23	23.30107
619720	242180	0.30388	23	23.30388
619720	242200	0.30886	23	23.30886
619720	242220	0.31608	23	23.31608
619720	242240	0.32471	23	23.32471
619720	242260	0.33343	23	23.33343
619720	242280	0.34051	23	23.34051
619720	242300	0.3446	23	23.3446
619720	242320	0.34492	23	23.34492
619720	242340	0.34111	23	23.34111
619720	242360	0.33335	23	23.33335
619720	242380	0.32218	23	23.32218
619720	242400	0.30861	23	23.30861
619720	242420	0.29361	23	23.29361
619720	242440	0.27794	23	23.27794

Grid reference		Contribution from boiler	Background concentration	Total concentration
619720	242460	0.26231	23	23.26231
619720	242480	0.24721	23	23.24721
619720	242500	0.233	23	23.233
619720	242520	0.21985	23	23.21985
619720	242540	0.20779	23	23.20779
619720	242560	0.19681	23	23.19681
619720	242580	0.18681	23	23.18681
619720	242600	0.17771	23	23.17771
619740	241800	0.1525	23	23.1525
619740	241820	0.1596	23	23.1596
619740	241840	0.16715	23	23.16715
619740	241860	0.17515	23	23.17515
619740	241880	0.18361	23	23.18361
619740	241900	0.19254	23	23.19254
619740	241920	0.20187	23	23.20187
619740	241940	0.21157	23	23.21157
619740	241960	0.22148	23	23.22148
619740	241980	0.23141	23	23.23141
619740	242000	0.24112	23	23.24112
619740	242020	0.25027	23	23.25027
619740	242040	0.25849	23	23.25849
619740	242060	0.26536	23	23.26536
619740	242080	0.27057	23	23.27057
619740	242100	0.27408	23	23.27408
619740	242120	0.2762	23	23.2762
619740	242140	0.27758	23	23.27758
619740	242160	0.27916	23	23.27916
619740	242180	0.28186	23	23.28186
619740	242200	0.28639	23	23.28639
619740	242220	0.29277	23	23.29277
619740	242240	0.30036	23	23.30036
619740	242260	0.3081	23	23.3081
619740	242280	0.31468	23	23.31468
619740	242300	0.31899	23	23.31899
619740	242320	0.32022	23	23.32022
619740	242340	0.31802	23	23.31802
619740	242360	0.31234	23	23.31234
619740	242380	0.30361	23	23.30361
619740	242400	0.29252	23	23.29252
619740	242420	0.27979	23	23.27979
619740	242440	0.26616	23	23.26616
619740	242460	0.25221	23	23.25221
619740	242480	0.23846	23	23.23846
619740	242500	0.22528	23	23.22528
619740	242520	0.2129	23	23.2129
619740	242540	0.20143	23	23.20143
619740	242560	0.19089	23	23.19089
619740	242580	0.18126	23	23.18126
619740	242600	0.17245	23	23.17245
619760	241800	0.14691	23	23.14691
619760	241820	0.15351	23	23.15351
619760	241840	0.16049	23	23.16049
619760	241860	0.16788	23	23.16788
619760	241880	0.17567	23	23.17567
619760	241900	0.18383	23	23.18383
619760	241920	0.19233	23	23.19233
619760	241940	0.2011	23	23.2011
619760	241960	0.20996	23	23.20996
619760	241980	0.21874	23	23.21874
619760	242000	0.22722	23	23.22722
619760	242020	0.23508	23	23.23508
619760	242040	0.24201	23	23.24201
619760	242060	0.24768	23	23.24768
619760	242080	0.25192	23	23.25192
619760	242100	0.25475	23	23.25475
619760	242120	0.2565	23	23.2565
619760	242140	0.25777	23	23.25777
619760	242160	0.25931	23	23.25931
619760	242180	0.26186	23	23.26186
619760	242200	0.26596	23	23.26596
619760	242220	0.27159	23	23.27159
619760	242240	0.27826	23	23.27826
619760	242260	0.28517	23	23.28517
619760	242280	0.29127	23	23.29127
619760	242300	0.29558	23	23.29558
619760	242320	0.29743	23	23.29743
619760	242340	0.29642	23	23.29642
619760	242360	0.29248	23	23.29248
619760	242380	0.28583	23	23.28583
619760	242400	0.27688	23	23.27688
619760	242420	0.26623	23	23.26623
619760	242440	0.25448	23	23.25448
619760	242460	0.24219	23	23.24219
619760	242480	0.22981	23	23.22981
619760	242500	0.21771	23	23.21771
619760	242520	0.20616	23	23.20616
619760	242540	0.19533	23	23.19533
619760	242560	0.18528	23	23.18528
619760	242580	0.17601	23	23.17601
619760	242600	0.16751	23	23.16751
619780	241800	0.1415	23	23.1415
619780	241820	0.14763	23	23.14763
619780	241840	0.1541	23	23.1541
619780	241860	0.16094	23	23.16094
619780	241880	0.16809	23	23.16809
619780	241900	0.17557	23	23.17557
619780	241920	0.18332	23	23.18332
619780	241940	0.19121	23	23.19121
619780	241960	0.19913	23	23.19913
619780	241980	0.20689	23	23.20689
619780	242000	0.21428	23	23.21428
619780	242020	0.22103	23	23.22103
619780	242040	0.22685	23	23.22685
619780	242060	0.23152	23	23.23152
619780	242080	0.23496	23	23.23496
619780	242100	0.23723	23	23.23723
619780	242120	0.23867	23	23.23867
619780	242140	0.2398	23	23.2398
619780	242160	0.24125	23	23.24125
619780	242180	0.24362	23	23.24362
619780	242200	0.24732	23	23.24732
619780	242220	0.25233	23	23.25233
619780	242240	0.25823	23	23.25823
619780	242260	0.26441	23	23.26441
619780	242280	0.27003	23	23.27003
619780	242300	0.27427	23	23.27427
619780	242320	0.27654	23	23.27654
619780	242340	0.27646	23	23.27646
619780	242360	0.2739	23	23.2739
619780	242380	0.26895	23	23.26895
619780	242400	0.26184	23	23.26184
619780	242420	0.25304	23	23.25304
619780	242440	0.24302	23	23.24302
619780	242460	0.23229	23	23.23229
619780	242480	0.22125	23	23.22125
619780	242500	0.21027	23	23.21027
619780	242520	0.19959	23	23.19959
619780	242540	0.18944	23	23.18944
619780	242560	0.1799	23	23.1799
619780	242580	0.17103	23	23.17103
619780	242600	0.16285	23	23.16285
619800	241800	0.13629	23	23.13629
619800	241820	0.14199	23	23.14199
619800	241840	0.14801	23	23.14801
619800	241860	0.15431	23	23.15431
619800	241880	0.1609	23	23.1609
619800	241900	0.16776	23	23.16776
619800	241920	0.1748	23	23.1748
619800	241940	0.1819	23	23.1819
619800	241960	0.18897	23	23.18897
619800	241980	0.19583	23	23.19583
619800	242000	0.20226	23	23.20226
619800	242020	0.20803	23	23.20803
619800	242040	0.21292	23	23.21292
619800	242060	0.21677	23	23.21677
619800	242080	0.21954	23	23.21954
619800	242100	0.22136	23	23.22136
619800	242120	0.22254	23	23.22254
619800	242140	0.22354	23	23.22354
619800	242160	0.22487	23	23.22487

Grid reference		Contribution from boiler	Background concentration	Total concentration
619800	242180	0.22706	23	23.22706
619800	242200	0.23039	23	23.23039
619800	242220	0.23485	23	23.23485
619800	242240	0.24012	23	23.24012
619800	242260	0.24566	23	23.24566
619800	242280	0.25083	23	23.25083
619800	242300	0.25493	23	23.25493
619800	242320	0.25747	23	23.25747
619800	242340	0.25809	23	23.25809
619800	242360	0.25661	23	23.25661
619800	242380	0.25303	23	23.25303
619800	242400	0.2475	23	23.2475
619800	242420	0.24032	23	23.24032
619800	242440	0.23187	23	23.23187
619800	242460	0.22258	23	23.22258
619800	242480	0.21282	23	23.21282
619800	242500	0.20292	23	23.20292
619800	242520	0.19315	23	23.19315
619800	242540	0.18369	23	23.18369
619800	242560	0.1747	23	23.1747
619800	242580	0.16626	23	23.16626
619800	242600	0.15841	23	23.15841