APPENDIX K

INLAND RAIL

Air Quality Technical Report

Part 1 of 2

HELIDON TO CALVERT ENVIRONMENTAL IMPACT STATEMENT

IR_1381

ARTC

Inland Rail Helidon to Calvert EIS

Appendix K – Air Quality Technical Report

Australian Rail Track Corporation

Reference: 3300

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Abbreviations

Abbreviation	Explanation
µm	micrometre
alignment	The centreline of the H2C rail line.
AMO	Aeronautical Meteorological Office
assessment domain	The assessment domain is defined as the wider regional area surrounding and including the air quality impact assessment study area.
AOI	area of influence
AQIA	air quality impact assessment
AQIA study area	The study area for the assessment, defined as the area within 2 km of the alignment, the alignment being the centreline of the H2C rail line.
ARTC	Australian Rail Track Corporation Ltd
ATMS	Advanced Train Management Systems
BCC	Brisbane City Council
BoM	Bureau of Meteorology
CALMET	A diagnostic three-dimensional meteorological model, which provides input for the CALPUFF air dispersion model
CALPUFF	CALPUFF is an advanced non-steady-state air quality modelling system developed in the US
CALPOST	A post-processing package used to process the output from CALPUFF
CEMP	Construction Environmental Management Plan
Chainage (Ch)	A measure of distance along the rail corridor. The values are progressive from the start of each package (from Melbourne to Brisbane) with the terminus of each the alignment at the interface with the next package leading to Brisbane.
CIA	cumulative impact assessment
CO	carbon monoxide
CSIRO	Commonwealth Scientific and Industrial Research Organisation
DES	Department of Environment and Science
DSITI	Department of Science, Information Technology and Innovation
EEA	European Environment Agency
EIS	Environmental Impact Statement
EMEP	European Monitoring and Evaluation Project
ENSO	El Niño-Southern Oscillation
EPA	Environmental Protection Authority
EPP	Environmental Protection Policy
ERA	Environmentally relevant activities
FDMS	filter dynamics measurement systems
GDA	Geocentric Datum of Australia
Graz Lagrangian Model (GRAL)	GRAL is an Austrian developed three-dimensional lagrangian dispersion model which is well suited to modelling the influence of complex terrain and buildings on pollution dispersion.
GRAMM	Prognostic meso-scale wind field model used for input into GRAL
IAQM	UK Institute of Air Quality Management
Inland Rail	Melbourne to Brisbane Inland Rail
ISCA	Infrastructure Sustainability Council of Australia
km	kilometre
kW	kilowatt

Abbreviation	Explanation
m	metre
MEI	Multivariate ENSO Index
mg/L	milligrams per litre
NEPM	National Environment Protection Measure
NHMRC	National Health and Medical Research Council
NO	nitrogen oxide
NO_2	nitrogen dioxide
NO_x	nitrogen oxides
NPI	National Pollutant Inventory
NSW	New South Wales
NSW EPA	New South Wales Environmental Protection Authority
O_3	Ozone
OEMP	Operational Environmental Management Plan
OLM	ozone limiting method
ONI	Oceanic Niño Index
PAHs	polycyclic aromatic hydrocarbons
PM_{10}	particulate matter less than 10 micrometres
$PM_{2.5}$	particulate matter less than 2.5 micrometres
QLD	Queensland
QLUMP	Queensland Land Use Mapping Program
SEQ	South East Queensland
SOI	Southern Oscillation Index
SO_2	sulphur dioxide
the proponent	Australian Rail Track Corporation Ltd
TAPM	Prognostic meteorological model used to provide input into CALMET
TEOM	tapered element oscillation microbalance
TEQ	toxic equivalency
ToR	Terms of Reference
TSP	total suspended particulates
UQ	University of Queensland
US EPA	US Environmental Protection Agency
EPA Victoria	Environment Protection Authority Victoria
VOCs	volatile organic compounds

Executive summary

Future Freight Joint Venture (FFJV) was engaged by Australian Rail Track Corporation (ARTC) to prepare an Environmental Impact Statement (EIS) for the Helidon to Calvert Project (the Project).

ARTC proposes to construct and operate the Project which consists of approximately 47 kilometres (km) of single track dual gauge railway with four crossing loops to accommodate double stack freight trains up to 1,800 metres (m) long. It will also involve the construction of a tunnel of approximately 850 m in length through the Little Liverpool Range to facilitate the required gradient across the undulating topography.

Key elements of the air quality impact assessment (AQIA) include:

- Review of relevant legislation, historical meteorological data and ambient air quality monitoring data
- Generation of specific meteorology for the AQIA study area
- Primarily quantitative impact assessment for the operation phase to estimate potential air quality impacts, including cumulative air quality impacts
- Qualitative assessment of potential air quality impacts during construction of the Project
- Identification of mitigation measures
- Assessment of the residual impact with the inclusion of the identified mitigation measures.

For the purpose of the assessment, the AQIA study area has been defined as the area within 2 km of the alignment, with the alignment being the centreline of the rail line. The assessment domain is defined as the regional area surrounding and including the AQIA study area. Air quality and meteorological monitoring data from locations outside the AQIA study area but within the assessment domain have been considered in this assessment.

A survey of sensitive receptors (e.g. residential dwellings and agricultural land) in the AQIA study area has been undertaken via desktop review of aerial imagery from Queensland (QLD) Globe. The identified sensitive receptors were included in the qualitative construction assessment and in the dispersion model developed for the assessment of the operational phase of the Project.

The assessment of impacts from the construction of the Project has been undertaken following the UK Institute of Air Quality Management (UK IAQM) *Guidance on the assessment of dust from demolition and construction* (UK IAQM 2014). This document provides a qualitative risk assessment process for the potential impact of dust generated from demolition, earthmoving, and construction activities. In absence of Australian specific guidance, this methodology is considered the most appropriate method for the assessment of construction impacts.

For the assessment of the operational phase, in order to quantify the emissions for diesel locomotives an emissions inventory was developed. The key pollutants of interest included in the emissions inventory for diesel locomotives were oxides of nitrogen (NO_X), particulates less than 10 micrometres (PM_{10}), particulates less than 2.5 micrometres ($PM_{2.5}$), and total suspended particulates (TSP). To assess emissions from normal operations and potential worst-case operations the assessment of operational impacts has considered both the forecast peak and typical train volumes for 2040.

An air quality dispersion modelling assessment was completed for the operational phase based upon methodologies and guidance presented in the following guidelines:

- *Application requirements for activities with impacts to air*, guideline document under the *Environmental Protection Act 1994* to support applications for activities with impacts to air (Department of Environment and Science (DES) 2019)
- *Approved methods for the modelling and assessment of air pollutants in New South Wales* (NSW), which provides statutory methods for modelling and assessing emissions of air pollutants in NSW (NSW Environmental Protection Authority (NSW EPA), 2017) but is relevant and applicable for assessments in QLD

- *Generic guidance and optimum model settings for the CALPUFF modelling system for inclusion into the Approved methods for the modelling and assessments of air pollutants in NSW, Australia* (Barclay & Scire 2011), which is written for NSW but is relevant and applicable for QLD.

Meteorological data utilised in the assessment was derived in accordance with the aforementioned guidance from The Air Pollution Model (TAPM) developed by the Commonwealth Scientific and Industrial Research Organisation (CSIRO) (2008) and supplemented with historical data from a number of Bureau of Meteorology (BoM) stations in the assessment domain. Dispersion modelling of pollutants was then completed utilising CALPUFF with meteorology refined using CALMET.

Potential worst-case pollutant concentrations were predicted across the AQIA study area for the operational phase based on projected 2040 train volumes. The predicted air quality concentrations and deposition rates were compared to Project specific air quality goals that were developed considering the *Environmental Protection Act 1994* (EP Act), the *Environmental Protection (Air) Policy 2019* (EPP (Air)), *National Environment Protection (Ambient Air Quality) Measure (Air Quality NEPM)* and guideline values commonly recommended by the DES. The environmental values which are protected by the air quality goals considered include protecting health and wellbeing, protecting the health and biodiversity of ecosystems, and protecting agriculture uses, and protecting the aesthetics of the environment.

The methodology adopted for the assessment is conservative and is considered likely to over-estimate impacts, as is typically required for air quality impact assessments. A number of assumptions been made in the assessment, including the following key assumptions:

- Emission factors for the locomotives have been adopted from the United States Environmental Protection Agency (US EPA) (2009) and the European Monitoring and Evaluation Program/European Environment Agency (EMEP/EEA) (2016a)
- The diesel locomotive particulate fraction for $PM_{2.5}$ was assumed to be 96 per cent of the PM_{10} emission rates as indicated in the National Pollutant Inventory (NPI) *Emissions Estimation Manual for Railyards* (Department of the Environment, Water, Heritage and the Arts (DEWHA) 2008), which is considered the most accurate reference for particulate emissions from locomotives
- Concentrations of TSP, PM_{10}, $PM_{2.5}$ and levels of deposited dust have been predicted with and without veneering to coal wagons. Application of veneer to coal wagons is expected to reduce emissions in the order of 75 to 85 per cent. It has been conservatively assumed that fugitive coal dust emissions will be reduced by 75 per cent based on field trials (Connell Hatch, 2008).
- The $PM_{2.5}$ emission rate from fugitive coal dust is considered to be 15 per cent of the PM_{10} emission rates based on the particle size distributions for mechanically generated emissions from aggregate and unprocessed ores published in the US EPA *AP42 Compilation of Air Pollutant Emission Factors* (US EPA 1998). Particle size distribution data is not provided for coal, but size distributions for aggregate and unprocessed ores is considered acceptable in lieu of specific data for coal.
- Coal dust emissions were calculated from an assumed average speed which resulted in an effective wind speed over the coal wagons of 80 km/hr for the entire alignment, with the exception of travel through the Little Liverpool Range tunnel
- Tunnel emissions from the portals have been assessed based upon operational rail modelling for train travel, which specified tunnel travel speeds and locomotive power used to traverse the Little Liverpool Range tunnel
- Nitrogen dioxide (NO_2) concentrations were derived from modelled results utilising the ozone (O_3) limiting method (OLM) as per *Approved methods for the modelling and assessment of air pollutants in NSW* (NSW EPA, 2017). Background NO_2 and O_3 concentrations for the AQIA study area have been assumed based on measured concentrations from the DES Mutdapilly air quality monitoring station.

- The study assumes low sulphur content fuel as per the requirements of Australian federal legislation including the *Fuel Quality Standards Act 2000* (Department of the Environment and Energy (DoEE) 2000), the *Fuel Quality Standards Regulations 2001* (DoEE 2001a) and the *Fuel Standard (Automotive Diesel) Determination 2001* (DoEE 2001b). The regulation of low sulphur content fuel in Australia has significantly decreased the generation and concentrations of SO_2 near transport sources and concentrations are typically well below the relevant air quality goals. Due to the low likelihood of significant impact, SO_2 has not been considered in this assessment.

Qualitative assessment of the construction of the Project determined that without mitigation there is an anticipated medium risk of impact to human health, and medium risk of impact via dust deposition. Mitigation strategies have been proposed to minimise potential impacts from the construction of the Project and the residual impact with the implementation of these mitigation strategies has been assessed to be low. With the implementation of mitigation it is expected that the impact of construction on sensitive receptors will not be significant.

Dispersion modelling carried out for the operation of the Project determined that compliance is predicted for all pollutants with and without veneering for peak train volumes with the exception of the annual average goals for PM_{10} and $PM_{2.5}$, which are predicted to be exceeded without veneering. Compliance is also predicted for all pollutants with and without veneering for typical operations with the exception of the annual average goal for PM_{10}, which is predicted to be exceeded without veneering. Consequently, it is expected that veneering is required to ensure compliance with the Project air quality goals.

The assessment of the operational phase of the Project for residual impacts to water quality has determined that compliance with the drinking water guideline values prescribed by the National Health and Medical Research Council (NHMRC) *Australian Drinking Water Guidelines* (2018) is predicted by a significant margin at all receptors.

Mitigation measures have been proposed for the construction and operational phases of the Project based on the results of the assessment. Mitigation measures for the construction phase have been proposed for each construction activity and include:

- Water sprays to reduce dust emissions from the excavation and disturbance of soil and materials, vehicle travel on unsealed roads, and loading and unloading of materials
- Rehabilitation of exposed areas
- Minimum separation distances for the location of fuel storage tanks.

For several of the mitigation measures proposed, the expected control efficiency (emission reduction percentage) has been nominated based on guidance provided in the NPI *Emissions Estimation Manual for Mining* (Department of Sustainability, Environment, Water, Population and Communities (DSEWPC) 2012).

For the construction of the Project, dust sources will be variable in nature and proximity to sensitive receptors and construction mitigation measures need to address this variability. For a number of emission sources identified there are multiple available mitigation measures. The exact method of mitigation implemented will be determined during construction phase planning and following confirmation of the availability and suitability of water supply sources. During the detailed phase of construction planning, a Construction Environment Management Plan (CEMP) will be developed.

In addition to mitigation measures, methods for the monitoring, reporting and auditing of compliance with the Projects air quality goals have also been proposed for both the construction and operational phases.

1 Introduction

Future Freight Joint Venture (FFJV) was engaged by Australian Rail Track Corporation (ARTC) to prepare an Environmental Impact Statement (EIS) for the Helidon to Calvert (H2C) section of Inland Rail (the Project) in accordance with the Terms of Reference (ToR) and relevant guidelines.

To supplement the EIS, an air quality impact assessment (AQIA) has been undertaken to determine whether commissioning, construction, operation and decommissioning of the Project are predicted to comply with the relevant ambient air quality standards and goals. This report outlines the current regulatory system relevant to air quality management, the baseline air quality and meteorological conditions in the AQIA study area, and the methodology used to carry out an assessment of the air quality. For the purpose of the assessment, the AQIA study area is defined as the area within 2 kilometres (km) of the alignment, with the alignment being the centreline of the rail line. For the purpose of the assessment, the assessment domain is defined as the regional area surrounding and including the AQIA study area.

This report outlines the results of the assessment of the construction and operation phases of the Project and recommends mitigation measures and strategies to minimise the impact of the Project on sensitive receptors. This report supports EIS Chapter 12: Air quality.

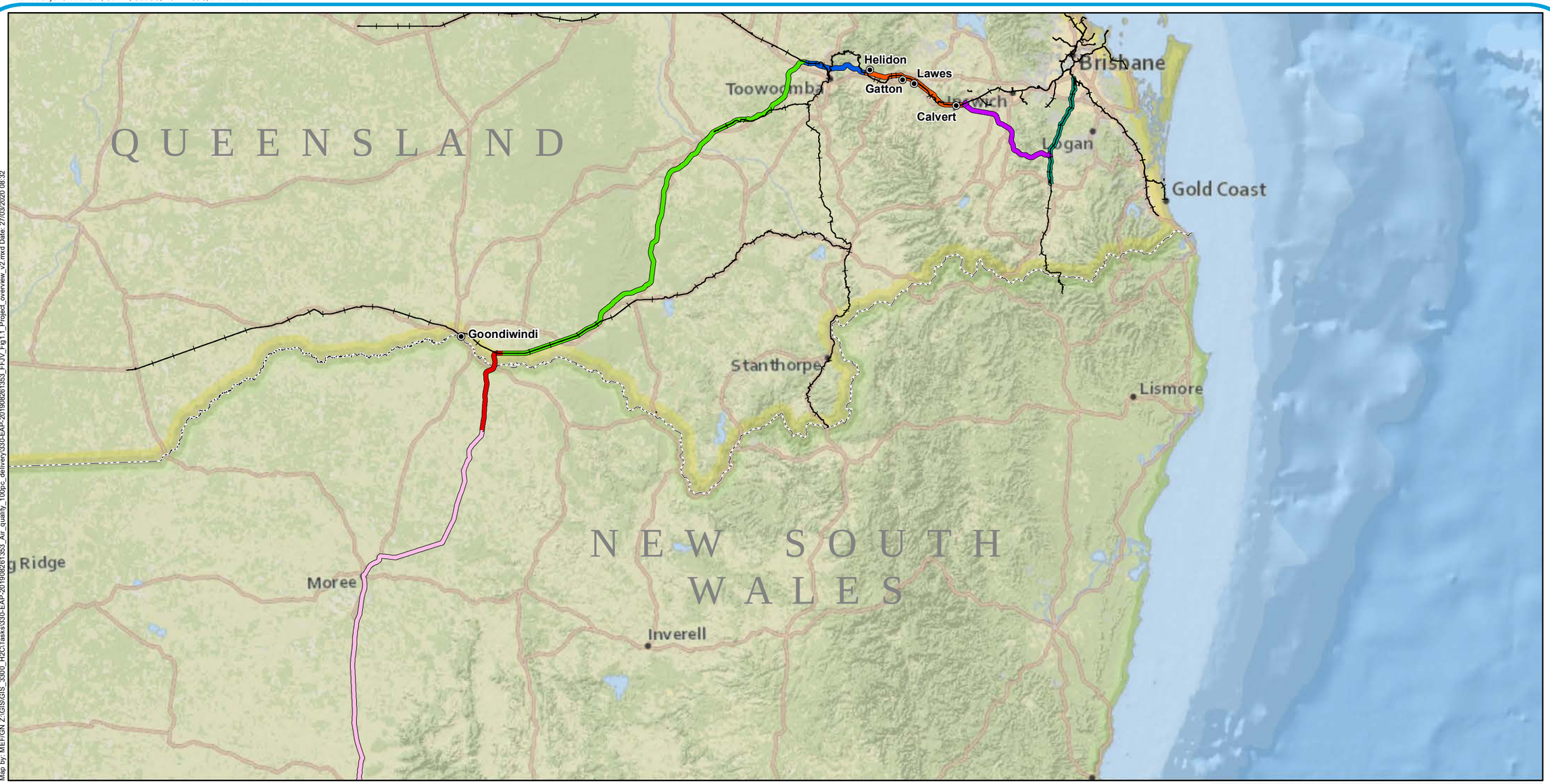
The Project is one of 13 projects making up the 1,700 km Inland Rail Program (Inland Rail). The Project is a combination of greenfield and brownfield rail line approximately 47 km in length that will connect the Gowrie to Helidon section (G2H) Project in the northwest, and Calvert to Kagaru section (C2K) to the east as presented in Figure 1.1.

1.1 Assessment scope

The scope of the AQIA included the following:

- Review of relevant legislation and policy
- Identification of the relevant ambient air quality goals
- Discussion of existing air quality based on available the Queensland (QLD) Government Department of Environment and Science (DES) data
- Discussion of local meteorology and climate conditions based on available Bureau of Meteorology (BoM) and DES data
- Identification of potential sources of air emissions from surrounding land uses
- A qualitative risk assessment of particulate emissions from construction works
- A quantitative dispersion modelling assessment of operational emissions considering peak and typical train movements for the year 2040
- Where required, identify reasonable and feasible mitigation and management measures to minimise potential air quality impacts
- Assessment of the residual impact with the inclusion of the identified mitigation measures.

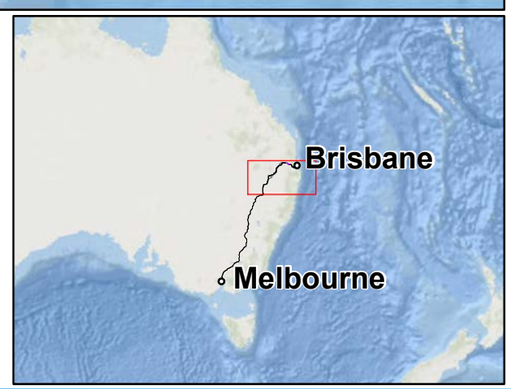
Service Layer Credits: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors



Map by: MEP/GN Z:\GIS\GIS_3300_H2C\Tasks\3330-EAP-20190826\353_Air_quality_100pc_delivery\330-EAP-20190826\353_FFJV_Fig1.1_Project_overview_v2.mxd Date: 27/03/2020 08:32

Legend

- Localities
- Existing rail
- N2NS project alignment
- NS2B project alignment
- B2G project alignment
- G2H project alignment
- H2C project alignment
- C2K project alignment
- K2ARB project alignment
- NSW/QLD border



A3 scale: 1:1,800,000

0 20 40 60 80 100 km

Future Freight
Integrating Community, Environment and Engineering

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Coordinate System: GDA 1994 MGA Zone 56

Helidon to Calvert
Figure 1.1: Project overview

The AQIA has been prepared with consideration given to the following guidelines:

- *Application requirements for activities with impacts to air* guideline document under the *Environmental Protection Act 1994* (EP Act) to support applications for activities with impacts to air (DES, 2019)
- *Approved methods for the modelling and assessment of air pollutants in New South Wales* (NSW), which provides statutory methods for modelling and assessing emissions of air pollutants in NSW (NSW EPA, 2017)
- *Generic guidance and optimum model settings for the CALPUFF modelling system for inclusion into the Approved methods for the modelling and assessments of air pollutants in NSW, Australia* (Barclay & Scire 2011)
- *Guidance on the assessment of dust from demolition and construction, UK Institute of Air Quality Management* (UK IAQM) (2014). This document provides a qualitative risk assessment process for the potential impact of dust generated from demolition, earthmoving, and construction activities.

The purpose of this report is to address the ToR dated October 2017. The ToR relevant to the AQIA state that the assessment should include, but not be limited to the requirements outlined in Table 1.1.

Table 1.1 Terms of Reference requirements

Terms of Reference requirements		Where addressed
Existing environment		
11.128.	Describe the existing air quality that may be affected by the Project in the context of environmental values	Sections 3 and 5 Chapter 12, Sections 12.4.3 and 12.6
11.129.	Discuss the existing local and regional air shed environment	Section 5 Chapter 12, Section 12.6
11.130.	Provide baseline data on local meteorology and ambient levels of pollutants or modelling of air quality. Parameters should include air temperature, wind speed and directions, atmospheric stability, mixing depth and other parameters necessary for input to the model	Section 5 Chapter 12, Sections 12.6.1 and 12.6.2
11.131.	The assessment of environmental values must describe and map at a suitable scale the location of all sensitive air receptors adjacent to all project components. An estimate of typical background air quality levels should be based on surveys at representative sites where data from existing DEHP monitoring stations cannot be reliably extrapolated	Section 5.6 Chapter 12, Section 12.6 and Table 12.12
Impact assessment		
11.132.	Describe the characteristics of any contaminants or materials that may be released as a result of the construction or operations of the Project, including point source and fugitive emissions. Emissions (point source and fugitive) during construction, commissioning and operations are to be listed.	Section 2.4 Chapter 12, Sections 12.4.2, 12.5.2, 12.5.3 and 12.5.4.
11.133.	The relevant air quality goals or objectives that will be adopted for the assessment should be clearly outlined as a basis of the assessment of impacts on air	Section 3.6 Chapter 12, Section 12.4.3
11.134.	The assessment of impacts on air will be in accordance with the EP Act, EP Regulation and EPP (Air) 2008 and reference to appropriate to Australian Standards	Sections 3 and 4 Chapter 12, Section 12.4[a]

Terms of Reference requirements		Where addressed
11.135.	Predict the impacts of the releases from the activity on environmental values of the receiving environment using recognised quality assured methods. The description of impacts should take into consideration the assimilative capacity of the receiving environment and the practices and procedures that would be used to avoid or minimise impacts. The impact prediction must: a) Address residual impacts on the environmental values (including appropriate indicators and air quality objectives) of the air receiving environment, with reference to the air environment at sensitive receptors. This should include all relevant values potentially impacted by the activity, under the EP Act, EP Regulation and EPP (Air) b) Address the cumulative impact of the release with other known releases of contaminants, materials or wastes associated with existing major projects and/or developments and those which are progressing through planning and approval processes and public information is available c) Predict the human health risk and amenity impacts associated with emissions from the project for all contaminants covered by the National Environmental Protection (Ambient Air Quality) Measure or the EPP (Air)	Sections 5 to 10 Chapter 12, Sections 12.4, 12.5, 12.7 and 12.9
Mitigation measures		
11.136.	Describe the proposed mitigation measures to manage impacts to air quality, including potential impacts from coal trains, and the predicted level of effectiveness of the mitigation measures	Sections 4 and 9 Chapter 12, Section 12.8 Chapter 23: Draft Outline Environmental Management Plan, Sections 23.13.5
11.137.	Describe how the proposed activity will be consistent with best practice environmental management. Where a government plan is relevant to the activity or site where the activity is proposed, describe the activity's consistency with that plan	Section 9 Chapter 12, Section 12.8
11.138.	Describe any expected exceedances of air quality goals or criteria following the provision and/or application of mitigation measures, and how any residual impacts would be addressed	Section 10 Chapter 12, Section 12.9
11.139.	Describe how the achievement of the objectives would be monitored, audited and reported and how corrective actions would be managed	Section 9.4 Chapter 12, Section 12.8.4
Climate		
11.166.	Describe the climate patterns with particular regard to discharges to water and air and the propagation of noise related to the project	Sections 4.4.2.8, 5.2 and 5.3.7 Chapter 12, Section 12.6.1 and 12.6.2.5
11.167.	Climate information should be presented in a statistical form including long-term averages and extreme values, as necessary	Section 5.2 Chapter 12, Section 12.6.1
11.168.	Describe the climatic conditions that may affect management of the project. This includes a description of the vulnerability of the project area to seasonal conditions, extremes of climate (for example, cyclones and prolonged rain events) and natural or induced hazards (including bushfire)	Chapter 20: Hazard and risk, Sections 20.8.1 and 20.10.1

Table note:

a The assessment has been undertaken in accordance with the EPP (Air) 2019 (refer Section 3)

1.2 Report structure

The structure of this technical report is presented in Table 1.2, which details where each of the ToR requirements are addressed.

Table 1.2 Report structure

Content	Reference	ToR section addressed
Introduction	Section 1	-
Project description	Section 2	11.132
Relevant legislation	Section 3	11.133 11.134
Assessment methodology	Section 4	11.132 11.135
Existing environment	Section 5	11.128 11.129 11.130 11.131
Construction impact assessment	Section 6	11.132 11.135
Operational impact assessment	Section 7	11.135
Cumulative risk impact assessment	Section 8	11.135 11.138
Mitigation measures and management measures	Section 9	11.136 11.137 11.138 11.139
Residual impact assessment	Section 10	11.138
Conclusion	Section 11	-
References	Section 12	-
Meteorological data	Appendix A	11.130
Dispersion model details	Appendix B	
Example emissions inventory	Appendix C	
NO_x to NO_2 conversion	Appendix D	
Detailed dispersion modelling results	Appendix E	-
Sensitive receptor maps	Appendix F	11.131

2 Project description

2.1 Overview

ARTC proposes to construct and operate the Project which consists of approximately 47 km of new railway, four crossing loops, and a tunnel of approximately 850 m in length through the Little Liverpool Range.

The key components of the Project include:

- Single track dual gauge rail line approximately 47 km in length. The line will include four crossing loops to accommodate 1,800 metre (m) long train sets
- The Project alignment is located adjacent to the existing West Moreton System rail corridor for approximately 24 km
- The Project includes the Little Liverpool Range tunnel and bridges to accommodate topography and crossings of waterways and other infrastructure. The opening area of the tunnel portal is approximately 100 square metres (m^2) and the gradient of the tunnel is 0.99 per cent.
- Tie-ins to the existing West Moreton System rail corridor at the Project boundary and other potential intermediate locations
- The construction of associated rail infrastructure including maintenance sidings, rail maintenance access roads and signalling infrastructure to support the train control system
- Rail crossings including level crossings, grade separations/road overbridges, occupational/private crossings, fauna crossing structures. The line will include four crossing loops located at Helidon, Gatton, Laidley and Calvert.
- Significant embankments and cuttings along the length of the alignment
- Ancillary works including road and public utility crossings and realignments
- Construction workspace and access roads.

The land requirement for the Project will include a permanent operational disturbance footprint of approximately 488 hectares (ha), as well as an additional 145.8 ha for the temporary construction disturbance footprint to accommodate earthworks, drainage structures, rail infrastructure, access tracks and fencing.

2.2 Construction

Subject to approval of the Project, construction is planned to start in 2021 and is expected to be completed and operational by 2026. Construction work would be undertaken during the following primary Project construction hours:

- Surface works will occur Monday to Friday, 6.30 am to 6.00 pm, and Saturday, 6.30 am to 1.00 pm. Surface works will occur at some locations on Monday to Friday between the hours of 6.00pm to 10.00pm if compliance with construction noise criteria can be achieved.
- Tunnelling activities, spoil haulage and materials and equipment delivery will proceed on a 7 day/24 hour basis
- Track possession activities will occur in accordance with the hours of work prescribed by the rail infrastructure manager
- Blasting (if required) will only occur during the hours of 7:30 am to 4:30 pm, Monday to Friday, 7:30 am to 1:00 pm Saturday, and not on Sundays or public holidays
- No other construction work will occur on Sundays or public holiday with the exceptions of the activities listed above.

For the purpose of this assessment it has been assumed that the following activities will occur during the construction of the Project:

- Assembly of site offices, batching plants and welding facilities
- Site preparation including site clearance, establishment of site compounds and facilities, installation of temporary and permanent fencing, installation of drainage and water management controls and construction of site access including temporary haul roads. A total of 32 laydown areas between 2,000 m^2 to 290,000 m^2 in area will be established to support construction.
- Site clearing will occur prior to the main earthworks construction teams arriving. All turf, topsoil and other organic and unsuitable material will be stripped from the site and wherever practical and appropriate, such material will be stockpiled and recycled within the Project disturbance footprint.
- Civil works including bulk earthworks, construction of cuts and embankments, construction of tunnel portals and tunnels, installation of permanent drainage controls, bridge and watercourse crossing construction. Current data suggests excess cut of approximately 900,000 cubic metres (m^3) is available in the Project which will need to be dealt with during construction. A number of options have been identified to reuse and/or spoil excess cut material, including using the spoil for other nearby projects (such as other Inland Rail projects). However, a detailed mass haul assessment will be carried out in the detailed design stage to assess the feasibility of the identified options.
- Track works including the installation of ballast, sleepers, rails and flash butt welding. Track works construction may be undertaken using one of two different methods; a track laying machine or excavators with octopus attachments. The impacts to air quality will be similar for either of the methods.
- Rail systems infrastructure and wayside equipment including signals, turnouts and asset monitoring infrastructure
- Commissioning, integration testing and handover process to achieve operational readiness
- Tunnel excavation, which will be undertaken via either roadheader excavation from each portal or using a drill and blast method. The tunnel is approximately 850 m in length and has a maximum cover of approximately 90 m. The tunnel excavated cross section is approximately 142 m^2, and the internal space requirements are driven by ventilation requirements.

2.3 Operation

The train and wagon information presented in this section has been used as a basis for the operational impact assessment. To assess emissions from normal operations and potential worst-case operations the assessment of operational impacts has considered both peak and typical train volumes for 2040 as shown in Table 2.1. The forecast peak train volume for 2040 is 402 trains per week. The forecast typical train volume for 2040 is anticipated to 81.6 per cent of the peak volume, with an equal reduction (18.4 per cent reduction) across each train type, resulting in approximately 328 trains per week for the typical scenario.

Table 2.1 Forecast weekly train movements by service for the year 2040

Train type/description	Volume of trains/week		Locomotive type			
	Typical[a]	Peak	NR Class[b]	SCT Class[c]	Class 82[d]	PR22L[e]
MB Express (Bromelton)	11	14	**x**	-	-	-
MB Express (Acacia Ridge)	11	14	**x**	-	-	-
MB Superfreighter (Bromelton)	33	40	-	**x**	-	-
MB Superfreighter (Acacia Ridge)	6	8	-	**x**	-	-
GB Superfreighter (Bromelton)	18	22	-	**x**	-	-
GB Superfreighter (Acacia Ridge)	8	10	-	**x**	-	-
New Acland Coal[f]	46	56	-	-	-	**x**
Cameby Downs/Rywung Coal[f]	46	56	-	-	-	**x**

Train type/description	Volume of trains/week		Locomotive type			
	Typical[a]	Peak	NR Class[b]	SCT Class[c]	Class 82[d]	PR22L[e]
Kogan Creek Coal[f]	34	42	-	-	-	**x**
Wilkie Creek Coal[f]	23	28	-	-	-	**x**
Narrabri – PoB Grain	20	24	-	-	**x**	-
Yelarbon – PoB Grain	20	24	-	-	**x**	-
Oakey – PoB Grain[f]	19	24	-	-	**x**	-
Narrabri – PoB Export Cont	10	12	-	-	**x**	-
Yelarbon – PoB Cotton	5	6	-	-	**x**	-
Toowoomba Export Containers[f]	10	12	-	-	-	**x**
Westlander[f]	3	4	-	-	-	**x**
Oakey – Rosewood Livestock[f]	5	6	-	-	**x**	-
Total	328	402				

Table notes:

a The typical volumes are approximate and have been rounded to the nearest whole number based on typical train volumes being expected to be 81.6 per cent of the peak volume for 2040.
b National Rail class locomotives
c Downer EDI SCT/LDP Class locomotive
d Downer EDI 82 Class locomotive
e Downer EDI/Progress Rail Services PR22L locomotive
f Indicates that this train service is an existing service which currently uses the Queensland Rail (QR) West Moreton System rail corridor.

MB = Melbourne to Brisbane,
"**X**" Indicates that this locomotive operates the listed train type, "- "indicates that this locomotive is not on this train type.

The Project alignment is located adjacent to the existing QR West Moreton System rail corridor. For the purpose of the assessment it has been assumed that all trains, including those existing services which currently use the West Moreton System rail corridor, will travel along the Project alignment. This is a conservative assumption as it concentrates emissions from train travel to a single alignment (the Project). The train services which are existing services that currently use the West Moreton System rail corridor include the Oakey grain and livestock trains, the Westlander passenger train and a number of coal trains, as identified in Table 2.1.

Emission factors for the locomotives have been adopted from the US EPA (2009) and EMEP/EEA (2016a). The US EPA emission factors are provided as tiers (Tier 0 to Tier 5). The tiers are based on the year of manufacture of the locomotive and the emission rate for different pollutants, with emissions decreasing as the tier increases (e.g. a Tier 1 locomotive has higher emission rates than a Tier 2 locomotive). Similarly, to the US EPA tiers, the EMEP/EEA emission factors are provided as emission stages, with higher stages corresponding to newer engines and lower emissions.

The locomotives modelled in the assessment (refer Table 2.3) comply with the emission specifications for US EPA Tier 0 and Tier 1, and EEA Stage IIIa, and the emission factors for these classes have been used in the assessment. The train specification data presented in Table 2.3, including train length, which has been used in the assessment has been provided by ARTC.

The locomotive data presented in Table 2.2 has been provided by the Project design team. The US EPA and EMEP/EEA emission factors are the most accurate source of available emissions data for the locomotives and are considered appropriate for use in the assessment.

The average speed assumed in the assessment of train travel emissions (modelled average speed, refer Table 2.3) has been calculated assuming 75 per cent of journey time occurs at maximum design speed, and 25 per cent of journey time is idling. This is considered to be a conservative assumption and will over-estimate emissions as maximum design speed is greater than maximum operational speed.

Table 2.2 Locomotive specifications

Feature	NR Class	SCT/LDP	Class 82	EMD22L (formally PR22L)
Manufacturer	UGL/GE	Downer EDI	Downer EDI/EMD	EMD
Prime Mover	7FDL16	GTA46C-ACe	12-710G3AJWC	Caterpillar 3512C-HD
US EPA or EMEP/EEA Emissions Standard	Tier 0	Tier 1	Tier 0	EURO Stage IIIa
Rated Max Power (kW)	2,917	3,350	2,425	1,640

Table 2.3 Locomotive data

Train description	Locomotives[a]	Maximum wagons length (m)	Maximum design rail speed (km/hr)	Modelled average rail speed (km/hr)[b]	Locomotive height (m)	Wagon height
Express freight	NR Class (3)	1,750	115	86	4.24	6.8
Super freighter	SCT Class (2)	1,750	115	86	4.24	5.925
Grain, cotton, and livestock	Class 82 and 2300 Class (2, 3)[c]	1,750	80	60	-[d]	-[d]
Coal	PR22L (3)	990	100/80[e]	75/60[e]	3.87	3.95

Table notes:

km/hr = kilometres per hour
a Number in brackets indicates the number of locomotives per train
b Calculated assuming 75 per cent of journey time at maximum design speed, 25 per cent of journey time is idling. This is considered to be a conservative assumption as maximum design speed is greater than operational maximum speed.
c Locomotive configuration dependant on wagon payload
d No information was available for this item for this locomotive.
e Varies depending on direction of travel

2.3.1 Tunnel infrastructure

To pass through the Little Liverpool Range the proposed Little Liverpool Range tunnel will be constructed as part of the Project. For normal operation the tunnel will be naturally ventilated. The tunnel is sized such that fans are not required for normal operation and train emissions will exit the portals via natural circulation. As there is no mechanical venting of train emissions from the tunnel there will be minimal plume uplift.

For emergency situations the tunnel has a large ventilation building above each portal that will include large axial fans and air nozzles to control the direction of smoke and heat in the event of a tunnel fire. Emergency events are anticipated to be rare and therefore modelling of an emergency event has not been undertaken for the assessment.

The following information was utilised in the assessment:

- Western tunnel entrance – Chainage (Ch) 61.83 km
- Eastern tunnel entrance – Ch 62.68 km
- Tunnel length – 850 m
- Tunnel free cross sectional area – 100 m^2.

2.3.2 Crossing loops

Four new crossing loops are proposed for the Project. The loops are to be constructed as new sections of track parallel to the alignment. They range in length to accommodate the surrounding area and topography. Table 2.4 presents the crossing loop start and end chainage locations.

Table 2.4 Crossing loop chainage locations

Crossing loop	Start chainage	End chainage
Helidon loop	Ch 29.0 km	Ch 31.20 km
Gatton loop	Ch 44.69 km	Ch 46.90 km
Laidley loop	Ch 55.08 km	Ch 57.29 km
Calvert loop	Ch 68.84 km	Ch 71.04 km

2.4 Project air emissions

Pollutants of potential concern to the Project have been identified through a review of expected activities, applicable NPI emission estimation manuals, international emissions estimation guidelines and EIS literature for similar rail projects.

During the construction phase, particulate matter deposited as total suspended particulates (TSP) and airborne concentrations of particulate matter less than 10 micrometres in diameter (PM_{10}) will be of primary concern. These pollutants have the potential for nuisance impacts if not correctly managed (UK IAQM 2014).

Particulate matter less than 2.5 micrometres in diameter ($PM_{2.5}$) is typically emitted in minor quantities from mechanical sources, and is more predominant from combustion sources (i.e. combustion engines). Emissions of combustion gases (e.g. oxides of nitrogen (NO_x) and carbon monoxide (CO)) and $PM_{2.5}$ from diesel construction vehicles and mobile plant will be significantly lower than particulate emissions from construction activities. Emissions of combustion gases and $PM_{2.5}$ are considered unlikely to result in exceedance of air quality goals or cause nuisance to sensitive receptors and therefore have not been assessed for the construction phase.

In addition to construction dust, odour and volatile organic compounds (VOCs) will be emitted as fugitive emissions from fuel tanks located at laydown areas.

The primary source of air pollution during the operation of the Project will be locomotive engine exhaust. The gaseous pollutants contained in the exhaust are produced as a product of diesel combustion and include NO_x, PM_{10}, $PM_{2.5}$, VOCs, and polycyclic aromatic hydrocarbons (PAHs).

In addition to diesel combustion, fugitive coal dust emissions (TSP, PM_{10}, $PM_{2.5}$ and dust deposition) are also considered to have the potential to impact sensitive receptors and have been assessed for the operation phase. These fugitive emissions will be generated during travel and while stationary at crossing loops. There are no differences between the emissions from the operations within and outside of the tunnel.

A brief discussion regarding these pollutants and their potential effects on health and the environmental values follows. Note that in addition to the pollutants assessed in this assessment, discussion of other pollutants not considered in detail (due to their low expected emissions) have also been provided in this section. The information presented in this section has been acquired from the NPI website (Department of Agriculture, Water and the Environment 2019) and the NSW Department of Planning, Industry and Environment website (NSW Department of Planning, Industry and Environment 2020).

2.4.1 Particulate matter

Airborne particles are commonly differentiated according to size based on their equivalent aerodynamic diameter. TSP refer to airborne particles, generally up to 100 micrometres (µm) in diameter. TSP is primarily associated with aesthetic impacts associated with coarse particles settling on surfaces, which also causes deposition and discolouration. These large particles can, however, cause some irritation of mucosal membranes, which pose a greater risk to health when ingested if they are contaminated. Particles with diameters less than or equal to 10 µm (known as PM_{10}) can be created through crushing and grinding of rocks and soil, and typically comprise soot, dirt, mould and pollen. These particles tend to remain suspended in the air for longer periods than larger particles (minutes or hours) and can penetrate into human lungs. Fine particulates (those with diameters less than or equal to 2.5 µm, known as $PM_{2.5}$) are typically generated from vehicle exhaust, bushfires, and some industrial activities and can remain suspended in the air for days or weeks. As these fine particulates can travel further into human lungs than the larger particulates and are often made up of heavy metals and carcinogens, fine particulates are considered to pose a greater risk to health.

Exposure to particulate matter has been linked to a variety of adverse health effects, such as respiratory problems (for example coughing, aggravated asthma, chronic bronchitis), lung damage and non-fatal heart attacks. Furthermore, if the particles contain toxic materials (such as lead, cadmium, zinc) or live organisms (such as bacteria or fungi), toxic effects or infection can occur from inhalation of the dust.

In addition to the respiratory health impacts from fine particulate matter suspended in air, dust can cause nuisance impacts by settling on surfaces and possessions. Dust deposition is the result of suspended particles settling out of suspension. Dust deposition is a common cause of complaints, particularly due to staining of clothes (hanging on washing lines) and deposition on vehicles and window sills. Deposition on surfaces that feed into water storage can also result in contamination of potable water supplies.

For large sources or intensive activities generated dust can affect visibility. There are methods to measure and assess visibility, including the Ringelmann scale developed in 1987. Plume visibility is not assessed in detail in this assessment as it is expected that industry standard mitigation measures will prevent significant visibility impacts occurring.

The nature of the emissions from the coal wagons (laden and unladen) is fugitive i.e. the emissions are not released through an easily quantifiable source, such as a vent or stack. The primary mechanism for coal dust lift-off from coal wagons is the movement of air over uncovered laden wagons. *Environmental Evaluation of Fugitive Coal Dust Emissions from Coal Trains* (Connell Hatch, 2008) explains that airflow across the wagon can move particles by three transport modes: suspension, saltation and surface creep, described as follows:

- Suspension: particles that are less than 75 µm in size (TSP, PM_{10} and $PM_{2.5}$) are small enough to become suspended in the airflow and transported off the wagon
- Saltation: particles from 75 to 500 µm in size (TSP) move and bounce in the layer close to the interface between the coal surface and the flow of air
- Surface creep: particles from 500 to 1000 µm in size move by surface creep propelled by wind and the impact of particles moving by saltation.

Connell Hatch (2008) state that PM_{10} is generally found to 50 per cent of TSP, but no composition percentage is provided for $PM_{2.5}$. Further discussion on the estimation of $PM_{2.5}$ composition is provided in Section 4.4.1.

Particulate emissions from coal trains travelling along the alignment have been included in the assessment. In comparison to train travel, fugitive particulate emissions from coal trains stopped at crossing loops will be negligible due to the reduced wind speed and have not been assessed in detail.

2.4.2 Nitrogen oxides

Nitrogen dioxide (NO_2) is a brownish gas with a detectable odour. It exists in the atmosphere in equilibrium with nitric oxide (NO). The mixture of these two gases (and some other minor nitrogen and oxygen gas mixtures) is commonly referred to as nitrogen oxides, or NO_x. Nitrogen oxides are a product of combustion processes. In urban areas, motor vehicles and industrial combustion processes are the major sources of ambient nitrogen oxides.

Short term exposure to low levels of NO_2 can irritate the eyes, nose, throat and lungs, possibly leading to coughing, shortness of breath, tiredness and nausea. Short term exposure to high levels of NO_2 can cause rapid burning, spasms and swelling of tissues in the throat and upper respiratory tract, reduced oxygenation of tissues, and build-up of fluid in the lungs. Long-term exposure to high levels of NO_2 can cause chronic health effects including lung disease.

Sensitive populations, such as the elderly, children, and people with pre-existing health conditions are most susceptible to the adverse effects of NO_2 exposure. Long term exposure to NO_2 can also cause damage to plants, especially in the presence of other pollutants such as ozone and SO_2. Nitrogen oxides are also primary ingredients in the reactions that lead to photochemical smog formation.

2.4.3 Carbon monoxide

Carbon monoxide (CO) is a colourless, odourless gas produced by the incomplete combustion of fuels containing carbon (e.g. oil, gas, coal and wood). CO is absorbed through the lungs of humans, where it reacts to reduce the blood's oxygen-carrying capacity. In urban areas, motor vehicles account for up to 90 per cent of all CO emissions.

Short term inhalation of relatively low levels of CO (200 particles per million (ppm) for 2 to 3 hours) can cause headaches, dizziness, light-headedness and fatigue. Short term exposure to higher concentrations (400 ppm) of carbon monoxide can cause sleepiness, hallucinations, convulsions, collapse, loss of consciousness and death. Long term exposure to low levels of CO can result in heart disease and damage to the nervous system, whilst long term exposure of pregnant women to CO may result in low birth weights and other birth defects.

Concentrations of CO normally present in the atmosphere are unlikely to cause ill effects and therefore have not been considered in the assessment.

2.4.4 Sulphur dioxide

Sulfur dioxide (SO_2) is a colourless gas with a sharp, irritating odour. It is formed in combustion processes through burning fossil fuels containing sulphur. SO_2 may be oxidised in the atmosphere to form sulfuric acid, which contributes to acid rain.

SO_2 is also an irritant gas that can cause respiratory tract infections. People with pre-existing respiratory conditions such as asthma are most sensitive to SO_2 exposure. The simultaneous presence of airborne particulate matter can compound these effects. SO_2 and its aerosols can also damage vegetation and some materials.

SO_2 in low concentrations is a common pollutant in cities and some industrial environments. Higher exposure to SO_2 is typically limited to workplace environments where it is produced as a by-product. Short term exposure (5 to 15 minutes) to concentrations of 10 to 50 ppm causes irritation of the eyes, nose and throat, choking and coughing.

The study assumes low sulphur content fuel as per the requirements of Australian federal legislation Department of Agriculture Water and the Environment (DAWE) (formerly Department of Environment and Energy) *Fuel Quality Standards Act 2000* (DoEE 2000). The regulation of low sulphur content fuel in Australia has significantly decreased the generation and concentrations of SO_2 near transport sources and concentrations are typically well below the relevant air quality goals. Due to the low likelihood of significant impact, SO_2 has not been considered in this assessment.

2.4.5 Volatile organic compounds

Organic compounds with a vapour pressure at 20°C exceeding 0.13 kilopascals are referred to as volatile organic compounds (VOCs). VOCs can be a major precursor in the production of photochemical smog, which causes atmospheric haze, eye irritation, and respiratory problems. VOCs are commonly emitted from vehicle exhausts. Three primary VOCs (benzene, toluene and xylenes) are components of petroleum and diesel fuel and are typically the focus for assessments of engine combustion emissions.

2.4.5.1 Benzene

Benzene is an airborne substance that is a precursor to photochemical smog. Benzene exposure commonly occurs through inhalation of air containing the substance. It can also enter the body through the skin, although it is poorly absorbed this way. Low levels of benzene exposure result from car exhausts. Benzene is a toxic health hazard and a known carcinogen. It has long-term and highly acute toxic effects on aquatic life. It can cause death in plants and roots and damage to the leaves of many agricultural crops, however normal environmental concentrations of benzene are unlikely to damage plants (Scottish Environment Protection Agency 2016). Human exposure to very high levels for even brief periods of time can potentially result in death, while lower level exposure can cause skin and eye irritation, drowsiness, dizziness, headaches and vomiting, damage to the immune system, leukaemia and birth defects.

2.4.5.2 Toluene

Toluene (methylbenzene) is a highly volatile chemical that quickly evaporates to a gas if released as a liquid. Due to relatively fast degradation, toluene emissions are usually confined to the local area in which it is emitted. Human exposure typically occurs through breathing contaminated air, but toluene can also be ingested or absorbed through the skin (in liquid form). Toluene usually leaves the body within twelve hours.

Short-term exposure to high levels of toluene can cause dizziness, sleepiness, unconsciousness and sometimes death. Long-term exposure can cause kidney damage and permanent brain damage that can lead to speech, vision and hearing problems, as well as loss of muscle and memory functions. The substance can cause membrane damage in plant leaves and is moderately toxic to aquatic life with long-term exposure.

2.4.5.3 Xylenes

Xylenes are flammable liquids that are moderately soluble in water. They are quickly degraded by sunlight when released to air, and rapidly evaporate when released to soil or water. They are used as solvents and in petrol and chemical manufacturing.

Xylenes can enter the body through inhalation or skin absorption (liquid form), and can cause irritation of the eyes and nose, stomach problems, memory and concentration problems, nausea and dizziness. High-level exposure can cause death. The substances have high acute and chronic toxicity to aquatic life and can adversely affect crops.

2.4.6 Polycyclic aromatic hydrocarbons

Polycyclic aromatic hydrocarbons (PAHs) are a group of over 100 chemicals, which are formed through the incomplete combustion of organic materials, such as petrol. Exposure to these chemicals can cause a range of adverse reactions, including irritation of the eyes, nose and throat and skin. Exposure to very high levels can result in symptoms such as headaches, nausea, damage to the liver and kidneys, and damage to red blood cells. A number of PAHs are declared to be probable or possible carcinogens to humans by the International Agency for Research on Cancer.

PAHs can attach to dust particles and be transported through the air. The compounds break down over days or weeks through chemical reactions in the atmosphere.

PAHs are moderately or highly acutely toxic to birds and aquatic organisms and moderately/highly chronic toxicity to aquatic life. Some of these compounds are known to cause damage and death to crops. PAHs can bioaccumulate and are moderately persistent in the environment.

2.4.7 Dioxins

Dioxins form part of a group of chemicals known as persistent organic compounds, which are of concern due to their highly toxic potential. Exposure in the long terms can cause cancer, and impairment of the endocrine, immune, and reproductive systems. Dioxins can bioaccumulate within animals in the environment and tends to accumulate in fat.

Emissions of dioxins will occur as a result of fuel combustion in trains, motor vehicles and mobile plant. An inventory of dioxin emission sources in Australia in 2002 was prepared by the Department of the Environment and Heritage (DEH) (2004). The inventory determined that transport was a minor source of dioxins, contributing less than 2 per cent of total emissions.

Based on the rural location of the Project it is expected that existing background concentrations of dioxins will be low, and therefore a background concentration of zero has been assumed for the assessment. It is considered unlikely that emissions from the Project have the potential to result in significant impacts or exceedance of the relevant air quality goals for dioxins.

2.4.8 Trace metals

Heavy metals such as cadmium, lead, and mercury are common air pollutants that are typically emitted from industrial activities and fuel combustion. Exposure to heavy metals can result in a range of health impacts, including kidney and bone damage, developmental and neurobehavioral disorders, elevated blood pressure and potentially even lung cancer.

Long-term exposures to cadmium can cause anaemia, fatigue and loss of the sense of smell. Short term high exposures to cadmium can cause rapid lung damage, shortness of breath, chest pain, and a build-up of fluid in the lungs. Cadmium is a “probable carcinogen”.

Lead can affect a wide variety of organs in the body, but mostly affects the nervous system. Exposure to lead may also cause paralysis in fingers, wrists or ankles and can cause small increases in blood pressure and may cause anaemia, malnutrition, abdominal pain and colic. High levels of lead can severely damage the brain and kidneys in adults and may cause death.

Exposure to high levels of any types of mercury can permanently damage the brain, kidneys, and developing foetus. Effects on brain functions may result in irritability, shyness, tremors, changes in vision or hearing and memory problems. High exposures of mercury vapour may cause chest pain, shortness of breath, and a build-up of fluids in the lungs that can be fatal.

Very minor emissions of trace metals will occur as a result of fuel combustion in trains, motor vehicles and mobile plant. As such, cumulative concentrations of trace metals at sensitive locations are expected to be well below relevant air quality goals and are not expected to cause a significant impact, but have been considered in the assessment.

2.4.9 Ozone

Ozone is not emitted directly from fuel combustion, but rather is a secondary pollutant formed via chemical reaction of other pollutant species (primarily NO_X and VOCs) in the local atmosphere.

Ozone is a short-term lung irritant, affects lung function and can worsen asthma. Short term exposure to ozone can cause difficulty in breathing, coughing, and throat irritation if exercising outdoors when ozone levels are high.

Assessment of the formation of ozone and other secondary pollutants has not been considered in this assessment.

2.4.10 Odour

Odour emissions can be either a single compound or a mixture of compounds that have the potential to affect environmental amenity and cause nuisance. Potential sources of odour from the Project include agricultural freight trains, fuel storage and wastewater odour from small scale sewage treatment.

2.4.10.1 Agriculture freight trains

Odour emissions may arise from agriculture freight trains (e.g. livestock) travelling along the alignment, including while stopped at crossing loops. Specifically, for livestock trains where many animals are transported in confined spaces an accumulation of odours can occur, which are generally associated with the decomposition of animal waste and/or feedstuffs. Odour can become an issue if pens and feeding areas are not cleaned regularly and if waste is allowed to accumulate.

2.4.10.2 Fuel storage

Fuel storage has the potential to impact nearby sensitive receptors due to the emission of VOCs and odour. Potential impacts from fuel storage have been considered in this assessment.

2.4.10.3 Sewage treatment

Portable toilet facilities will be located along the alignment during construction for workers. A suitably qualified contractor will be engaged for the removal and transport of the sewage to an approved off-site treatment facility.

Sewage produced from the tunnel control centre will be drained to a sewage holding tank as there are no conventional nearby sewage catchments nor enough waste to justify on-site sewage treatment. The sewage holding tank will provide a means of temporarily storing sewage for subsequent removal and transport to an approved off-site treatment facility. It is expected that industry standard construction, operation and maintenance of the sewage holding tanks will avoid odour impacts at sensitive receptors and has not been considered further.

3 Relevant legislation

The relevant legislation and policy instruments considered in the assessment of air quality are:

- *Environmental Protection Act 1994* (Qld) (EP Act)
- *Environment Protection Regulation 2019* (Qld) (EP Regulation)
- *Environmental Protection (Air) Policy 2019* (Qld) (EPP (Air))
- *National Environment Protection (Ambient Air Quality) Measure* (Cth) (Air Quality NEPM)
- *National Environment Protection (Air Toxics) Measure* (Cth) (Air Toxics NEPM)
- *Australian Drinking Water Guidelines 2011* (NHMRC 2018) (discussed in Section 4.5.4)
- *Application requirements for activities with impacts to air (ESR/2015/1839)* (DES 2019)
- *Policy for Development on Land Affected by Environmental Emissions from Transport and Transport Infrastructure Version 4 2017* (Department of Transport and Main Roads (DTMR) 2017).

3.1 Environmental Protection Act 1994 and Environmental Protection Regulation 2019

The EP Act is intended to protect QLD's environment while allowing for development that improves total quality of life, now and in the future, by encouraging ecologically sustainable development. There are several policies under the EP Act that govern the requirement for management of some environmental issues such as noise, air and water. The EP Act regulates environmentally relevant activities (ERA) under the EP Regulation, with some of these activities requiring an environmental authority to operate. The EP Act also outlines primary duties which are applicable to everyone in QLD, including general environmental duty, which states that "*a person must not carry out any activity that causes or is likely to cause environmental harm, unless measures to prevent or minimise the harm have been taken*".

There are several policies under the EP Act that govern the requirement for management of environmental issues such as noise, air and water. These policies determine objectives to be achieved in various environments with reference to sensitive receptors. One of these, the EPP (Air) must be considered for the AQIA.

3.2 Environmental Protection (Air) Policy 2019

The EPP (Air) was prepared by the QLD Government with the purpose to achieve the object of the EP Act in relation to the air environment. Air quality objectives are provided in the EPP (Air) as indicators for identifying environmental values of the air environment that are enhanced or protected. It does not apply to workplaces and the air quality objectives set out in the EPP (Air) are intended to be progressively achieved over the long term. A summary of the air quality objectives relevant to the Project is provided in Table 3.1.

The EPP (Air) recommends different strategies to control emissions for different types of activities, including:

- Identifying environmental values to be enhanced or protected
- Stating indicators and air quality objectives for enhancing or protecting the environmental values
- Providing a framework for making consistent, equitable and informed decisions about the air environment.

The environmental values to be enhanced or protected under the EPP (Air) are the qualities of the air environment that are conducive to:

- **Human health and wellbeing**
- Protecting the **health and biodiversity of ecosystems**
- **Protecting agricultural use** of the environment, and

- Protecting the **aesthetics of the environment**, including the appearance of buildings, structures and other property.

The air quality objectives from the EPP (Air) (discussed in Section 3.6) have been adopted as air quality goals to assess the impact of the Project on the environmental values of the air environment.

3.3 National Environment Protection (Ambient Air Quality) Measure and National Environment Protection (Air Toxics) Measure

NEPM are broad framework-setting statutory instruments that outline agreed national objectives for protecting or managing particular aspects of the environment. The air quality of an environment is protected in by the Air Quality NEPM as amended in 2016. The Air Quality NEPM provides guidance relating to air in the external environment and does not include air inside buildings or structures.

The Air Quality NEPM outlines monitoring, assessment and reporting procedures for the following pollutants:

- PM_{10}
- $PM_{2.5}$
- Nitrogen dioxide
- Carbon monoxide
- Ozone
- Sulphur dioxide.

In addition to the Air Quality NEPM, the Air Toxics NEPM provides a framework for monitoring, assessing and reporting on ambient levels of air toxics. The purpose of this NEPM is to collect information to facilitate the development of standards for ambient air toxics.

The Air Toxics NEPM includes monitoring investigation levels for use in assessing the significance of monitored levels of air toxics with respect to human health. The monitoring investigation levels are levels of air pollution below which lifetime exposure, or exposure for a given averaging time, does not constitute a significant health risk. If these limits are exceeded in the short term, it does not mean that adverse health effects automatically occur; rather some form of further investigation by the relevant jurisdiction of the cause of the exceedance is required.

The Air Quality NEPM and Air Toxics NEPM standards are intended to be applied to air quality experienced by the general population in a region and not to air quality in areas in the region affected by localised air emissions, such as individual industrial sources or projects.

The goal of the Air Quality NEPM and Air Toxics NEPM is to achieve the recommended standards with the allowable exceedances, as assessed in accordance with the associated monitoring protocol, by 2008. The standards were set at a level intended to adequately protect human health and wellbeing. The standards in the Air Quality NEPM and Air Toxics NEPM relevant to the Project correspond to the EPP (Air) objectives protecting the health and wellbeing environmental values. The Air Quality NEPM standards relevant to the Project are consequently addressed in the air quality objectives in the EPP (Air).

3.4 Nuisance dust guideline

The deposition of larger dust particles can commonly cause nuisance in residential areas. Although no dust deposition objectives are prescribed in the EPP (Air), for site environmental licences and permits DES commonly set a guidance deposition rate of 120 milligrams per square metre per day (mg/m²/day) averaged over 1 month based on research into community complaints for coal related projects. Although this deposition limit is not a legislative requirement, it is frequently used in QLD (DES 2019) and is considered to be an appropriate criterion. For the purpose of the assessment a dust deposition goal of 120 mg/m²/month has been adopted.

3.5 Other guidelines

Not all compounds of interest are detailed in the aforementioned legislation or guidelines. As such, other sources have been utilised to provide air quality goals, which include the following:

- Brisbane City Council (BCC) *Air Quality Planning Scheme Policy* (AQPSP) (BCC 2014)
- NSW EPA *Approved methods for the modelling and assessment of air pollutants in NSW* (NSW EPA 2017)
- Environment Protection Authority Victoria (EPA Victoria) *Guideline for recommended separation distances for industrial residual air emissions* (EPA Victoria 2013).

The EPA Victoria, NSW EPA and the BCC documents are considered to be robust guidance policies and are considered appropriate for application in the assessment.

3.6 Air quality goals

The air quality goals and guidelines values shown in Table 3.1 have been applied as the air quality goals for the Project. Where air quality objectives for identified pollutants are not within the EPP (Air) and NEPM legislation, goals have been sourced from NSW EPA (2017) and the BCC AQPSP (BCC 2014).

The air quality goals in Table 3.1 have designated averaging periods. Some pollutants have goals expressed as annual average concentrations due to the chronic way in which they affect health or the natural environment (i.e. effects occur (long-term) after a prolonged period of exposure to elevated concentrations) and others have goals expressed as 24 hour, 1 hour or 30 minute average concentrations (short-term) due to the acute way in which they affect health or the natural environment (i.e. after a relatively short period of exposure). Some pollutants have standards expressed in terms of both long-term and short-term concentrations.

The air quality goals presented in Table 3.1 are ambient goals and require consideration of existing background air quality in addition to contributions from the Project. A cumulative impact assessment has been undertaken to assess compliance with the air quality goals. Further discussion of background air quality for the Project is provided in Section 5.3.

The dust deposition goal shown in Table 3.1 is a daily deposition rate (120 mg/m²/day), calculated using the deposition level predicted at a modelled receptor over an averaging period of one month.

The environmental values listed in Table 3.1 that are being protected by each air quality goal is listed for criteria from the EPP (Air) Policy and the NEPM legislation. The environmental values protected through meeting these air quality goals include the following:

- Health and wellbeing
- Protection aesthetic environment.

The EPP (Air) also includes air quality objectives to protect the environmental values of the health and biodiversity of ecosystems and to protect agriculture. Pollutants which have objectives to protect the health and biodiversity of ecosystems include fluoride, NO_2, O_3 and SO_2. Fluoride, O_3 and SO_2 also have objectives to protect agriculture.

Fluoride, O_3 and SO_2 are not pollutants of concern for the assessment (refer Section 2.4) and therefore the impact of these pollutants on the health and biodiversity of ecosystems and on agriculture does not require consideration. The EPP (Air) does have a NO_2 air quality objective for the health and biodiversity of ecosystems. As discussed in Section 5.6, there are no protected areas under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a world heritage area which are considered sensitive to air quality within the AQIA study area, and therefore the impact of NO_2 on the health and biodiversity of ecosystems has not been considered.

Although there is no prescribed air quality objective, deposited dust is considered to be a source of potential impact on agricultural crops and livestock, through the potential to inhibit plant growth or impair livestock development.

Research on vegetation response to dust deposition impact (Doley 2003) has shown that, for sunny conditions, a dust deposition rate of up to 15 g/m²/month (or 500 mg/m²/day) is unlikely to have a detectable effect on crop growth and it is not until a deposition rate of up to 30 g/m²/month (or 1,000 mg/m²/day) occurs that there is a measurable reduction in crop growth under overcast conditions.

Livestock research on dairy cows (Andrews & Skriskandarajah 1992) has also shown that a dust deposition rate of up to 120 g/m²/month (or 4,000 mg/m²/day) does not influence the amount of feed cattle eat or the amount of milk produced. These dust deposition levels have been considered in the assessment of the operational phase of the Project to assess the potential for impact to agriculture.

Table 3.1 Proposed air quality goals

Pollutant	Air quality goal (µg/m³)	Averaging period	Environmental value	Source
NO_2	250	1 hour[a]	Health and wellbeing	EPP (Air)
	62	Annual	Health and wellbeing	EPP (Air)
TSP	90	Annual	Health and wellbeing	EPP (Air)
PM_{10}	50	24 hours	Health and wellbeing	EPP (Air)
	25	Annual	Health and wellbeing	EPP (Air)
$PM_{2.5}$	25	24 hours	Health and wellbeing	EPP (Air)
	8	Annual	Health and wellbeing	EPP (Air)
Arsenic and compounds (measured as the total metal content in PM_{10})	6 ng/m³	Annual	Health and wellbeing	EPP (Air)
Cadmium and compounds (measured as the total metal content in PM_{10})	5 ng/m³	Annual	Health and wellbeing	EPP (Air)
Lead and compounds (measured as the total metal content in TSP)	0.5	Annual	Health and wellbeing	EPP (Air)
Nickel and compounds (measured as the total metal content in PM_{10})	22 ng/m³	Annual	Health and wellbeing	EPP (Air)
Chromium (III) compounds (as PM_{10})	9	1 hour	-	NSW EPA
Chromium (VI) compounds (as PM_{10})	0.1	1 hour	Screening health risk assessment	BCC AQPSP
	0.01	Annual	Screening health risk assessment	BCC AQPSP
1,3-butadiene	2.4	1 hour	Health and wellbeing	EPP (Air)
Benzene	5.4	Annual	Health and wellbeing	EPP (Air)
Toluene	1,100	30 minutes	Protecting aesthetic environment	EPP (Air)
	4,100	24 hours	Health and wellbeing	EPP (Air)
	400	Annual	Health and wellbeing	EPP (Air)
Xylenes	1,200	24 hours	Health and wellbeing	EPP (Air)
	950	Annual	Health and wellbeing	EPP (Air)

Pollutant	Air quality goal (µg/m^3)	Averaging period	Environmental value	Source
Benzo(a)pyrene (as a marker for polycyclic aromatic hydrocarbons)	0.3 ng/m^3	Annual	Health and wellbeing	EPP (Air)
Polychlorinated dioxins and furans	3.0 x 10^{-8}	Annual	Screening health risk assessment	BCC AQPSP
Dust deposition	120 mg/m^2/day	Monthly[c]	Nuisance	DES Recommended[c]

Table notes:

µg/m³ microgram per cubic metre
ng/m^3 nanogram per cubic metre
mg/m^2/day milligram per square metre per day

a Not to be exceeded more than one day per year

b The 2019 version of the EPP (Air) does not allow for any exceedances of the 24 hour goal for PM_{10}. The 2008 version of the EPP (Air) allowed for exceedances for five days per year and therefore air quality assessments previously considered the 6th highest PM_{10} 24 hour average. As there are no exceedances allowed in the 2019 version of the EPP (Air), the maximum predicted PM_{10} 24 hour concentration has been considered in the assessment rather than the 6th highest.

c Not legislative but adopted for the Project, refer Section 3.4

4 Assessment methodology

The AQIA methodology for the Project includes the following key elements:

- Qualitative risk based assessment for the construction phase to estimate potential air quality impacts
- Consideration of potential commissioning phase sources and emissions is discussed in Section 4.3
- Primarily quantitative impact assessment for the operational phase to estimate potential air quality cumulative impacts. Some minor emissions sources are assessed qualitatively
- Potential for decommissioning phase impacts are discussed in Section 4.8
- Identification of mitigation and management measures
- Assessment of the residual impact with the inclusion of the identified mitigations.

Early engagement on the draft ToR resulted in the EIS including assessment of potential pollutants in water tanks against drinking water guidelines. Dust generation during construction and operation have also been key matters raised by stakeholders and the community, which has helped to inform the development of mitigation measures for both construction and operation. This includes consideration of both onsite construction activities and the movement of construction vehicles and equipment to and within the works areas. The methodology used to assess construction and operation impacts is described in this section.

4.1 AQIA study area and assessment domain

The AQIA study area is defined as the area within 2 km of the alignment, which is the proposed rail centreline. The assessment domain is defined as the regional area surrounding and including the AQIA study area. Air quality and meteorological monitoring data from locations outside the AQIA study area but within the assessment domain have been considered in this assessment.

The Project is located in South East Queensland (SEQ) and spans the Lockyer Valley and Ipswich local government areas. SEQ generally experiences a sub-tropical climate with distinct wet and dry seasons.

4.2 Construction air quality assessment

Construction emissions for large linear infrastructure projects are complex due to the number of construction activities, the distribution of sites across a large geographical area, and the transitory nature of many individual construction activities at particular locations. As such, the potential construction air quality impacts associated with the Project were assessed by describing the nature of proposed works, plant and equipment, potential emissions sources and levels. Potential dust impacts on surrounding sensitive receptors were determined through a qualitative risk assessment.

The highest proportion of construction emissions results from mechanical activity, e.g. material movement or mobile equipment travel, which typically generate coarser particulate emissions (PM_{10} and TSP). Airborne PM_{10} and deposited dust (TSP) are the main pollutants of concern for construction activities and these pollutant species are the focus of the assessment for construction dust.

Particulate matter less than 2.5 micrometres in diameter ($PM_{2.5}$) is typically emitted in minor quantities from material movement sources, and is more predominant from combustion point sources (i.e. combustion engines). Point source emissions of combustion gases (e.g. oxides of nitrogen (NO_x) and carbon monoxide (CO)) and $PM_{2.5}$ from diesel construction vehicles, mobile plant and generators will be significantly lower than particulate emissions from construction activities. Emissions of combustion gases and $PM_{2.5}$ are considered unlikely to result in exceedance of air quality goals or cause nuisance to sensitive receptors and therefore have not been assessed in detail. However, mitigation measures for these sources have been identified to minimise the potential for impacts on sensitive receptors.

The assessment methodology to be used for the construction air quality assessment is the *Guidance on the assessment of dust from demolition and construction* (UK IAQM 2014). The IAQM process is a four-step risk-based assessment of dust emissions associated with demolition, including land clearing and earth moving, and construction activities. The construction assessment steps are as follows:

- Step 1 – screening assessment: assess distance from receptors to active construction areas
- Step 2 – dust risk assessment: assess the dust emission magnitude (scale of activity) of the identified sources, determine the sensitivity of the surrounding area, and determine the risk of impacts if no mitigation is implemented
- Step 3 – management strategies: identify the mitigation measures required to minimise the risk of impacts to sensitive receptors, and
- Step 4 – reassessment: review the potential for residual impacts post mitigation.

The methodology of the IAQM risk assessment procedure is tailored specifically to the assessment of emissions to air from construction activities. The IAQM risk assessment method considers the sensitivity of the AQIA study area to air quality impacts based on separation distance and existing air quality, and the potential risk of adverse impacts based on the emissions magnitude of the construction activities. The IAQM method is considered the most appropriate risk assessment method for the assessment of construction impacts and has been used for the Project.

A breakdown of each step and the associated findings of the dust impact assessment are detailed in Section 6.

In addition to construction dust, odour and VOCs will be emitted as fugitive emissions from fuel tanks located at laydown areas. Impacts from fuel storage have been assessed in Section 6.2 following guidance from the AQPSP (BCC 2014) and EPA Victoria (2013).

Impacts from construction dust on water tank quality have been qualitatively assessed in Section 4.5.5.

Detailed dispersion modelling of construction is not typically undertaken as construction activities are difficult to forecast accurately and emissions are typically well controlled by industry standard best practice measures and mitigation controls. The qualitative assessment method applied for the assessment of construction phase impacts is considered appropriate for the Project and is consistent with industry standard methodology.

4.3 Commissioning phase air quality assessment

The commissioning phase of the Project will involve testing and checking the rail line and communication and signalling systems to ensure that all systems and infrastructure are designed, installed and operating according to ARTC's operational requirements. All rail system commissioning activities will be undertaken in accordance with an approved test and commissioning plan developed by the construction contractor and approved by ARTC.

Air emissions during the commissioning phase of the Project are anticipated to be minor and are expected to be limited to combustion engine emissions from transport vehicles and train locomotives and limited dust emissions from vehicle travel on unsealed roads.

In regard to train travel on the line, emissions from the commissioning phase of the Project will be significantly lower than emissions during the operational phase. Air emissions from the commissioning phase of the Project are expected to be insignificant and are considered unlikely to generate nuisance or risk exceedance of the Project air quality goals and therefore have not been assessed.

4.4 Operation air quality assessment

This section outlines the approach taken to the modelling and assessment of the operational air quality implications of the Project, including:

- Emissions inventory and assessment assumptions
- The dispersion modelling methodology, including the software packages and meteorological data used, the scenarios assessed and model inputs
- The air emission sources included in the modelling
- The source parameters used in the modelling
- The use of terrain and land use data
- The method applied for the conversion of NO_x to NO_2
- Limitations of the assessment.

The meteorological data used in the assessment is discussed in Sections 4.4.2 and 5.2, with additional data also presented in Appendix A.

Detailed discussion of the dispersion models used in the assessment is provided in Appendix B.

4.4.1 Emissions inventory

To quantify the emissions for diesel locomotives and coal wagons an emissions inventory was developed. The key pollutants of interest included in the emissions inventory for diesel locomotives and coal wagons are TSP, PM_{10}, $PM_{2.5}$, NO_x and VOCs. The emissions inventory was based on the engine type, rail traffic quantities and the speed (both in terms of engine emissions and surface friction velocity on the coal wagons).

The methodology used to develop the emissions inventory for the assessment is discussed in this section. Further information and an example of the final emissions inventory for peak operations is provided in Appendix C.

4.4.1.1 Diesel locomotive emissions

Emission factors

The power rating (kilowatts (kW)) and rated emission standard for each locomotive considered in the assessment are consistent with the Project ventilation design. Emission factors have been sourced from emissions testing completed on locomotives by the NSW EPA and rated emission standards published by the US EPA and EMEP/EEA as discussed in Section 2.3. The US EPA and EMEP/EEA emission factors are the most accurate source of available emissions data for the locomotives and are considered appropriate for use in the assessment. Table 4.1 presents the referenced emissions factors on a grams per kilowatt hour basis (g/kWhr).

Table 4.1 Locomotive emissions factors

Locomotive	NR Class		SCT/LDP	82 Class	PR22L
	Cycle weighted	Idling			
Locomotive Max Power (kW)	2,917		3,350	2,425	1,640
Rated Emission Standard	US EPA – Tier 0	-	US EPA – Tier 1	US EPA – Tier 0	EURO IIIA
Total Particulates (g/kWhr)	0.101	1.09	0.60	0.8	0.20
NO_x (g/kWhr)	16.6	43.7	9.92	12.74	6.00

Locomotive	NR Class		SCT/LDP	82 Class	PR22L
	Cycle weighted	Idling			
Total Hydrocarbons (THC)[a] (g/kWhr)	0.519	4.66	0.74	1.34	0.50
Source	US EPA Emissions Limits – Line Haul Locomotives	Diesel Locomotive Fuel Efficiency & Emission Testing Report (ABMARC 2016) for NSW EPA (NR121 & 93 Class)	US EPA Emissions Limits – Line Haul Locomotives		EU Emissions Standards – Nonroad Engines

Table notes:

a VOCs are a subset of THC. For this assessment 100 per cent of THC emissions are assumed to be VOCs.

Engine power and notch setting

In diesel locomotive operation, engine power is determined by the notch setting, which ranges from notches one through to eight (Spiryagin M, et al. 2016). During normal operation a diesel locomotive will progress through the notch settings to accelerate to the required rail line speeds. The locomotive would then operate at a certain notch setting that is dependent on the power output required to maintain the required rail speed.

The engine power at each notch setting differs greatly, for example, the power rating at notch eight is equivalent to 100 per cent of the maximum locomotive engine power. Whereas, at notch four the engine power would be closer to 35 per cent of maximum locomotive engine power (Spiryagin M, et al. 2015). Therefore it is important to know the power ratings and time speed at each notch setting to provide an accurate estimate of diesel locomotive emissions.

Power ratings for each notch setting for the proposed diesel locomotive engines were not available at the time of the assessment; therefore, a review of literature was completed. The notch setting and percentage of engine power for each setting as obtained via literature review is summarised in Table 4.2.

Table 4.2 Power ratings for locomotive notch settings or operating mode from various sources

Notch setting or operating mode	Percentage of maximum locomotive engine power					
Source	Spiryagin et al (2016)[a.]	Spiryagin et al (2015)	StarCrest Consulting Group (2008)	Therma-Dynamics Rail LLC (2014)	Kim et al (2017)	Casadei & Maggioni (2016)
Idle	0.0 per cent	0.0 per cent (0 kW)	0.8 per cent (14 hp)	2.2 per cent (69 hp)	9.1 per cent (216 kW)	**2.3 per cent (74.6 bhp)**
Dynamic Braking	-	-	**3.6 per cent (67 hp)**	0.5 per cent (17 hp)	-	-
Notch 1	1.6 per cent	**4.8 per cent (133 kW)**	0.19 per cent (83 hp)	3.3 per cent (105 hp)	15.7 per cent (370 kW)	-
Notch 2	6.3 per cent	**10.7 per cent (294 kW)**	13.5 per cent (249 hp)	12.5 per cent (395 hp)	24.4 per cent (576 kW)	11.2 per cent (359 bhp)
Notch 3	14.1 per cent	**24.1 per cent (665 kW)**	26.4 per cent (487 hp)	21.7 per cent (686 hp)	34.3 per cent (810 kW)	-
Notch 4	25.0 per cent	**34.3 per cent (945 kW)**	39.9 per cent (735 hp)	32.7 per cent (1,034 hp)	46.0 per cent (1,086 kw)	33.0 per cent (1057 bhp)
Notch 5	39.1 per cent	**45.4 per cent (1253 kW)**	54.4 per cent (1,002 hp)	46.2 per cent (1,461 hp)	55.7 per cent (1,316 kW)	-
Notch 6	56.3 per cent	**66.0 per cent (1820 kW)**	68.8 per cent (1,268 hp)	62.4 per cent (1,971 hp)	67.2 per cent (1,589 kW)	59.1 per cent (1,895 bhp)

Notch setting or operating mode	Percentage of maximum locomotive engine power					
Notch 7	76.6 per cent	**87.1 per cent (2400 kW)**	85.2 per cent (1,570 hp)	84.2 per cent (2,661 hp)	83.9 per cent (1,983 kW)	-
Notch 8	100 per cent	**100 per cent (2757 kW)**	100 per cent (1,843 hp)	100 per cent (3,159 hp)	100 per cent (2,363 kW)	100 per cent (3,206 bhp)

Table notes:

a Based upon the calculation method in Spiryagin et al (2016) for notch power for diesel engine heavy haul operations – $P_n = (n^2/64) * P_{rated}$; Where P_n is the notch power; P_{rated} is the rated power in notch 8; and n is the discrete notch numbers, which takes a range from zero to eight.

Bold values represent adopted notch setting and operating mode percentages

Units: kW = kilowatts, hp = horsepower, bhp = brake horsepower

Spiryagin et al (2016) provides a calculation method which follows a square-law relationship to estimate engine power at the eight engine notch settings. As an example, the Spiryagin et al (2016) study uses engine power capabilities referenced from earlier work (Spiryagin et al 2015) to estimate engine power. The Spiryagin et al (2016) calculation method provides a procedure to estimate notch engine power in lieu of actual measured data. However, the calculated notch engine power is lower than all other referenced sources as shown Table 4.2.

Notch power ratings cited by Kim et al (2017) are greater than all other sources, especially for idling which is 9.1 per cent of maximum rated power, 3.9 times higher than the next highest idling power usage. However, the Kim et al (2017) study investigated locomotives specific to Korea, and in combination with the relative high-power rating locomotives assessed, the results of this study were not considered suitable for the calculation of duty cycle power ratings for the Project.

Power ratings presented by Therma-Dynamics Rail LLC (2014) were lower than most sources at almost all notch settings.

The notch engine power values from Spiryagin et al (2015) are higher than all other sources at notch seven and comparable at all other notches. The notch power ratings presented were for a line haul diesel locomotive with a total maximum power of 2,757 kW, which is similar to the engine power of the locomotives proposed for the Project. Due to the similarity in locomotive engine power, notch settings from Spiryagin et al (2015) were used in calculating duty cycle power ratings for the Project for train travel.

For the literature reviewed, engine idling power ranged from zero per cent (Spiryagin et al. 2015) to 9.1 per cent (Kim et al. 2017). Cassadei and Maggioni (2016) presented the second highest idling power usage at 2.3 per cent of maximum engine power which was considered appropriate for adoption for the assessment as it was based on engine testing of diesel locomotives.

Limited information was available from literature with respect to engine power during dynamic braking. From the information available, the higher engine power percentage of 3.6 per cent (StarCrest Consulting Group 2008) was adopted for duty cycle calculations.

Table 4.3 summarises the adopted notch setting, and operating mode percentages of maximum engine power utilised to calculate average duty cycle power ratings.

Table 4.3 Adopted notch setting and operating mode power rating percentages

Notch setting or operating mode	Adopted percentage of maximum engine power (per cent)	Source
Idle	2.3	Casadei & Maggioni (2016)
Dynamic Braking	3.6	StarCrest Consulting Group (2008
Notch 1	4.8	Spiryagin et al (2015)
Notch 2	10.7	
Notch 3	24.1	
Notch 4	34.3	

Notch setting or operating mode	Adopted percentage of maximum engine power (per cent)	Source
Notch 5	45.4	
Notch 6	66.0	
Notch 7	87.1	
Notch 8	100	

In terms of time spent at each engine notch setting or operating mode, no data was available at the time of assessment. As such, data from US rail operation was utilised to provide a basis for average duty cycle power ratings. Table 4.4 presents US EPA data from Ireson, Germer, and Schmid (2005), which represents duty cycle data for line haul and passenger diesel locomotives in the US.

Table 4.4 Duty-cycles for line haul and passenger locomotives in the US (percentage time in notch)

Notch setting/operating mode	Line haul (per cent)
Idle	38.0
Dynamic Braking	12.5
Notch 1	6.5
Notch 2	6.5
Notch 3	5.2
Notch 4	4.4
Notch 5	3.8
Notch 6	3.9
Notch 7	3.0
Notch 8	16.2

The line haul data represents analysis from 63 line-haul trains and 2,475 operational hours. As proposed, the rail traffic for Inland Rail and the Project will be primarily freight and coal trains, the line haul duty cycle percentages are considered most applicable.

Using the data presented in Table 4.1, Table 4.3 and Table 4.4, average hourly power consumption rates were calculated for idling and operating locomotives, with the calculated rates presented in Table 4.5.

Table 4.5 Locomotive power usage

Power	NR Class	SCT/LDP	Class 82	PR22L
Maximum power (kWhr)	2,917	3,350	2,425	1,640
Calculated duty cycle (kWhr)	823	945	684	463
Idle (kWhr)	68	78	56	38

Travel speed

Table 4.6 presents the maximum travel speeds along the Project alignment. Class 82 trains speeds were not known at the time of the assessment and have been assumed to travel at the same speed of the PR22L locomotives. Average line speeds were estimated to be 75 per cent of the maximum design line speeds along the alignment.

Table 4.6 Locomotive travel speeds

Power	Direction of travel	NR Class	SCT/LDP	Class 82	PR22L
Maximum design line speed (km/hr)	East	115	115	80	100
	West	115	115	80	80
Average line speed (km/hr)	East	86	86	60	60
	West	86	86	60	60

Total engine power

The following equation represents the calculation method used to determine the total locomotive power per hour for the entire alignment.

$$P_{total} = \sum^{loco} (P_{loco} \times d \times v_{loco} \times n_{loco})$$

Where:

- P_{total} is the total locomotive calculated power per hour for entire alignment (kWhr)
- P_{loco} is the calculated average duty cycle power for each locomotive type (kWhr)
- d is the rail track length of the Project alignment (km)
- v_{loco} is the average line speed of each locomotive type (km/hr)
- n_{loco} is the total number of locomotives of each train type per hour.

Emission rates

Pollutant diesel combustion emission rates were then calculated utilising the following parameters:

- For the typical scenario emissions have been calculated based on a total of 328 trains per week (approximately 47 trains per day) (refer Table 2.1)
- For the peak scenario emissions have been calculated based on a total of 402 trains per week (approximately 57 trains per day) (refer Table 2.1)
- Locomotive power usage has been adopted as presented in Table 4.5.

75 per cent of journey time was assumed to consist of travel time, with and 25 per cent of journey time assumed to consist of trains being stationary and idling in crossing loops (based on operational rail modelling).

The following equation calculates the pollutant emissions from locomotive traffic along the entire Project alignment.

$$ER_{pollutant} = \frac{[\sum^{loco}(P_{loco} \times EF_{pollutant})]}{3600 \times d}$$

Where:

- $ER_{pollutant}$ is the calculated pollutant emission rate for NO_x, TSP, PM_{10}, $PM_{2.5}$, CO, and total VOCs (g/m/s)
- P_{loco} is the total locomotive calculated power per hour for entire alignment (kWhr)
- $EF_{pollutant}$ is the pollutant emission factor as per Table 4.1 (g/kWhr)
- d is the rail track length of the Project alignment (m).

The following equation represents the calculation method to determine emissions from idling locomotives during normal assumed operation.

$$ER_{idle} = \left[\sum^{loco}\left(\frac{t_{loco}}{3} \times n_{loco} \times P_{loco}\right)\right] \times EF_{pollutant}$$

Where:

- ER_{idle} is the calculated pollutant emission rate for NO_x, TSP, PM_{10}, $PM_{2.5}$, CO, and total VOCs (g/s)
- t_{loco} is the locomotive travel time along the alignment without stopping. Idling time is assumed to be 25 per cent of the total travel time along the alignment, i.e. 1/3 of the non-stopping travel time of a locomotive to travel the alignment
- n_{loco} is the total number of locomotives of each train type
- P_{loco} is the total locomotive calculated power per hour for entire alignment from idling (kWhr)
- $EF_{pollutant}$ is the pollutant emission factor as per Table 4.1 (g/kWhr).

To determine continuous idling emissions from crossing loops, it was assumed that NR class locomotives would idle for periods up to or greater than 1 hour depending on the scenario modelled. As such, the idling emission rates were derived from the hourly idling locomotive power usage presented in Table 4.5, and the locomotive emission factors presented in Table 4.1.

Where emissions factors for specific pollutants of concern were not available, emission factors from the NPI *Emissions Estimation Manual for Railyards* (DEWHA 2008) and the EMEP/EEA air pollutant emission inventory guidebook 2016 (EMEP/EEA 2016a) were utilised. The referenced and speciated locomotive emissions factors are presented in Table 4.7.

The derived pollutant locomotive diesel emission rates are presented below in Table 4.8. The locomotive idling emissions rates are also presented, which are cumulative emissions from the four proposed crossing loops. The methodology for the assessment of emissions from the crossing loops is explained in Section 4.4.2.6.

Table 4.7 Locomotive emission factors and speciation

Pollutant	Emission factor	Units	Speciation percentage (per cent)	Source
Total suspended particulates				
PM_{10}	3.53	kg/kL	97.6	(DEWHA 2008)
$PM_{2.5}$	3.39	kg/kL	93.7	(DEWHA 2008)
Cadmium	0.01	g/tonne of fuel	0.0007	(EMEP/EEA 2016a)
Chromium	0.05	g/tonne of fuel	0.0033	(EMEP/EEA 2016a)
Copper	1.7	g/tonne of fuel	0.1118	(EMEP/EEA 2016a)
Nickel	0.07	g/tonne of fuel	0.0046	(EMEP/EEA 2016a)
Selenium	0.01	g/tonne of fuel	0.0007	(EMEP/EEA 2016a)
Zinc	0.03	g/tonne of fuel	0.0658	(EMEP/EEA 2016a)
Lead	0.0005	mg/kg of fuel	0.00003	(EMEP/EEA 2016b)
Arsenic	0.0001	mg/kg of fuel	0.00001	(EMEP/EEA 2016b)
Total hydrocarbons				
Non-methane VOCs	4.65	kg/tonne of fuel	100	(EMEP/EEA 2016a)
Benzo(a)pyrene (PAH)	0.03	g/tonne of fuel	0.0006	(EMEP/EEA 2016a)
Toluene	-	-	0.01	(EMEP/EEA 2016b)
m,p-xylenes	-	-	0.98	(EMEP/EEA 2016b)
o-xylenes	-	-	0.40	(EMEP/EEA 2016b)

Pollutant	Emission factor	Units	Speciation percentage (per cent)	Source
Benzene	-	-	0.07	(EMEP/EEA 2016b)
Polychlorinated dioxins and furans (toxic equivalence quotient)	8.35×10^{-11}	kg/kL		(DEWHA 2008)

Table 4.8 Derived pollutant diesel combustion emission rates

Pollutant	Total Project emissions (g/m/s)	Long term average Project idling emissions per crossing loop (g/s)[a]	Short term continuous Project idling emissions per crossing loop (g/s)[a]
NO_x	1.84×10^{-4}	0.222	4.944
TSP	5.94×10^{-5}	0.0055	0.123
PM_{10}	3.42×10^{-5}	0.0054	0.120
$PM_{2.5}$	1.26×10^{-5}	0.0052	0.116
Total VOCs	2.81×10^{-5}	0.024	0.527

Table note:

a Explanation of the scenarios modelled (long term and short term) for the assessment of emissions from the crossing loops is provided in Section 4.4.2.6 and 4.4.2.7.

4.4.1.2 Fugitive coal dust

The nature of the emissions from the coal wagons (laden and unladen) is fugitive i.e. the emissions are not released through an easily quantifiable source, such as a vent or stack. The primary mechanism for coal dust lift-off from coal wagons is the movement of air over uncovered laden wagons; therefore, the surface area open to the wind plays a pivotal role in the amount of fugitive coal dust emitted.

For the purposes of the AQIA, it has been assumed that all coal trains operating on Inland Rail will utilise veneering to control coal dust emissions. Veneering is a best practice management measure currently applied in the Bowen Basin coal rail lines and on the West Moreton System rail corridor.

A detailed study into the surface wind speed across loaded wagons and their associated dust emissions has been carried out in *Environmental Evaluation of Fugitive Coal Dust Emissions from Coal Trains* (Connell Hatch 2008). The study also presents an equation to calculate the mass emission rate of coal dust from a moving laden wagon at a particular site, using the average wind speed at each modelling location, together with the train speed data for that site:

$$m = k_1 * v^2 + k_2 * v + k_3$$

Where:

- m is the mass emission rate of coal dust (as TSP) from the wagon surface in g/km/tonne of coal transported
- k_1 is a constant with a value of 0.0000378
- k_2 is a constant with a value of -0.000126
- k_3 is a constant with a value of 0.000063
- v is the air velocity over the surface of the train in km/hr.

This veneer acts as a binding agent to reduce the amount of surface lift-off of particulates from the laden wagons. *Environmental Evaluation of Fugitive Coal Dust Emissions from Coal Trains* (Connell Hatch 2008) suggested that a reduction in surface lift-off of up to 85 per cent was achievable through its application. Trials completed by the BNSF Railway Company and Union Pacific Railroad Company investigated the effectiveness of coal dust suppressants in the Powder River Basin. The trials looked at seven different chemical agents in suppressing coal dust emissions from 1,633 loaded trains. The trials found that *"… coal dust reductions ranged from 75 per cent to 93 per cent depending on the topical treatment used in the test"* (BNSF & Union Pacific 2010). A conservative assumption of 75 per cent reduction in the coal dust emission rates has been adopted in this assessment for laden coal trains with the inclusion of veneering.

Environmental Evaluation of Fugitive Coal Dust Emissions from Coal Trains (Connell Hatch 2008) also detailed that following unloading of the coal at the port or terminals, a small amount of residual coal typically remained in the wagon (approximately 0.13 tonnes (t) per wagon), which was transported back to the mine/s. In addition, parasitic loads were found to be located on the wagon sills, shear plates and bogies, which resulted in further fugitive emissions.

Although wagon washing is undertaken at some coal handling facilities (such as at the Jondaryn Load Out Facility), wagon washing is not undertaken at the Port of Brisbane and therefore it is expected that residual coal will remain in the wagons following unloading at the port. Therefore, an additional 0.13 t of coal per wagon was added to the proposed coal train payload of 85.9 t per wagon when developing the modelled particulate emission rates to account for residual coal in the wagons on return trips.

Coal dust emission rates for the rail were calculated utilising the following input parameters:

- A travel speed of 80 km/h for a laden coal train travelling along the alignment (maximum coal train speed for alignment). The travel speed was used as the wind speed when calculating the mass emission rate of coal dust.
- Application of veneer to coal wagons is expected to reduce emissions from between 75-85 per cent. It has been conservatively assumed that fugitive coal dust emissions will be reduced by 75 per cent based on field trials (Connell Hatch 2008).
- An average coal payload per train of 5,592 t (inclusive of 0.13 t residual coal per wagon)
- A conversion factor of 0.5 from TSP to PM_{10} (US EPA 1998)
- A conversion factor of 0.15 from PM_{10} to $PM_{2.5}$ (US EPA 1998) based on the particle size distributions for mechanically generated emissions from aggregate and unprocessed ores published in the US EPA *AP42 Compilation of Air Pollutant Emission Factors* (US EPA 1998). Particle size distribution data is not provided for coal, but size distributions for aggregate and unprocessed ores (15 per cent for $PM_{2.5}$) is considered acceptable in lieu of specific data for coal.

Modelling of coal dust emissions assumes that all coal trains travel at speed (80 km/hr) along the alignment, and do not slow down to access the crossing loops. Fugitive emissions of coal dust from trains at the crossing loops has not been modelled specifically. However, at lower wind speeds across the coal wagons, emissions are estimated to be considerably lower than the modelled travel speed of 80 km/hr. For example, fugitive emissions from a stationary coal train with an average 10 km/hr cross wind, the fugitive coal dust emissions represent 1.1 per cent of emissions from a coal train travelling at 80 km/hr. Coupled with the assumption that the coal trains travel at 80 km/hr for the entire alignment results in an conservative estimate of coal dust emissions, which adequately represents fugitive coal dust emissions from the crossing loops proposed in the Project.

Table 4.9 Derived coal dust emission rates

Pollutant[a]	Uncontrolled coal dust emissions (g/m/s) per train	Controlled coal dust emissions (g/m/s) per train	Total Project alignment controlled coal dust emissions (g/m/s)
TSP	2.14×10^{-6}	5.36×10^{-7}	4.99×10^{-5}
PM_{10}	1.07×10^{-6}	2.68×10^{-7}	2.49×10^{-5}
$PM_{2.5}$	1.61×10^{-7}	4.02×10^{-8}	3.74×10^{-6}

Table note:

a PM_{10} has been assumed to represent 50 per cent of TSP emissions, with $PM_{2.5}$ assumed to represent 15 per cent of PM_{10} emissions.

4.4.1.3 Fugitive dust from freight and livestock trains

Fugitive dust emissions from freight and livestock trains have not been modelled.

Grain and cotton freight is containerised and the freight of enclosed containers is considered to have minimal potential for fugitive dust emissions.

There is potential for emissions from livestock freight trains due to earth and soil being transported into the wagons by cattle. However, it is expected that this material would be removed from the wagons early during train travel and would not be transported along the alignment. The forecast volume of livestock trains (six trains per week for peak volumes in 2040, refer Table 2.1) is also low and overall fugitive dust emissions from livestock trains are not considered a significant source which require modelling.

4.4.1.4 Little Liverpool Range Tunnel portal emissions

Emissions from the Little Liverpool Range tunnel portals were calculated utilising specific parameters relevant to the tunnel, and are summarised as follows:

- Total tunnel length of 850 m
- Portal area of 100 m^2 at each end
- Laden coal trains travelling only in the northbound tunnel direction.

Table 4.10 presents the average train speeds for each of the groups of expected locomotive type, which is a result of the locomotive number and type per train, weight of trailing wagons, and gradient of the tunnel rail track. A weighted average was calculated based on the percentage of rail traffic expected to travel through the tunnel. Also, the average speeds are broken into “stopping” and “non-stopping” speeds, based on operational modelling of rail traffic travelling directly through the tunnel without stopping and for stopping at the crossing loops at each end of the tunnel.

Table 4.10 Little Liverpool Range tunnel average locomotive speeds (km/hr)

Train type	Non-stopping		Stopping	
	Eastbound	Westbound	Eastbound	Westbound
Superfreighter	43.7	24.4	39.7	24.0
Express	54.6	34.6	47.1	31.1
Coal	37.3	44.3	37.7	43.4
Agriculture-steel-containers	51.3	49.0	50.8	48.8
Weighted average	43.5	55.6	31.5	54.4

Table notes:

The weighted average speed has been calculated by multiplying the speed for each train by the ratio of that train type over the total number of trains travelling in that direction. For example, for non-stopping eastbound travel there are a total of 402 trains, comprised of: 80 Superfreighter trains (ratio of 0.20); 28 Express trains (ratio of 0.07); 186 Coal trains (ratio of 0.46); and 108 Agriculture trains (ratio of 0.27). The formula is therefore 43.7 km/hr x 0.20 + 54.6 km/hr x 0.07 + 37.3 km/hr x 0.46 + 51.3 km/hr x 0.27 = 43.5 km/hr.

Average duty cycle calculations from operational modelling of Little Liverpool Range tunnel rail traffic are presented for each train type in Table 4.11.

Table 4.11 Little Liverpool Range tunnel average power (kW) per train

Train type	Non-stopping		Stopping	
	Eastbound	Westbound	Eastbound	Westbound
Superfreighter	5,377	4,713	5,444	5,524
Express	6,603	7,494	7,729	7,478
Coal	4,454	4,399	4,458	4,405
Agriculture-steel-containers	3,594	4,308	3,700	4,275

Table 4.12 summarises the tunnel portal emissions utilising in the dispersion modelling, which include the cumulative sources of locomotive diesel combustion emissions and fugitive dust emissions from coal train wagons.

Table 4.12 Derived portal emissions

Pollutant	Eastbound emission rate (kg/hr)		Westbound emission rate (kg/hr)	
	Non-stopping	Stopping	Non-stopping	Stopping
NO_x	1.45	**1.50**	1.51	**1.56**
TSP	0.136	**0.137**	0.084	**0.088**
PM_{10}	0.105	**0.107**	0.082	**0.085**
$PM_{2.5}$	0.077	**0.080**	0.079	**0.082**
THC	0.214	**0.219**	0.212	**0.219**

The calculated stopping emission rates are higher than the non-stopping due to the longer in-tunnel durations and as such, were utilised in modelling as a conservative assumption.

As there is no mechanical venting of train emissions from the tunnel there will be minimal plume uplift due to mechanical turbulence. In the absence of ventilation temperature information, it has been assumed that there is no temperature differential between the plume and ambient air outside the tunnel, e.g. the plume will be at ambient temperature. This is a conservative assumption as it will model the plume as non-buoyant, resulting in decreased dispersion from the portal and higher concentrations at ground level.

4.4.1.5 Cumulative sources

Adjoining Inland Rail projects

To assess the cumulative impact of Inland Rail, the adjoining sections of the Inland Rail projects adjacent to the Project, namely the G2H and C2K sections, have been included in the dispersion modelling undertaken for the assessment of operational phase impacts.

One kilometre of the adjoining G2H and C2K sections has been modelled at either end of the Project alignment and background air quality considered in a cumulative impact assessment.

The emission rates used for the modelling of the G2H and C2K sections were assumed to be equivalent to that calculated for the Project, as these sections will operate the same trains.

No other projects required detailed modelling, and the contribution from other local sources is represented by the assumed background concentrations for the pollutants assessed.

Existing rail network traffic

The Project is located adjacent to the existing QR West Moreton System rail corridor for approximately 24 km. Emissions from trains operating on the existing QR West Moreton System rail corridor will currently be influencing the background air quality in the AQIA study area.

Emissions from existing train travel along the QR West Moreton System rail corridor have not been modelled as it has been assumed for the operational modelling scenarios that the existing services which currently use the QR alignment will travel along the Project alignment. The contribution from existing QR services is therefore included in the modelled project contribution to cumulative concentrations. Table 2.1 lists the train services which have been modelled in the assessment and identifies the services which are existing QR services.

It is highlighted that veneering is currently applied to coal trains which use the Bowen Basin coal rail lines and the West Moreton System rail corridor. Therefore, existing coal trains which currently use the QR West Moreton System rail corridor and are assumed for this assessment to use the Project will already implement veneering.

4.4.2 Modelling methodology

The air dispersion modelling conducted for this assessment was based on a modelling approach using TAPM as a meteorological pre-processor to the air dispersion models CALPUFF and the Graz Lagrangian Model (GRAL). The CALPUFF model was used primarily for the modelling assessment; however, for assessment of pollutant impacts from the Little Liverpool Range tunnel portal sources the GRAL model was utilised.

The data that was available for this Project and a discussion of the data processing methodologies that were required in order to implement both CALPUFF and GRAL are discussed in the following sections. The models are briefly described in the following sections with further details provided in Appendix B. The modelling was undertaken in accordance with relevant guidance documents and appropriate literature (NSW Department of Environment and Conservation 2005; Barclay & Scire 2011).

Figure 4.1 presents an overview of the modelling methodology which has been used for the assessment of operational phase impacts.

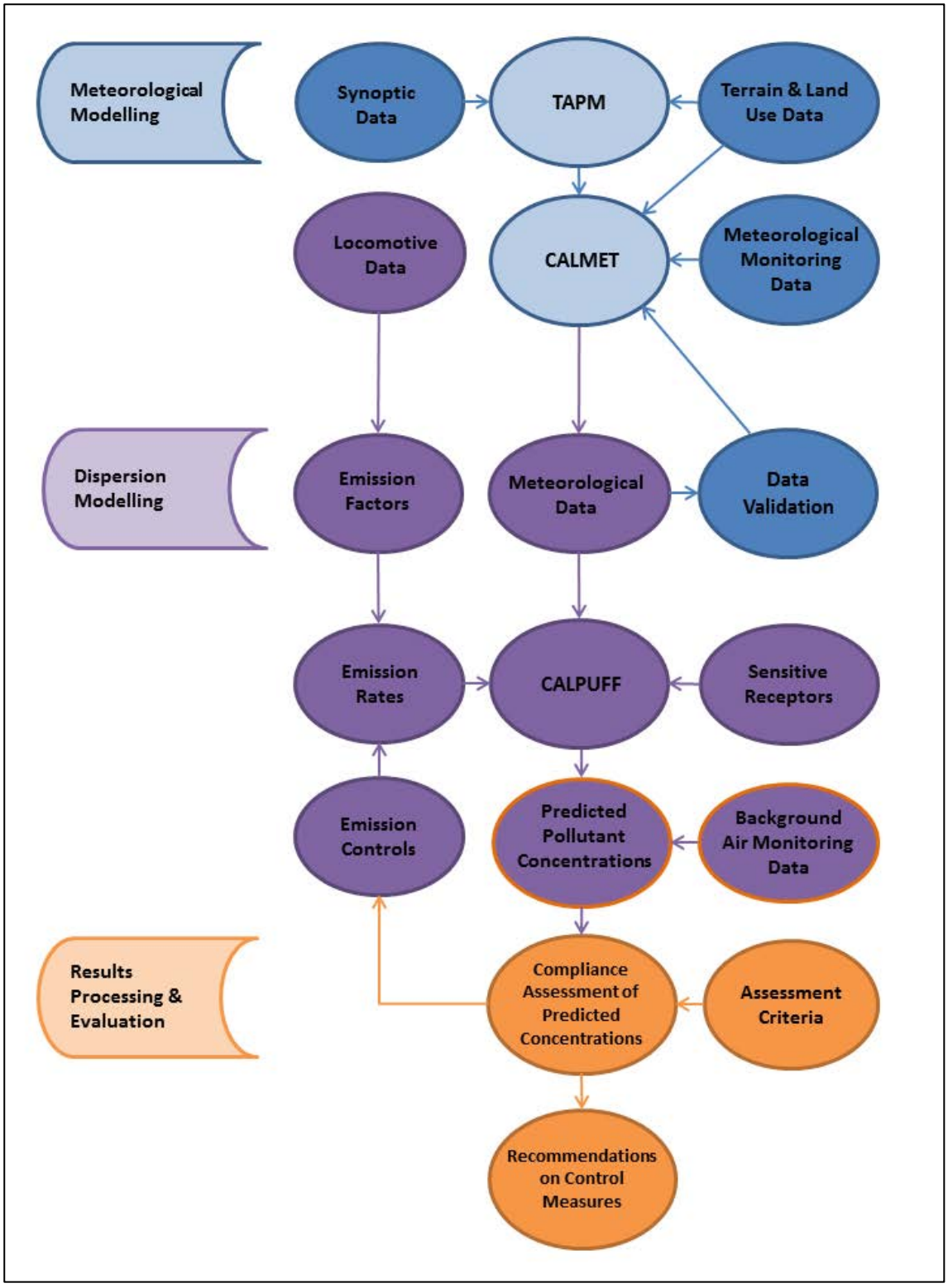


Figure 4.1 **Diagrammatic representation of the CALPUFF modelling methodology**

4.4.2.1 Selection of meteorological year

For Australia, the El Niño-Southern Oscillation (ENSO) has the strongest effect on year to year climate variability in Australia, mostly affecting rainfall and temperature. El Niño incidences represent periods of unusually warm Pacific Ocean conditions along the western coast of South America, which frequently presents as high rainfall events in South America and drought conditions for Australia. Conversely, La Niña periods represent cooler ocean surface temperatures along the western coast of South America and increase the likelihood of drought conditions locally and high rainfall periods in Australia.

The Southern Oscillation Index (SOI), Oceanic Niño Index (ONI), and Multivariate ENSO Index (MEI) are measures that can indicate episodes of El Niño and La Niña. Due to differences in methodology each of these aforementioned indices can have slightly differing results. However, utilising the SEI, ONI, and MEI measures for ENSO, agreeance can be seen on which years represent periods of El Niño or La Niña. The three indices show that the year 2013 was relatively neutral in terms of ENSO. The year 2013 represents an ideal candidate for selection of meteorological period that is relatively unaffected by variances in weather due to ENSO and therefore data from this year has been used for the assessment.

Further discussion regarding the selection of the meteorological year is provided in Appendix A.

4.4.2.2 TAPM and meteorological data

The meteorological data used in the dispersion model are of fundamental importance, as this data drives the predictions of the transport and dispersion of the air pollutants in the atmosphere. The most critical parameters are:

- Wind direction, which determines the initial direction and changes in the transport of pollutants from their sources
- Wind speed, which dilutes the plume in the direction of transport and determines the travel time from source to receiver
- Atmospheric turbulence, which indicates the dispersive ability of the atmosphere.

Meteorological data from BoM and DES meteorological stations in addition to prognostic meteorological data generated by TAPM has been used in the assessment. Pseudo upper air stations were generated from TAPM model runs for the AQIA study area. The use of pseudo upper air stations allows the CALMET modelling to be driven primarily by surface observations.

A total of four pseudo upper air stations were generated from TAPM, with individual runs undertaken for each station. The model setup for TAPM for each of the runs undertaken is presented in Table 4.13.

Table 4.13 TAPM input parameters

Parameter	Input
TAPM Version	4.0.4
Number of grids (spacing)	5 (30 km, 10 km, 3 km, 1 km, 0.3 km)
Number of grid points	41
Number of vertical levels	25
Terrain height database	9 second DEM
Year of analysis	January to December 2013
Grid centre point	Refer Table 4.14 for each station

BoM meteorological data was sourced from the University of Queensland Gatton (UQ Gatton) station. A summary of the meteorological stations considered, including the prognostic stations, is presented in Table 4.14. The coordinates in Table 4.14 are in the format as required by the meteorological models used.

Table 4.14 Meteorological stations included in modelling

Station	Coordinates (GDA zone 56)	Variables	Source
UQ Gatton	434,588m; 6,953,179m	Wind direction; wind speed; temperature; rainfall; pressure; relative humidity	BoM
UA1	410,300m; 6,955,085m	Upper air	TAPM
UA2	424,290m; 6,955,180m	Upper air	
UA3	438,916m; 6,941,834m	Upper air	
UA4	455,636m; 6,935,025m	Upper air	

4.4.2.3 CALPUFF

The CALPUFF suite of programs, including meteorological (CALMET), dispersion (CALPUFF) and post processing modules (CALPOST), is an advanced non-steady state modelling system designed for meteorological and air quality modelling. DES does not require the use of any particular dispersion model (e.g. CALPUFF or AERMOD models); however, within the DES guideline *Application requirements for activities with impacts to air* (DES 2019) reference is made to the NSW EPA guidance document *Approved methods and guidance for the modelling and assessment of air pollutants in NSW* (NSW EPA 2017). CALPUFF is appropriate in applications involving complex terrain, non-steady-state conditions, in areas where coastal effects may occur, and/or when there are high frequencies of stable or calm meteorological conditions (Barclay & Scire 2011). As many of these features are present in the AQIA study area, the CALPUFF model is preferred over the more commonly used Gaussian models of AERMOD or AUSPLUME, which perform poorly in the aforementioned conditions.

4.4.2.4 GRAL

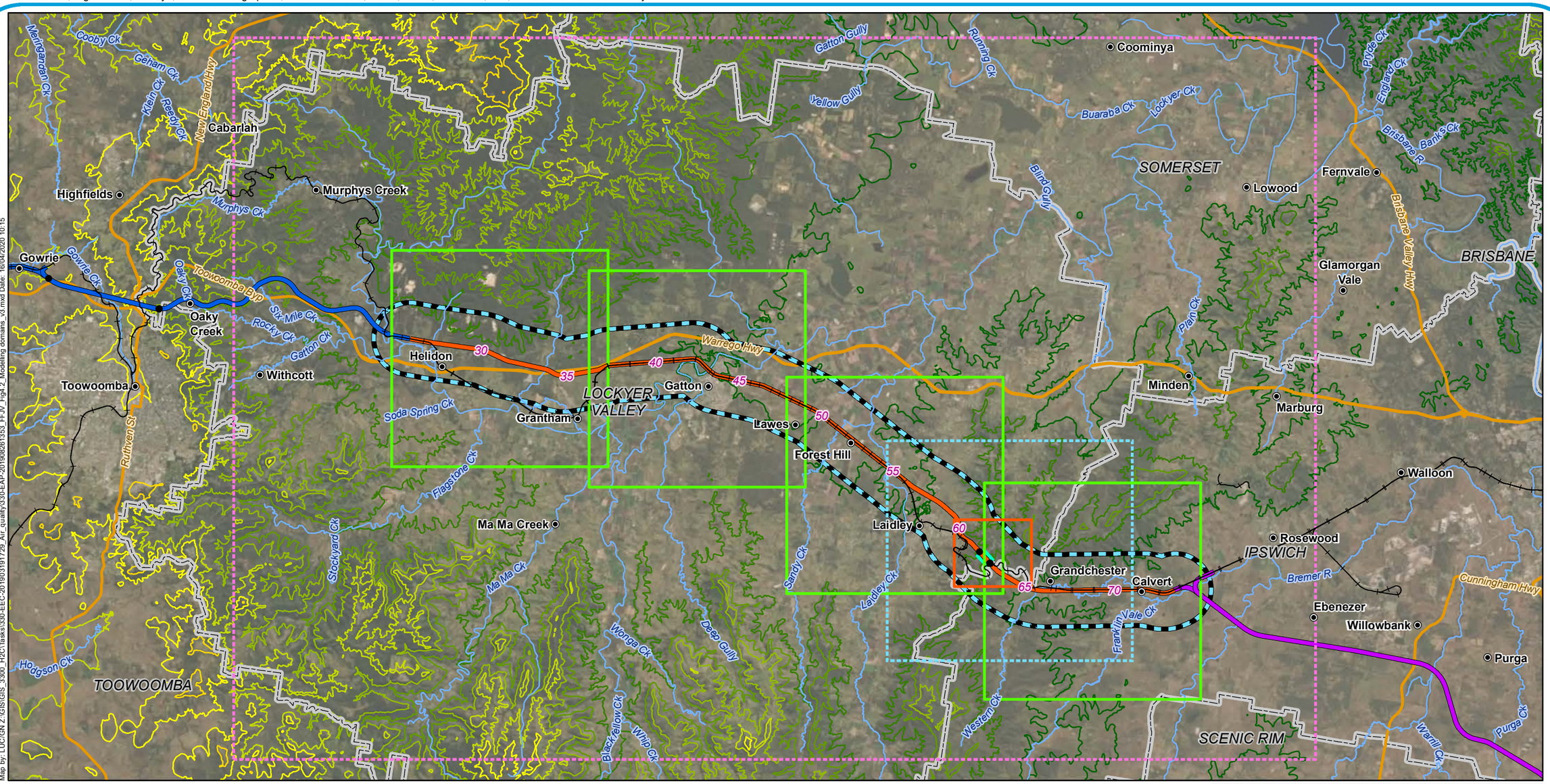
In order to investigate the air quality impacts from the railway tunnel portal emissions the GRAL dispersion model has been utilised. GRAL is a Lagrangian Particle model developed at the Institute for Internal Combustion Engines and Thermodynamics, Technical University Graz, Austria specifically to assess the dispersion of pollutants from roadways and tunnel portals (Oettl et al 2002; Oettl et al 2003; Oettl et al 2005). GRAL has been extensively evaluated against experimental data from five different tunnel portals both in flat and complex terrain, with high and low traffic volumes, namely the Enrei, Hitachi and Ninomiya tunnels in Japan (Oettl et al 2003), and the Kaisermuehlen (Oettl et al 2004) and Enrentalerberg tunnels in Austria (Oettl et al 2002). The GRAL model was specifically utilised to assess emissions from the Little Liverpool Range tunnel portals.

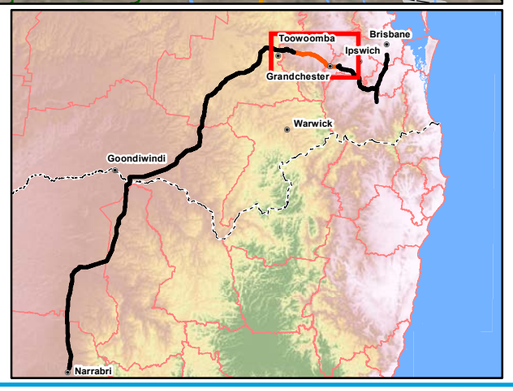
The results from the GRAL modelling have been combined with the results from the Calpuff modelling to determine the total concentrations at modelled receptors.

4.4.2.5 Modelling domains

Due to the size of the AQIA study area, several modelling domains were utilised as part of the assessment. Figure 4.2 presents the meteorological domains for CALMET and GRAMM, as well as the four CALPUFF domains and the single GRAL domain.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





Legend

- 5 Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- G2H project alignment
- H2C project alignment
- C2K project alignment
- Watercourses
- Major roads
- Tunnel
- AQIA study area
- Local Government Areas
- GRAL grid
- CALPUFF Grid
- CALMET grid
- GRAMM grid

Elevation (m)

- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800

A3 scale: 1:230,000

0 2 4 6 8 10km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 16/04/2020 Version: 3
Coordinate System: GDA 1994 MGA Zone 56

Helidon to Calvert

Figure 4.2:
Locations of modelling domains

Map by: LUC/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EEC-20190319729_Air_quality\330-EAP-20190826353_FFJV_Fig4-2_Modelling domains_v3.mxd Date: 16/04/2020 10:15

4.4.2.6 Crossing loops

Locomotive diesel emissions from crossing loops have been modelled as follows:

- Emissions from locomotives idling at the crossing loops have been modelled. Emissions from the stopping and starting of trains or train travel on the crossing loops has not been modelled
- Locomotives have been modelled at each end of each crossing loop as three point sources, resulting in six emission source points per loop
- Two different approaches (hereafter referred to as versions) have been assessed for crossing loops to accurately consider emissions and allow for assessment against both short and long term averaging periods:
  - Short term (1 hour average): continuous idling of NR Class locomotives assumed throughout the year
  - Long term (24 hour and annual averages): idling assumed to occur 25 per cent of the travel time, e.g. 15 minutes per hour or 6 hours per day
- For the short-term version, the six point sources represent two Express trains with six NR Class locomotives. The long-term version represents emissions from a calculated composite emission of all trains travelling along the alignment.
- No split of idling time has been assumed for each end of the loop to allow for the assessment of a worst-case idling for both the eastbound and westbound travel directions
- The locomotive point sources have been located on the top and in the centre of “buildings” included in the model to account for the influence of downwash caused by the structure of the locomotives.

As discussed in Section 4.4.1, fugitive emissions of coal dust from trains stopped at the crossing loops has not been modelled specifically as emissions from the wagons at the crossing loops will be much lower than emissions from the wagons during train travel due to the reduced wind speed over the wagon while stationary.

Fugitive odour from agricultural freight trains stopped at the crossing loops has been assessed qualitatively. The methodology for the qualitative assessment of fugitive odour is described in Section 4.6.

4.4.2.7 Modelling scenarios

Peak and typical train volumes have been considered in the assessment. Modelling of emissions from train travel along the Project alignment has been undertaken assuming an even volume of train travel per day, e.g. daily train volumes and train emissions from travel along the alignment have been modelled based on the weekly train volumes divided by seven.

In addition to the two train volume scenarios, two different versions of each scenario (short term and long term) have been run to enable accurate assessment of emissions from the crossing loops against both short term and long term air quality goals (refer Section 3.6). The modelled scenarios and crossing loop versions assessed are summarised in Table 4.15.

The model predictions from the short term version have been used to assess compliance against the short term goals (30 minute, 1 hour, 24 hour and monthly), with the model predictions from the long term version used to assess compliance against annual average goals.

In addition to the short and long term versions, the requirement for veneering has also been investigated by modelling particulate emissions from coal trains with and without the inclusion of veneering (75 per cent reduction to fugitive coal dust emissions). In total, eight modelling scenarios have been run to investigate the potential for air quality impacts as a result of the operation of the Project.

Table 4.15 Dispersion modelling scenarios

Scenario	Crossing loop version	Crossing loop idling description	Air quality goal averaging periods assessed
Peak train volumes 2040	Short-term	Continuous idling emissions from crossing loops	30 minute, 1 hour, 24 hour and monthly dust deposition
	Long-term	Idling at loops assumed to occur 25 per cent of the travel time	Annual
Typical train volumes 2040	Short-term	Continuous idling emissions from crossing loops	30 minute, 1 hour, 24 hour and monthly dust deposition
	Long-term	Idling at loops assumed to occur 25 per cent of the travel time	Annual

Table note:

For each of the four scenarios listed in Table 4.15 two variations have been run, one with the inclusion of veneering and one without veneering.

4.4.2.8 Influence of climate change on meteorological modelling data

The meteorological modelling undertaken for the AQIA study area has been undertaken using prognostic meteorological data generated by TAPM and observational data from BoM stations for the year 2013. The purpose of meteorological modelling is to develop meteorological input for dispersion modelling which is representative of typical meteorological conditions for the AQIA study area based on long term historical meteorological data.

Changing climatic conditions due to climate change has the potential to influence wind conditions, atmospheric stability, mixing height and other meteorological factors important to the dispersion of ground-released pollution. However, as described in *Approved Methods for the Modelling and Assessment of Air Pollutants in NSW* (NSW EPA 2017) (which is the referred to guidance for air quality modelling in the QLD guideline *Application requirements for activities with impacts to air* and is applicable for assessments in QLD) the site-representative meteorological data is to be based on long term historical meteorological data (e.g. as discussed in Section 5.2). The potential influence of future changing climatic conditions due to climate change has not been considered in this assessment.

4.4.2.9 Model input parameters

A summary of the data and parameters used as input parameters for dispersion modelling completed is shown in Table 4.16. The inputs have been presented in the same format as required by the software used.

Table 4.16 Model input parameters

Parameter	Input
TAPM (v4.0.4)	
Horizontal resolution	41 x 41 grid points; outer grid spacing 30,000 m x 30,000 m with an inner grid spacing of 1,000 metres.
Grid centre coordinates	-27.5249996; 152.091660 (UA1) -27.5249996; 152.233337 (UA2) -27.5916672; 152.300003 (UA3) -27.7083340; 152.550003 (UA4)
Vertical levels	25
Land use data	Default TAPM database
Simulation length	1 January – 31 December 2013
CALMET (v6.42)	
Meteorological grid domain	60 km x 40 km
Meteorological grid resolution	200 m resolution (300 x 200 grid cells)

Parameter	Input
Reference grid coordinate (centre)	402,151m E, 6,930,531m S
Cell face heights in vertical grid	0, 20, 40, 80, 160, 320, 640, 1200, 2000, 3000 and 4000 m
Simulation length	1 January – 31 December 2013
Surface meteorological stations	CALMET Obs Mode: Run using surface observation data and pseudo upper air stations. ▪ UQ Gatton (BoM)
Upper air meteorological stations	TAPM data derived Upper Air Stations: ▪ UA1 ▪ UA2 ▪ UA3 ▪ UA4
Terrain data	SRTM Version 3.0 Global meshed with Project design DEM (1 arc second)
Land use data	ABARES (2016)
TERRAD (Terrain radius of influence)	8.0 km
R1 (Distance from an observational station at which the observation and first guess field are equally weighted) – Surface RMAX1 (Radius of influence of meteorological stations: Surface)	3.0 km 4.0 km
R2 (Distance from an observational station at which the observation and first guess field are equally weighted) – Upper air RMAX2 (Radius of influence of meteorological stations: Upper)	3.0 km 4.0 km
IEXTRP (Vertical extrapolation of surface wind observation)	- 4 (extrapolate using similarity theory, exclude upper air observations from layer 1)
BIAS (Relative weight of extrapolated observations versus upper air soundings in the computation of the initial guess field)	-1.0, -1.0, -1.0, -0.9, -0.9, -0.5, 0.0, 0.5, 1.0, 1.0
CALPUFF (v7.2.1)	
Computational grid	Model domain split into 4 sections along alignment:
Number of sensitive receptors	5,903
Dispersion option	Dispersion coefficient. Use turbulence computed from micrometeorology
Dispersion modelling period	1 January 2013 – 31 December 2013
GRAMM (v17.1)	
Meteorology	
Meteorology station	CALMET Output at Western Portal Location
Period of meteorology	1 January – 31 December 2013
Meteorology parameters	Wind speed (m/s), wind direction, stability class
Number of wind speed classes	8
Wind speed classes (m/s)	0-0.5, 0.5-1.0, 1.0-2.0, 2.0-3.0, 3.0-4.0, 4.0-6.0, 6-9.0, >9.0
Number of wind speed sectors	36
Sector size (degrees)	10
Anemometer height above ground (m)	10
Number of classified wind conditions	792

Parameter	Input
Meteorological grids and general GRAMM input	
GRAMM domain in UTM	438,400 m (W); 452,000 m €; 6,948,200 m (N); 6,936,000 m (S)
Horizontal grid resolution	200 m
Vertical thickness of the first layer	10 m
Number of vertical layers	15
Vertical stretching factor	1.40
Relative top-level height	3,874 m
Maximum time step	10 s
Modelling time	3,600 s
Relaxation velocity	0.20
Relaxation scalars	0.20
GRAL (v18.1)	
General	
GRAL domain in UTM	438,400 m (W); 452,000€(E); 6,943,730 m (N); 6,940,205 m (S)
Dispersion time	3,600 s
Number of particles per second	400
Surface roughness	Variable
Latitude	-27
Buildings	None
Concentration grid	
Vertical thickness of concentration layers	1 m
Horizontal grid resolution	5 m
Number of horizontal slices	1
Height above ground level	2 m
Internal flow field grid	
Horizontal grid resolution	5 m
Vertical thickness of first layer	2 m
Vertical stretching factor	1.01
Number of cells in z-direction	40

4.4.2.10 Conversion of NO_X to NO_2

Nitrogen oxides are produced in most combustion processes and are formed during the oxidation of nitrogen in fuel and nitrogen in the air. During high-temperature processes, a variety of oxides are formed including NO and NO_2. NO will generally comprise 95 per cent of the volume of NO_X at the point of emission. The remaining NO_X will primarily consist of NO_2. The conversion of NO to NO_2 requires ozone (O_3) to be present in the air, as ozone is the catalyst for the conversion. Ultimately, however, all NO emitted into the atmosphere is oxidised to NO_2 and then further to other higher oxides of nitrogen.

The US EPA's Ozone Limiting Method (OLM) was used to predict ground-level concentrations of NO_2. The OLM is based on the assumption that approximately 10 per cent of the initial NO_X emissions are emitted as NO_2. If the ozone (O_3) concentration is greater than 90 per cent of the predicted NO_X concentrations, all the NO_X is assumed to be converted to NO_2, otherwise NO_2 concentrations are predicted using the equation:

$$NO_2 = 46/48 \times O_3 + 0.1 \times NO_x$$

This method assumes instant conversion of NO to NO_2 in the plume, which can lead to overestimation of concentrations close to the source since conversion would usually occur over a period of hours. This method is described in detail in (NSW EPA 2017). It should be noted that the OLM is a conservative approach as explained in Appendix C.

Due to its proximity to the Project alignment, background ozone data from the Mutdapilly monitoring station were used to convert the modelled NO_2 concentrations in accordance with the OLM methodology presented in (NSW EPA 2017). To facilitate the use of the OLM, hourly sequential O_3 and NO_2 monitoring data for the year 2013 from the Mutdapilly monitoring station has been used. Monitoring data for 2013 has been used to align with the meteorological modelling.

Figure 4.3 presents the variation plots of background concentrations for NO_2 and O_3 for Mutdapilly for the year 2013. The hourly, daily and monthly variations shown for 2013 for NO_2 and O_3 are consistent with recent years at Mutdapilly.

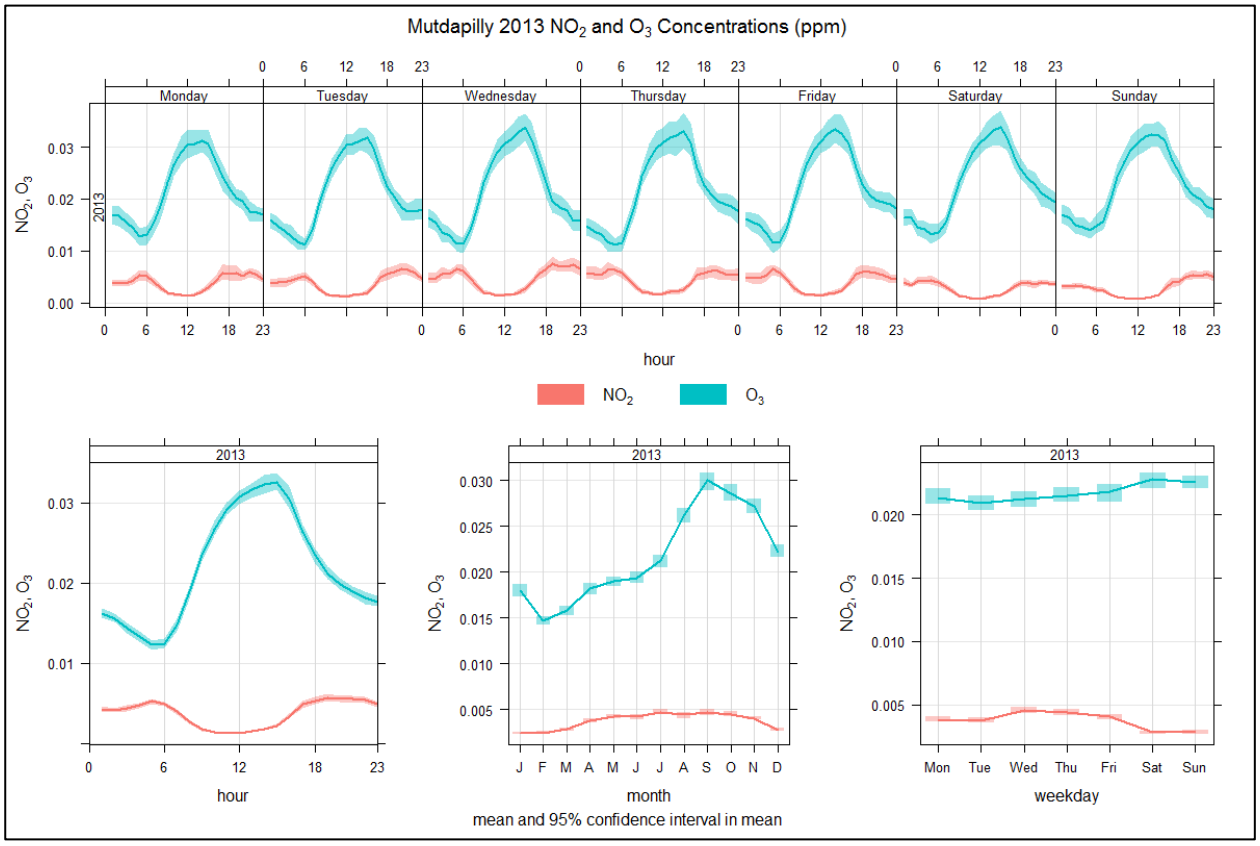


Figure 4.3 **Variation plots of concentrations for NO_2 and O_3 from the Mutdapilly Department of Environment and Science monitoring station for 2013**

4.4.3 Source parameters

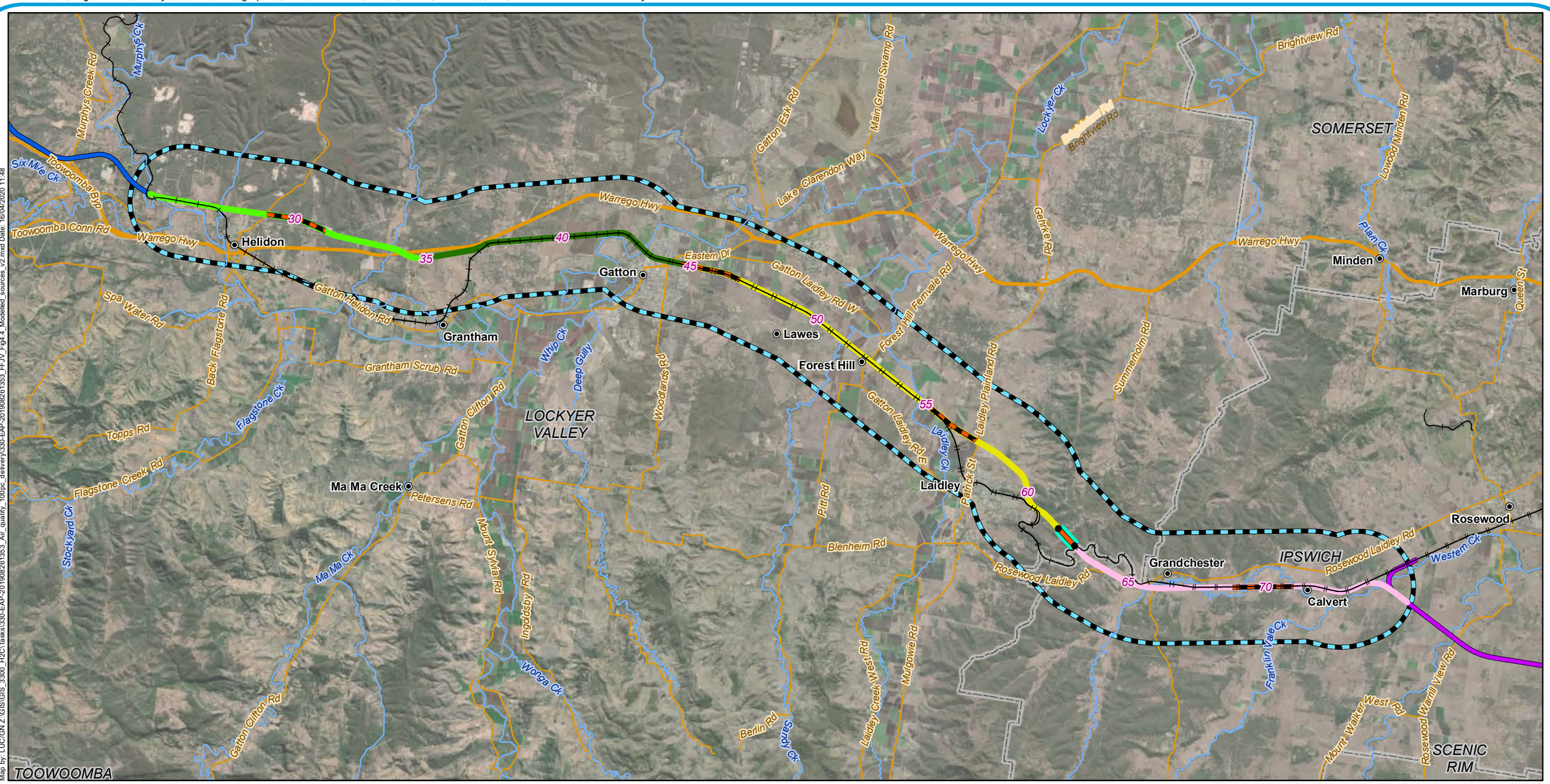
The following sections present the source parameters in CALPUFF and GRAL utilised for dispersion modelling of emissions for the Project.

4.4.3.1 CALPUFF

Table 4.17 presents the CALPUFF source parameters utilised in the dispersion modelling of the Project. The locations of the modelled sources are shown in Figure 4.4.

The rail emission sources for diesel emissions and fugitive coal dust were modelled as a line using continuous segmented volume sources (line-volume sources), utilising guidance from US EPA (1992). Utilising this method, it is possible to emulate the effects of initial dispersion due to plume downwash (California Air Resources Board 2004).

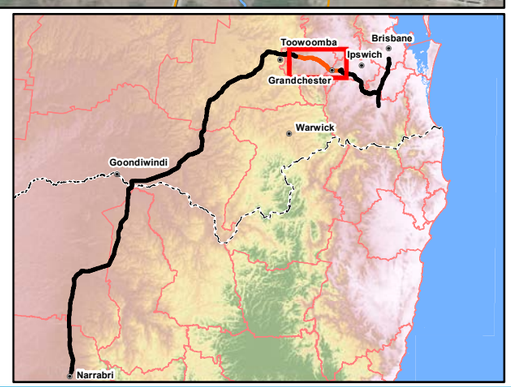
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by: LUC/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\353_Air_quality_100pc_delivery\330-EAP-20190826\353_FFJV_Fig4.4_Modelled_sources_v2.mxd Date: 16/04/2020 11:48

Legend

- 5 Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- Crossing loops
- H2C Rail CALPUFF 1
- H2C Rail CALPUFF 2
- H2C Rail CALPUFF 3
- H2C Rail CALPUFF 4
- G2H project alignment
- H2C project alignment
- C2K project alignment
- Watercourses
- Major roads
- Minor roads
- Tunnel
- AQIA study area
- Local Government Areas



A3 scale: 1:150,000

0 1 2 3 4 5km

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Helidon to Calvert

Figure 4.4: Modelled sources

The idling point sources represent Express Freight trains that consist of three NR Class locomotives. The locomotive exit temperatures were sourced from locomotive emissions testing for the NSW EPA completed by (ABMARC 2016). Other cited emission parameters for idling locomotives were sourced from California Air Resources Board (2004) for a similar locomotive type and size.

Table 4.17 also presents the initial horizontal and vertical spreads used in the modelling of train travel. The spreads have been calculated using Lakes Environmental guidance (Lakes Environmental 2017) on the calculation of dispersion from haul roads, which is based on the US EPA *Haul Road Workgroup Report* (US EPA 2012). The dispersion of emissions from haul roads is very similar to dispersion from rail lines and is considered the most appropriate guidance. Initial vertical spread (sigma Z) is calculated by dividing the top of plume height (m) by 2.15. Top of plume height is equal to the vehicle (train) height (3.9 m) multiplied by 1.7 (6.63 m). Initial horizontal spread (sigma Y) is calculated by dividing the distance between the centre points of the segmented volume sources by 2.15. Plume width is calculated as the vehicle (train) width (3 m) plus 6m to account for the mixing zone of a single line track. Table 4.17 presents the location of modelled sources. The coordinates listed are in the same format as required by CALPUFF.

Table 4.17 CALPUFF source parameters

Source	Source type	Location (GDA 96, zone 56, m)	Release height above ground level (m)	Parameters
H2C-1 (grid 1)[a.]	Segmented volume sources (13.7 km, 761 sources)	410,665; 6,954,135 to 423,933; 6,952,446	3.3	18.6 m (initial horizontal spread) 3.1 m (initial vertical spread)
H2C-2 (grid 2)	Segmented volume sources (15.2 km, 848 sources)	420,711; 6,951,828 to 435,007; 6,949,411	3.3	18.6 m (initial horizontal spread) 3.1 m (initial vertical spread)
H2C-3 (grid 3)	Segmented volume sources (19.0 km, 1058 sources)	430,291; 6,951,515 to 446,005; 6,940,125	3.3	18.6 m (initial horizontal spread) 3.1 m (initial vertical spread)
H2C-4 (grid 4)[b.]	Segmented volume sources (12.8 km, 710 sources)	444,114; 6,941,398 to 456,143; 6,939,367	3.3	18.6 m (initial horizontal spread) 3.1 m (initial vertical spread)
Crossing Loop 1 (grid 1)	Point source (6 sources)	416.897, 6952.837 416.877, 6952.847 416.855, 6952.857 414.999, 6953.377 415.023, 6953.374 415.046, 6953.371	4.3 (0.1 m above locomotive engine)	134°C (exit temperature) 0.6 m (stack diameter) 2.4 m/s (exit velocity)
Crossing Loop 2 (grid 2)	Point source (6 sources)	430.027, 6951.577 430.050, 6951.572 430.072, 6951.567 431.855, 6951.088 431.877, 6951.078 431.897, 6951.068	4.3 (0.1 m above locomotive engine)	134°C (exit temperature) 0.6 m (stack diameter) 2.4 m/s (exit velocity)
Crossing Loop 3 (grid 3)	Point source (6 sources)	438.906, 6946.375 438.888, 6946.390 438.870, 6946.404 440.412, 6945.296 440.433, 6945.283 440.453, 6945.272	4.3 (0.1 m above locomotive engine)	134°C (exit temperature) 0.6 m (stack diameter) 2.4 m/s (exit velocity)

Source	Source type	Location (GDA 96, zone 56, m)	Release height above ground level (m)	Parameters
Crossing Loop 4 (grid 4)	Point source (6 sources)	449.952, 6939.916 449.976, 6939.916 449.999, 6939.917 451.848, 6939.942 451.872, 6939.943 451.896, 6939.943	4.3 (0.1 m above locomotive engine)	134°C (exit temperature) 0.6 m (stack diameter) 2.4 m/s (exit velocity)

Table notes:

a Inclusive of approximately 1 km of G2H Project
b Inclusive of approximately 1 km of C2K Project

4.4.3.2 GRAL

Table 4.17 presents the GRAL source parameters utilised in the dispersion modelling of the Project. Exit velocities are based upon a composite average of travel speeds for stopping trains through the Little Liverpool Range tunnel. The coordinates presented in Table 4.17 are in the same format as required by GRAL.

In absence of ventilation temperature information, the temperature differential has been assumed to be 0 kelvin, which effectively assumes the plume will be at ambient temperature. This is a conservative assumption as it will model the plume as non-buoyant, resulting in decreased dispersion from the portal. GRAL does not require initial spread parameters for portal emission sources.

Table 4.18 GRAL source parameters

Source	Source type	Location (GDA 96, zone 56, m)	Release height above ground level (m)	Parameters
Western tunnel portal	Portal	443,537; 6,942,027	0.0	0 K (temperature differential) 8.7 m/s (exit velocity) 60 m^2 (cross sectional area)
Eastern tunnel portal	Portal	444,111; 6,941,392	0.0	0 K (temperature differential) 15.1 m/s (exit velocity) 60 m^2 (cross sectional area)

4.4.4 Terrain and land use data

The underlying terrain and dominant land use are important functions of plume transport modelling. Gridded terrain elevations for the modelling domain were derived from the Shuttle Radar Topography Mission (SRTM) one arc-second or around 30 m resolution data. To reflect the final terrain formations, post construction, this data was supplemented with detailed 1 m data that reflects bulk earthworks along the alignment and Little Liverpool Range tunnel portals.

Land use within the Project alignment and surrounding area primarily consists of rural and agricultural areas, which are interspersed with rangeland and forest land. Land use data within the assessment domain were derived from the Queensland Land Use Mapping Program (QLUMP) utilising the Australian Land Use and Management Classification (ABARES 2016). The data are representative of the actual area associated with the Project, are recent and of a very fine resolution to increase the accuracy of the modelling. The land use data used in this application are different to the default land use data used in TAPM and for most CALMET model applications outside of the United States, which are the USGS one-kilometre land use data. Until recently, the USGS one-kilometre global land use data set was the most readily available data set for air quality applications. Limitations of this data set; however, include its age (more than 20 years old), coarse resolution (between 900 m and 1.2 km), and the fact that it is categorised according to the North American land use category system, which does not correspond to all relevant Australian land use types.

As stated above, plume transport is an important function of the underlying dominant land use. The inclusion of the Australian land use data set is, therefore, an important relevant addition to this modelling application as the data are recent, relevant and of a fine resolution.

4.4.5 Limitations

The atmosphere is a complex, physical system, and the movement of air in a given location is dependent on several different variables, including temperature, topography and land use, as well as larger-scale synoptic processes. Dispersion modelling is a method of simulating the movement of air pollutants in the atmosphere using mathematical equations. The model equations necessarily involve some level of simplification of these very complex processes based on our understanding of the processes involved and their interactions, available input data, and processing time and data storage limitations.

These simplifications come at the expense of accuracy, which particularly affects model predictions during certain meteorological conditions and source emission types. For example, the prediction of pollutant dispersion under low wind speed conditions (typically defined as those wind speeds less than 1 m/s) or for low-level, non-buoyant sources, is problematic for most dispersion models. To accommodate these known deficiencies, the model outputs tend to provide conservative estimates of pollutant concentrations at particular locations.

While the models contain a large number of variables that can be modified to increase the accuracy of the predictions under any given circumstances, the constraints of model use in a commercial setting, as well as the lack of data against which to compare the results in most instances, typically precludes extensive testing of the impacts of modification of these variables. Model developers typically specify a range of default values for model variables that are applicable under most modelling circumstances. These default values are recommended for use unless there is sufficient evidence to support their modification.

As a result, the results of dispersion modelling provide an indication of the likely level of pollutants within the modelling domain. While the models, when used appropriately and with high quality input data, can provide very good indications of the scale of pollutant concentrations and the likely locations of the maximum concentrations occurring, their outputs should not be considered to be representative of exact pollutant concentrations at any given location or point in time. As stated above, however, the model predictions are typically conservative, and tend to over predict maximum pollutant concentrations at receiver locations.

This assessment was undertaken with the data available at the time of the assessment. Should changes to the Project be made, further assessment will be required to determine if the findings of this assessment are still applicable.

4.5 Tank water quality

4.5.1 Potential Impacts

In rural and remote Australia where reticulated water supply is not always available, the use of domestic rainwater tanks is common practice. Rainfall is collected from roof run-off, and where installed is most commonly used as the primary source of household drinking water (enHealth 2010). Rainwater stored in tanks has the potential to be contaminated by chemical, physical and microbial sources, and become a hazard to human health. Industrial and traffic emissions have the potential to be a source of chemical contamination through their atmospheric deposition onto rooves where water is collected (Gunawardena 2012).

The assessment of operational phase impacts on tank water quality is discussed in the following sections.

4.5.2 Fugitive coal dust deposition

Fugitive coal dust emissions from rail transport along the Project have potential to be deposited on surfaces that lead to rainwater tanks. Coal may contain many trace elements of sulfur (S), chlorine (Cl), arsenic (As), boron (B), cadmium (Cd), lead (Pb), mercury (Hg), molybdenum (Mo), selenium (Se), chromium (Cr), copper (Cu), fluorine (F), nickel (Ni), vanadium (V), and zinc (Zn). Several of these compounds can have toxic and chronic health effects, depending on exposure length, concentration, and path of ingestion.

A leaching test study completed by Lucas et al (2009) showed through experimentation that even though these compounds exist within coal and coal dust, they leach negligible amounts into receiving water, and measured concentrations were well below the *Australian Drinking Water Guidelines* (NHMRC 2011). Therefore, it is expected that coal dust will not pose significant health impacts from exposure to toxic trace elements and its health impacts will be primarily related to exposure to particulate matter in the form of PM_{10} and $PM_{2.5}$.

4.5.3 Assessing impacts to water tank quality

The potential for the operation of the Project to impact tank water quality collected via roof catchment has been investigated. Using the emissions inventory developed for assessment of operational impacts to air quality, dust deposition modelling was also completed using CALPUFF to determine the impact of diesel locomotive emissions on tank water quality. As per the assessment of impacts to air quality and as required by the ToR, dust deposition was predicted for all receptors within the AQIA study area. The methodology for predicting the potential impact to water tank quality is summarised as follows:

- Rain water collection systems can have first flush devices which take the first water captured by rooves and divert it for disposal rather than collection in a water tank. First flush systems were not assumed to be installed for any of the receptors considered.
- Annual average dust deposition rates were predicted for every receptor in the AQIA study area for peak and typical train operations. Every receptor was assumed to have a water tank, and the roof area (collection area) for each receptor was assumed to be 200 m^2.
- It was assumed that all deposited dust at each receptor (200 m^2 roof area) was collected by a 10,000 litre (L) rainwater tank which was 10 per cent full resulting in a receiving water volume of 1,000 L. This conservative assumption allows for periods where there may be prolonged periods of drought and short rainfall events that wash deposited pollutants into rainwater tanks.
- The goals used for the assessment of impacts to water quality were taken from the *Australian Drinking Water Guidelines* (NHMRC 2018), which provides guideline water concentrations for arsenic, cadmium, lead, nickel and chromium VI, which are all metals
- The concentration of metals in water tanks was determined by taking the predicted annual average dust deposition level (e.g. 2 mg/m^2), multiplying it by the assumed roof area (200m^2) to determine total mass (e.g. 400 mg), and then speciating the predicted dust deposition level into metal concentrations using the diesel locomotive emission factors (refer Table 4.7 in Section 4.4.1.1).
- The predicted water concentrations for each species were then assessed against the goals prescribed by NHMRC.

The methodology applied is described for water tanks, however, it is also applicable for assessment of impacts to water quality for dams assuming that the surface area (roof area) and receiving water volumes (1,000 L) are comparable.

The outcome of this method was pollutant concentrations in tank water which could be compared against the *Australian Drinking Water Guidelines* (NHMRC 2018).

Detailed dispersion modelling is not typically undertaken for construction activity and has not been undertaken for the construction phase assessment for the Project. Construction dust has therefore not been considered for the assessment of tank water quality.

Similarly, fugitive emissions from fuel storage tanks required for the construction phase have not been considered for the assessment of tank water quality. Fugitive emissions from fuel storage tanks will be gaseous and will not be a significant issue with respect to deposition and tank water quality.

4.5.4 Drinking water quality goals

The *Australian Drinking Water Guidelines* (NHMRC 2018) present guideline values on allowable contaminants within drinking water, such as from rainwater tanks. Table 4.19 presents the drinking water criteria for the pollutants of interest. Calculated water pollutant concentrations from diesel emission deposition modelling were compared to these guideline values in Section 7.2.

Table 4.19 Drinking water quality guidelines

Pollutant	Guideline value (mg/L)	Environmental Value	Source
Arsenic	0.01	Health	(NHMRC 2018)
Cadmium	0.002	Health	
Lead	0.01	Health	
Nickel	0.02	Health	
Chromium VI	0.05	Health	

4.5.5 Construction dust impacts on water quality

As discussed in Section 4.2, the assessment of construction dust has been undertaken via a qualitative risk assessment. Detailed dispersion modelling of construction is not typically undertaken as construction activities are difficult to forecast accurately and industry standard mitigation measures are available to reduce emissions from construction activity. As dispersion modelling has not been undertaken for construction activity, concentrations of construction dust in water tanks has not been quantified.

Table 4.19 presents the *Australian Drinking Water Guidelines* (NHMRC 2018) which have been adopted as water quality goals for the assessment. The *Australian Drinking Water Guidelines* also include guideline values for total dissolved solids, which are not set for health protection but based on the taste of the drinking water. The guideline value for total dissolved solids for “good quality drinking water” is 600 mg/L.

The dust deposition limit (120 mg/m^2/day) adopted for the Project is applicable for both construction and operational phases. Considering both the annual and lowest monthly rainfall volumes as recorded at monitoring stations within the assessment domain (refer Section 5.2.2), compliance with the 120 mg/m^2/day limit will achieve compliance with the guideline value for total dissolved solids for “good quality drinking water”. On this basis, no further assessment is deemed to be required.

It is expected that mitigation measures for the construction phase will be sufficient to control construction dust emissions and impacts to tank water quality during construction will not be significant.

4.6 Agricultural freight odour

To assess the nuisance impacts that may arise from agricultural freight trains, a qualitative assessment utilising FIDOL factors has been undertaken to determine the likelihood of odour nuisance (Department of the Environment and Heritage Protection 2018). The following factors, described using the acronym FIDOL, are widely accepted as being important dimensions of odour nuisance:

- Frequency (F) – How often an individual is exposed to the odour
- Intensity (I) – The strength of the odour
- Duration (D) – The length of exposure
- Offensiveness (O) – The offensiveness or intrinsic character, known as the hedonic tone of the odour, may be pleasant, neutral, or unpleasant

- Location (L) – The type of land use and nature of human activities in the vicinity of an odour source.

In addition to the above, sensitivity of the receiving community and “offensiveness” of the odours likely to be emitted was considered in the qualitative odour analysis.

4.7 Cumulative impact risk assessment

As part of the EIS process for the Project and as typically required for air quality impact assessments, a cumulative impact assessment is required. Air quality impact assessments are inherently cumulative assessments as they are required to consider background air quality when assessing against air quality goals.

In addition to consideration of background air quality (refer Section 5.3) this assessment has also considered cumulative impacts to sensitive receptors in the operational phase of the Project by assessing emissions from the adjoining Inland Rail projects (G2H and C2K) as discussed in Section 4.4.1.5. The results of the operational phase assessment are discussed in Section 7.

Existing emission sources in the AQIA study area are discussed in Section 5.4. No existing emission sources require inclusion in the assessment of the operational phase of the Project.

A qualitative cumulative impact assessment (CIA) has been undertaken via review of other “State significant” or “strategic” projects. A summary of the assessable projects’ impact to air quality is provided in Section 8.

4.8 Decommissioning phase

Given the uncertainty associated with timeframe for decommissioning, this phase has not been considered in this AQIA.

5 Existing environment

The existing environmental values of the air environment that may be affected by the Project are described in Section 3.2. Aspects of the ambient environment relevant to this assessment of the existing environmental values of the air environment include:

- Existing air quality due to regional and local sources of air pollution (natural and anthropogenic) that emit similar air pollutants as those being assessed
- Meteorological conditions and climate
- Terrain and land use.

In addition to discussion of existing air quality and meteorological conditions, this section also introduces and presents the locations of sensitive receptors near the Project disturbance footprint which have been used in establishing the environmental values of the air environment considered in the assessment.

5.1 Monitoring stations

5.1.1 Meteorological monitoring stations

BoM operates a network of meteorological monitoring stations around Australia that have long-term climatic data available for analysis. As the Project alignment spans a relatively significant distance laterally, local meteorological conditions may differ across this distance, especially at areas further inland and/or away from notable terrain features. Three BoM monitoring stations have been considered to provide a greater regional coverage of climatic conditions. Details of the monitoring stations considered are provided in Table 5.1, with the locations of the stations shown in Figure 5.1.

Table 5.1 Bureau of Meteorology meteorological monitoring stations considered in the assessment

Station name	Coordinates	Location relative to alignment	Period operational	Elevation
UQ Gatton	-27.5436, 152.3375	3 km N	1897 - Present	89 m
Amberley Approved Maintenance Organisation (AMO)	-27.6297, 152.7111	16 km E	1941 - Present	24 m
Toowoomba	-27.5836, 151.9317	18 km W	1869 - 2007	691 m

The monitoring station which is considered to be the most representative of the AQIA study area is the UQ Gatton station, which is located in between Helidon and Calvert. Meteorological monitoring data from the UQ Gatton station has been used to develop the dispersion model for the assessment.

In addition to the measured meteorological data from the BoM stations, output data from CALMET (refer Section 4.4.2) has also been analysed and is presented in this section to describe atmospheric stability and mixing height.

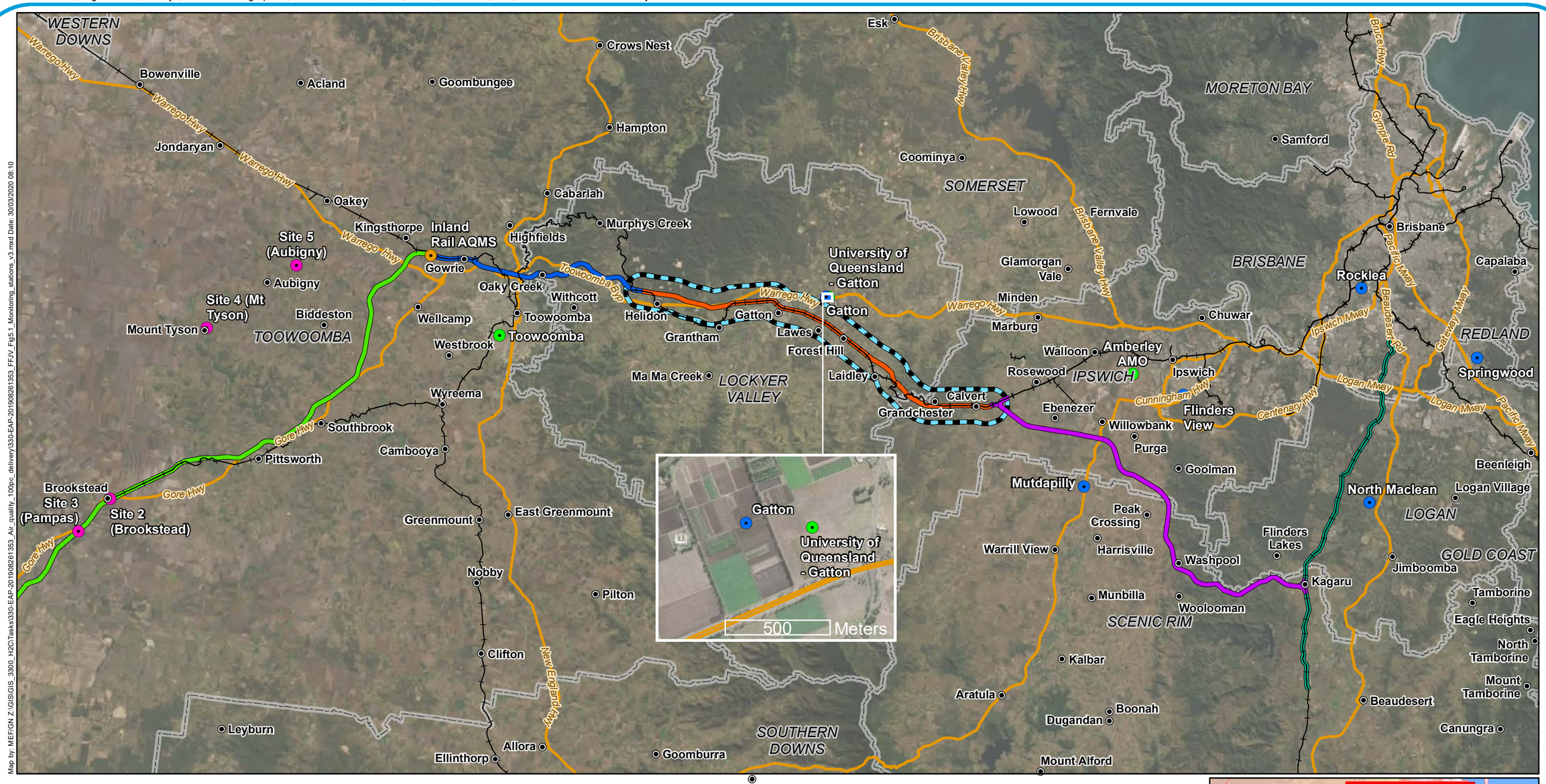
5.1.2 Air quality stations

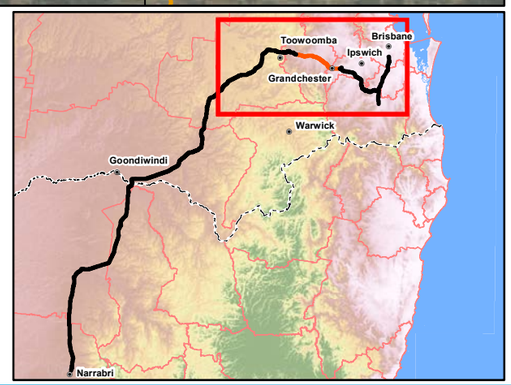
In order to characterise the existing air quality in the AQIA study area, a review of available air quality monitoring data was conducted considering the following sources:

- Publicly available air quality monitoring data from DES monitoring stations
- Monitoring data available from the Inland Rail air quality monitoring station (AQMS) (PM_{10} and $PM_{2.5}$), located at a residential dwelling located off Draper Road, Charlton (Lot 29, SP294200), west of Gowrie
- Dust deposition monitoring data from monitoring undertaken for the Inland Rail Project in 2016.

The locations of the monitoring stations are shown in Figure 5.1.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





Legend

- Localities
- BoM station
- DES station
- Dust deposition sites
- Inland Rail AQMS station
- Existing rail
- B2G project alignment
- G2H project alignment
- H2C project alignment
- C2K project alignment
- K2ARB project alignment
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

A3 scale: 1:500,000

0 5 10 15 20 25km

Future Freight
Integrating Community, Environment and Engineering

Issue date: 25/03/2020 Version: 3
Coordinate System: GDA 1994 MGA Zone 56

Map by: MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\3330-EAP-20190826\353_Air_quality_100pc_delivery\330-EAP-20190826\353_FFJV_Fig5.1_Monitoring_stations_v3.mxd Date: 30/03/2020 08:10

Helidon to Calvert

Figure 5.1: Locations of meteorological and air quality monitoring stations

DES has an ambient monitoring network across QLD that monitors airborne pollutant concentrations in areas with large population bases or heavy industry adjacent to residential areas. There are no DES monitoring stations in the AQIA study area. However, due to the length of the Project, there are five DES monitoring stations located in the assessment domain. These stations are Flinders View, Mutdapilly, North Maclean, Rocklea and Springwood; all of which are situated to the east of Toowoomba.

Monitoring data from DES stations from 2010 to 2017 has been reviewed, as this is the most recent available monitoring data. Monitoring data for 2018 was not available at the time the assessment was undertaken. The details of the DES stations considered in the assessment, including the pollutants monitored are presented in Table 5.2.

The Inland Rail AQMS monitors PM_{10} and $PM_{2.5}$ and is located at a residential dwelling located off Draper Road, Charlton (Lot 29, SP294200), west of Gowrie (local coordinates: -27.4948, 151.8479). The Inland Rail AQMS is located approximately 200 m to the south of the existing West Moreton System rail corridor, and measured concentrations at the station will therefore be influenced by emissions from existing rail traffic. The location of the Inland Rail AQMS is shown in Figure 5.1.

Based on the characteristics of each DES monitoring station, including station type, absence of local emission sources and surrounding land uses, these stations are considered either representative of the AQIA study area or appropriate for the assessment (e.g. a conservative representation of the existing air environment in the AQIA study area) and have been used for the assessment for airborne pollutant concentrations. To determine appropriate baseline levels of each pollutant, recent data from the nearest monitoring stations was analysed. Preference was given to the stations closest to the alignment and in a similar environment (i.e. urban); however, not all pollutants species of interest are measured at each monitoring station.

With respect to dust deposition there is significantly less available background monitoring data as this type of monitoring is typically undertaken to investigate the potential for nuisance as a result of a particular industry or activity. The DES ambient monitoring network does not include monitoring of dust deposition.

Prior to the installation of the Inland Rail AQMS, a three-month deposited dust monitoring program was conducted for Inland Rail in 2016, as part of the Yelarbon to Gowrie (Y2G) Preliminary Environmental Assessment (PEA) Report (AECOM 2017). The monitoring was conducted at four sites in accordance with AS/NZS 3580.10.1:2003. These locations of the AQMS and the dust deposition monitoring sites are shown in Figure 5.1, with monitoring site details also provided in Table 5.2.

Although the dust deposition monitoring was undertaken to the west of the Great Dividing Range (refer Figure 5.1), the results of this monitoring are considered appropriate for the assessment due to the similarity of land use in the surrounding areas to the monitoring locations (predominantly rural) to the AQIA study area. To provide a conservative assessment of potential impacts, the highest measured deposition rate from this monitoring has been adopted as the background deposition level for the assessment.

Table 5.2 Details of air quality monitoring stations considered in the assessment

Station name	Operator	Coordinates	Location relative to alignment	Pollutants monitored	Years of data available
Gatton	DES	-27.5434, 152.3343	3 km N	None, meteorology only	2010 to 2017
Flinders View	DES	-27.6528, 152.7741	23 km E	NO_x, O_3, SO_2, PM_{10}	2010 to 2017
Mutdapilly	DES	-27.7528, 152.6509	15 km SE	NO_x, O_3	2011 to 2017
North Maclean	DES	-27.7708, 153.0030	50 km ESE	NO_x, O_3	2011 to 2017
Rocklea	DES	-27.5358, 152.9934	47 km ENE	NO_x, O_3, PM_{10}, $PM_{2.5}$ and visibility-reducing particles	2010 to 2017
Springwood	DES	-27.6125, 153.1356	60 km E	NO_x, O_3, SO_2, PM_{10}, $PM_{2.5}$ and air toxics (organic pollutants)	2010 to 2017
Inland Rail AQMS	ARTC	-27.4948, 151.8479	26 km W	PM_{10} and $PM_{2.5}$	2018 to 2019

Station name	Operator	Coordinates	Location relative to alignment	Pollutants monitored	Years of data available
Site 2 (Brookstead)	ARTC (Y2G Dust Deposition Monitoring)	-27.7583, 151.4499	69 km SW	Dust deposition	May 2016 to July 2016
Site 3 (Pampas)		-27.7936, 151.4102	74 km SW		
Site 4 (Mt Tyson)		-27.5721, 151.5709	53k W		
Site 5 (Aubigny)		-27.5046, 151.6825	42 km W		

5.2 Climate and meteorology

5.2.1 Temperature

Mean minimum and maximum temperatures have been collected from the UQ Gatton, Amberley AMO, and Toowoomba BoM stations and are displayed in Table 5.3.

Temperatures for UQ Gatton and Amberley AMO are very similar, with a 0.1°C difference between the mean minimum and mean maximum annual average temperatures at the two locations. However, the Toowoomba monitoring station records a mean maximum annual temperature of 22.6°C, which is approximately 4°C lower than the UQ Gatton and Amberley AMO BoM locations. The mean minimum annual temperature at Toowoomba is also lower than these stations.

The difference in temperature is likely attributable to the difference in monitoring station elevation, with the Toowoomba station located at 691 m above sea level, compared to the other two monitoring stations that are much closer to sea level, each at elevations less than 90 m.

Table 5.3 Mean (blue) and maximum (red) monthly temperatures for Bureau of Meteorology stations

Station	Mean minimum and maximum temperature (°C)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
UQ Gatton[1]	19.1	19.0	17.3	13.7	10.2	7.6	6.2	6.7	9.5	13.2	16.0	18.1	13.0
	31.6	30.8	29.6	27.2	23.8	21.1	20.8	22.5	25.6	28.2	30.2	31.3	26.9
Amberley AMO[2]	19.6	19.5	17.8	14.0	10.0	7.1	5.4	6.2	9.5	13.3	16.3	18.4	13.1
	31.2	30.4	29.4	27.2	24.1	21.6	21.3	22.8	25.6	27.8	29.6	30.8	26.8
Toowoomba[3]	16.7	16.6	15.4	12.3	9.1	6.3	5.3	6.0	8.5	11.5	13.8	15.7	11.4
	27.6	26.6	25.5	22.9	19.6	16.9	16.3	17.9	20.9	23.7	26.0	27.5	22.6

Table notes:

1 Mean maximum and minimum temperature values have been calculated based on 106 years of data (1913 to 2019)
2 Mean maximum and minimum temperature values have been calculated based on 77 years of data (1941 to 2018)
3 Mean maximum and minimum temperature values have been calculated based on 67 years of data (1931 to 1998)

5.2.2 Rainfall

Mean rainfall values have been collected from the UQ Gatton, Amberley AMO, and Toowoomba BoM stations and are presented in Table 5.4.

From inspection of the data, a distinct wet (summer) and dry (winter) season is experienced at the monitoring location annually. Of the three stations, Toowoomba receives the highest amount of rainfall annually (952.4 mm), followed closely by Amberley AMO (864.0 mm) and then UQ Gatton (770.2 mm). Over 39 per cent of average annual rainfall occurs during the three months of summer for each of the stations. The months of winter are the driest at Gatton and Amberley: rainfall over winter accounts for approximately 14 per cent of annual average rainfall in Gatton (104.8 mm) and 13 per cent in Amberley (113.4 mm). August is on average the driest month in Toowoomba, with 39.5 mm.

Table 5.4 Mean monthly and annual rainfall for Bureau of Meteorology stations

Station	Mean rainfall (mm)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual
UQ Gatton[1]	110.1	99.4	79.3	48.6	45.4	41.7	36.4	26.7	34.8	65.0	78.5	99.2	770.2
Amberley AMO[2]	116.9	121.2	85.5	54.5	52.8	46.9	37.6	28.9	33.6	73.3	81.5	119.4	864.0
Toowoomba[3]	132.1	121.1	94.6	61.9	58.4	56.8	52.0	39.5	46.7	72.2	89.5	120.0	952.4

Table notes:

1 Mean rainfall values have been calculated based on 122 years of data (1897 to 2019)
2 Mean rainfall values have been calculated based on 69 years of data (1941 to 2010)
3 Mean rainfall values have been calculated based on 138 years of data (1869 to 2007)

5.2.3 Wind speed and direction

Long-term annual wind speed and direction data was requested from BoM for the UQ Gatton, Toowoomba Airport, and Amberley AMO stations. Wind roses for each of these stations for the most recent years with available data are presented in Figure 5.2, Figure 5.3, and Figure 5.4. The wind roses show the following:

- Figure 5.2 shows that the predominant wind directions recorded at Amberley AMO over the period 2008 to 2017 are easterly and east-north-easterly. The proportion of calm conditions is 5 per cent.
- Figure 5.3 shows that the predominant wind direction at UQ Gatton is westerly, however easterly winds are more prevalent during warmer seasons. The proportion of calm conditions is 5 per cent.
- Figure 5.4 shows that the predominant wind direction at Toowoomba is easterly, with very little variation recorded in different seasons. The proportion of calm conditions is 0.2 per cent.

Overall, analysis of the annual wind roses shows that the wind speed and directions at each monitoring station varies significantly. This variation is due to the influence of terrain and land use on local scale winds, which is discussed further in Section 5.5.

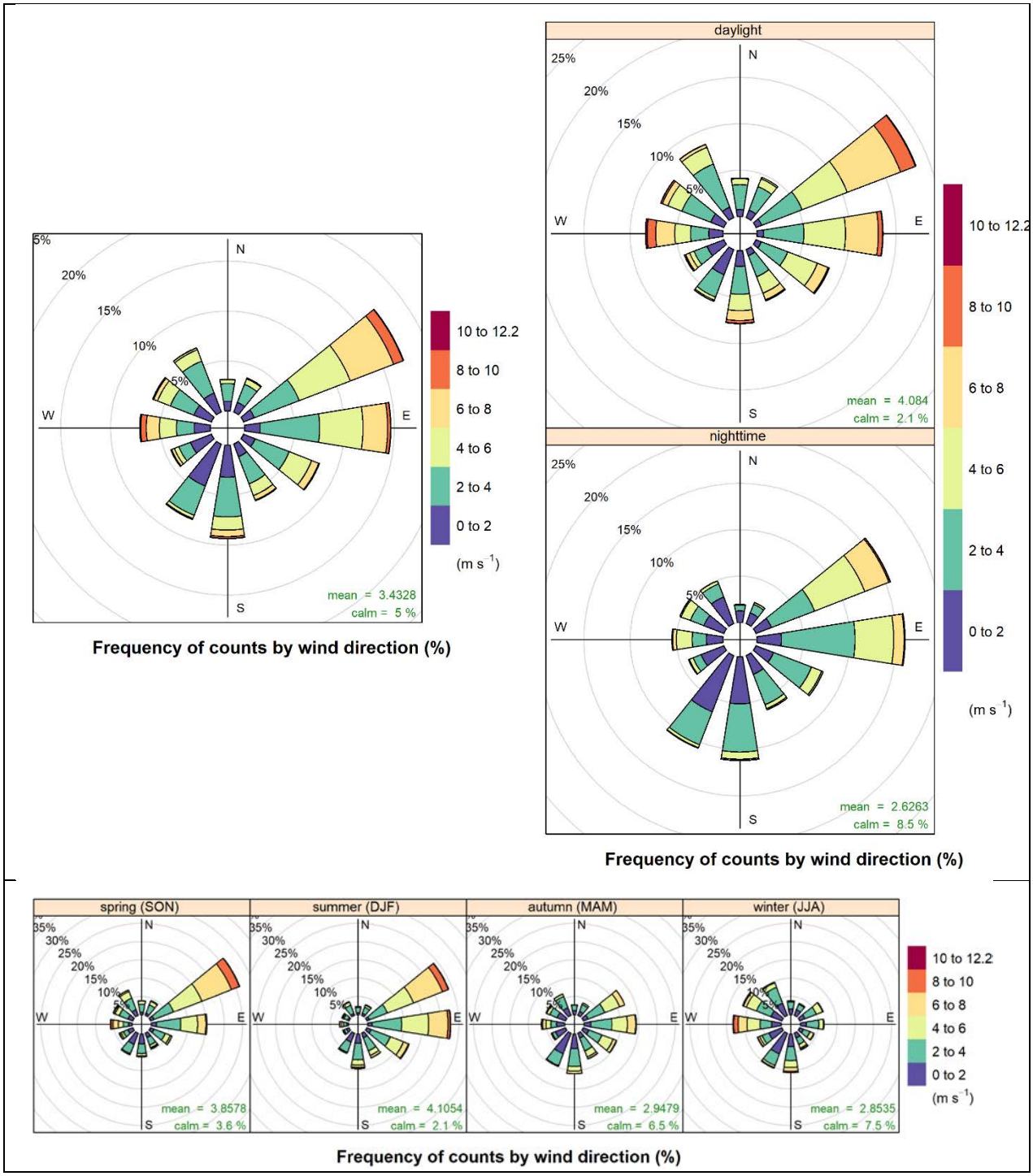


Figure 5.2 **Bureau of Meteorology Amberley AMO station wind roses for 2008 to 2017: all hours (top left); daylight and night-time hours (top right); and seasons (bottom)**

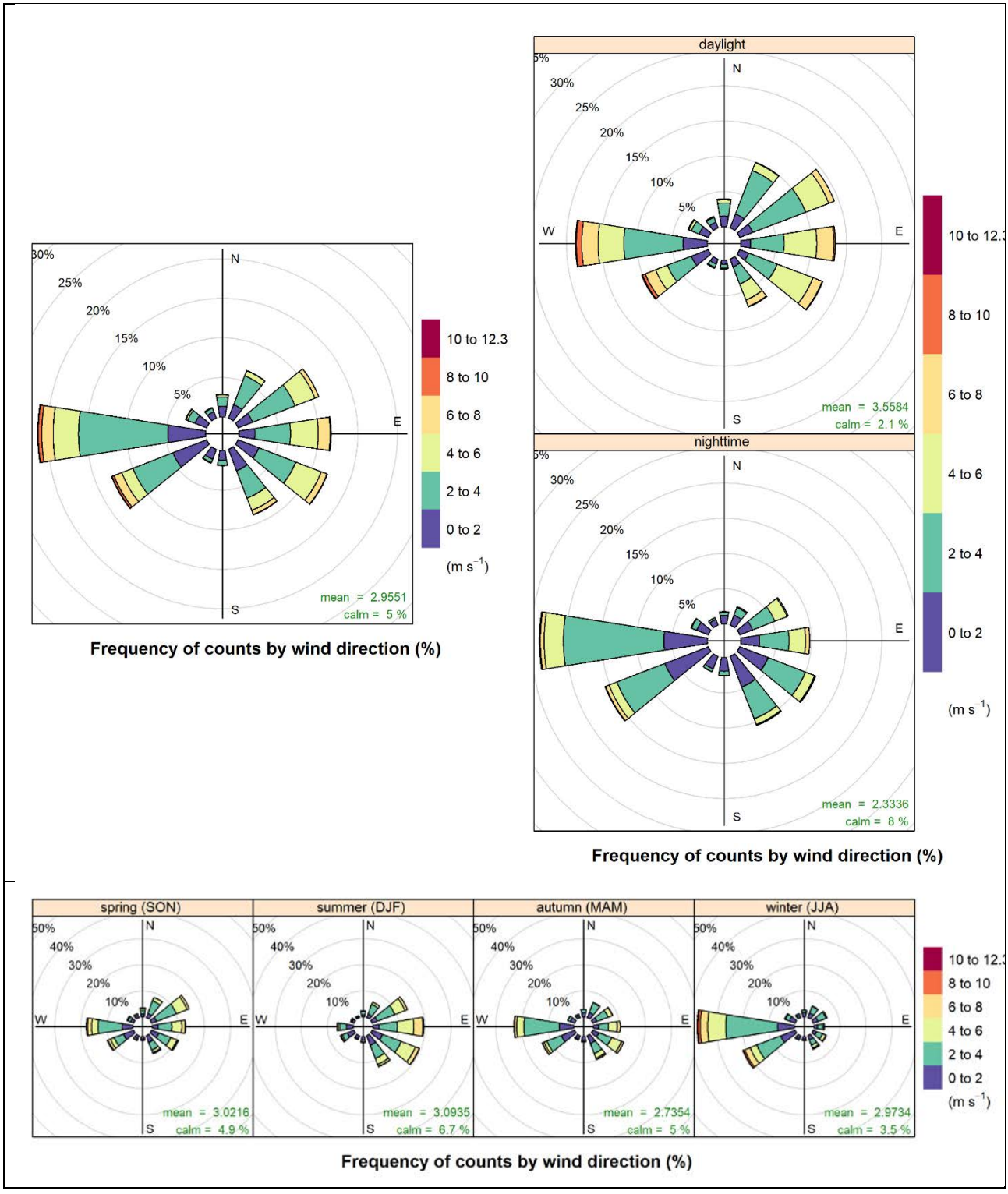


Figure 5.3 **Bureau of Meteorology UQ Gatton station wind roses for 2010 to 2017: all hours (top left); daylight and night-time hours (top right); and seasons (bottom)**

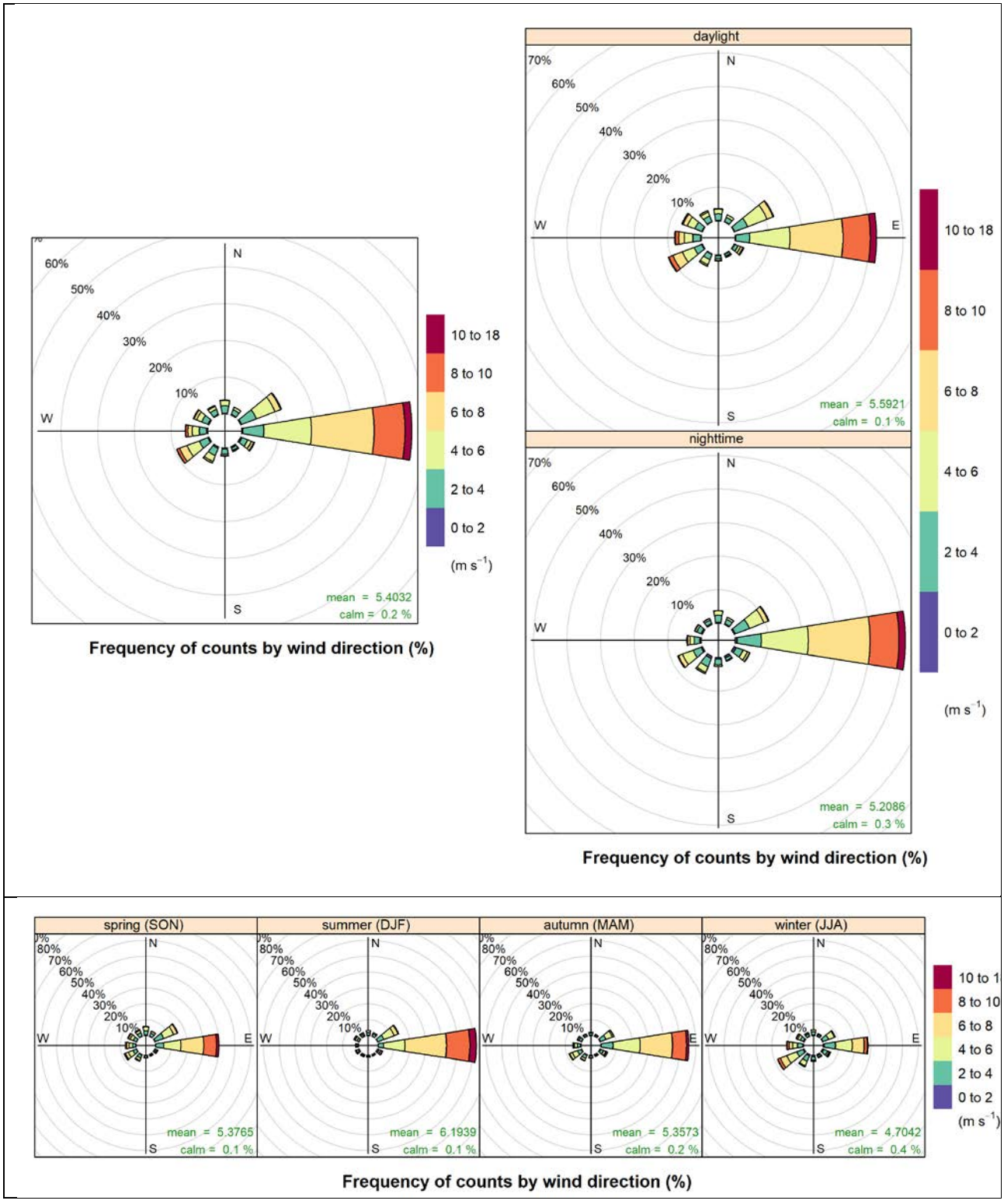


Figure 5.4 **Bureau of Meteorology Toowoomba station wind roses for 2010 to 2017: all hours (top left); daylight and night-time hours (top right); and seasons (bottom)**

5.2.4 Atmospheric stability

Stability is a measure of the convective properties of a parcel of air. Stable conditions occur when convective processes are low, while unstable conditions are associated with stronger convective processes, which are associated with potentially rapid changes in temperature. Stable atmospheres occur when a parcel of air is cooler than the surrounding environment, so the parcel of air (and any pollution within it) sinks. Conversely, unstable atmospheres occur when a parcel of air is warmer than the surrounding environment, making the parcel of air buoyant and, subsequently, leading to the parcel of air rising.

Stability is commonly explained using Pasquill-Gifford A – F stability class designations Classes A, B and C represent unstable conditions, with class A representing very unstable conditions and C representing slightly unstable conditions. Class D stability corresponds to neutral conditions, which are typical during overcast days and nights. Classes E and F correspond to slightly stable and stable conditions respectively, which occur at night.

Stability class data extracted from the CALMET files for locations representing the BoM UQ Gatton station and the western and eastern portals of the Little Liverpool Range tunnel are presented in Figure 5.5, Figure 5.6 and Figure 5.7. The figures show the prevalence of stable conditions during the night hours and neutral and unstable conditions during the day.

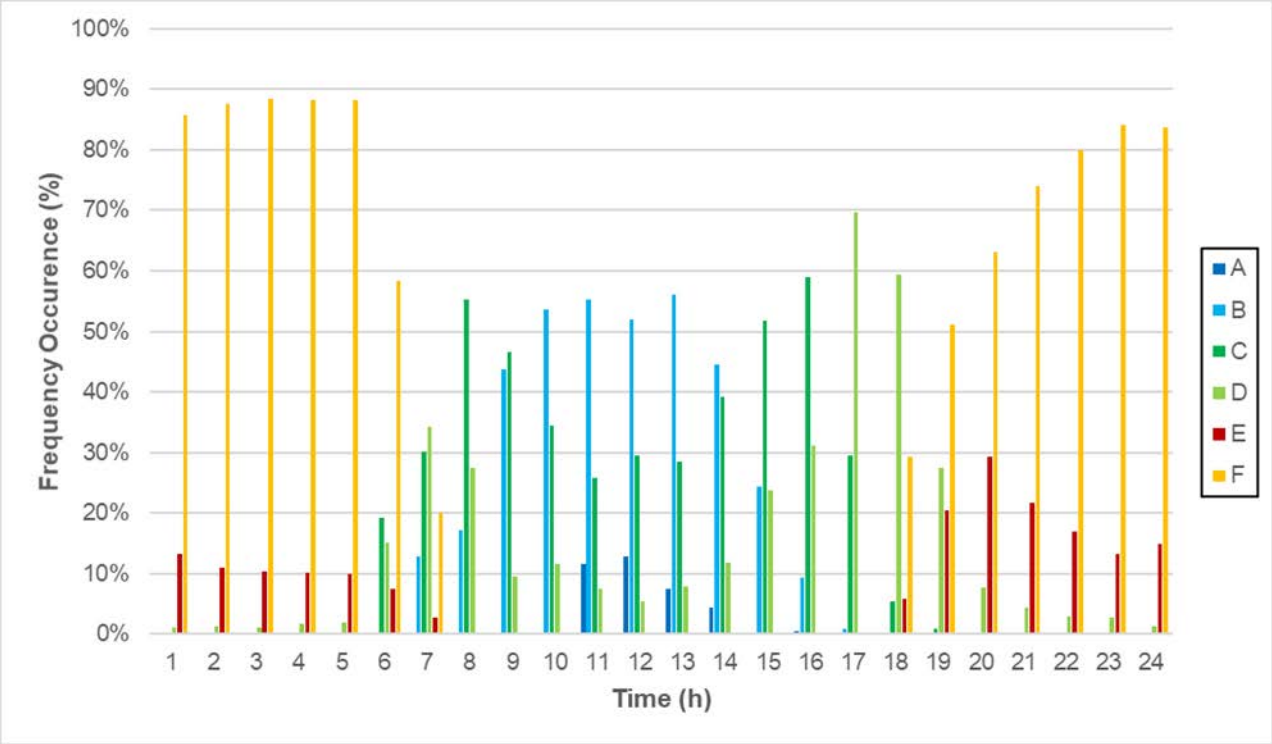


Figure 5.5 **Hourly stability class frequency for Bureau of Meteorology UQ Gatton (CALMET Generated)**

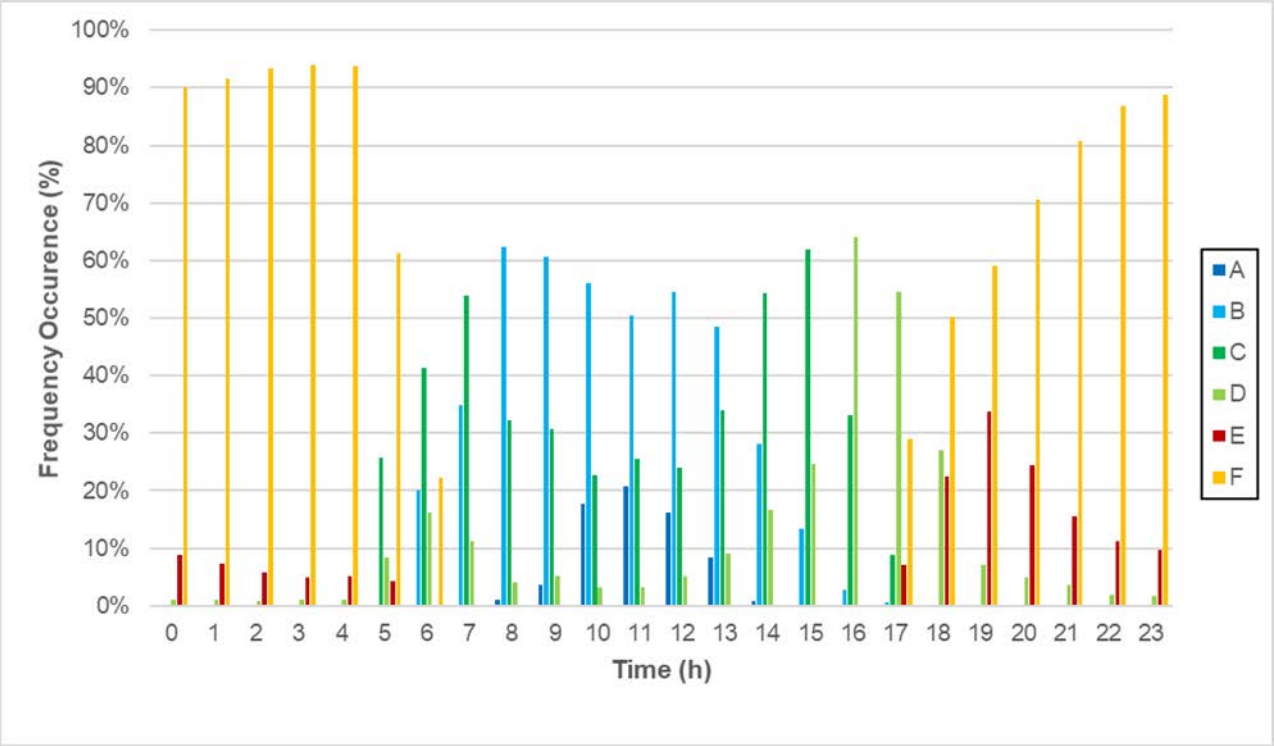


Figure 5.6 **Hourly stability class frequency for Little Liverpool Range tunnel western portal (CALMET generated)**

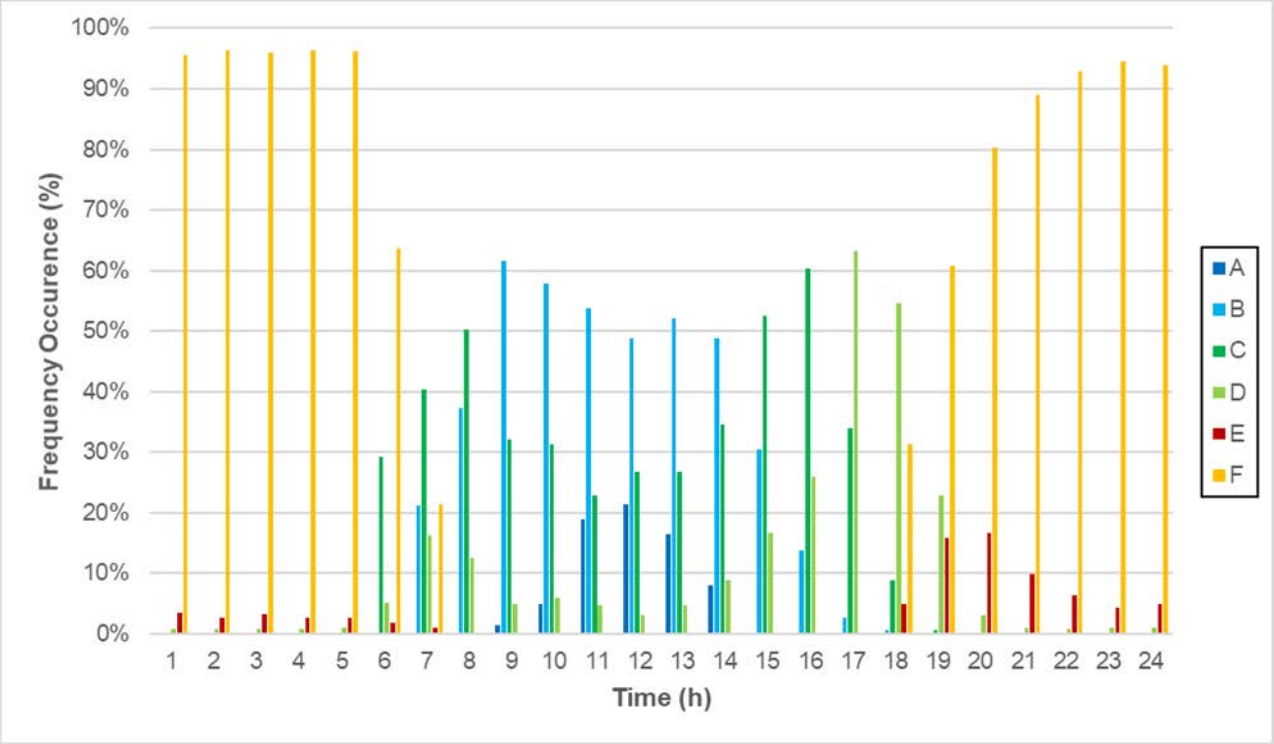


Figure 5.7 **Hourly stability class frequency for Little Liverpool Range tunnel eastern portal (CALMET generated)**

5.2.5 Mixing height

Mixing height is estimated within CALMET for stable and convective conditions with a minimum mixing height of 50 m. Figure 5.8, Figure 5.9 and Figure 5.10 present mixing height statistics by hour of day across the meteorological dataset (2013) as generated by CALMET for the BoM UQ Gatton station and at the western and eastern portals of the Little Liverpool Range tunnel. The mixing heights calculated are consistent with general atmospheric processes and show increased vertical mixing with the progression of the day, as well as lower mixing heights during night time. In addition, peak mixing heights are consistent with typical ranges.

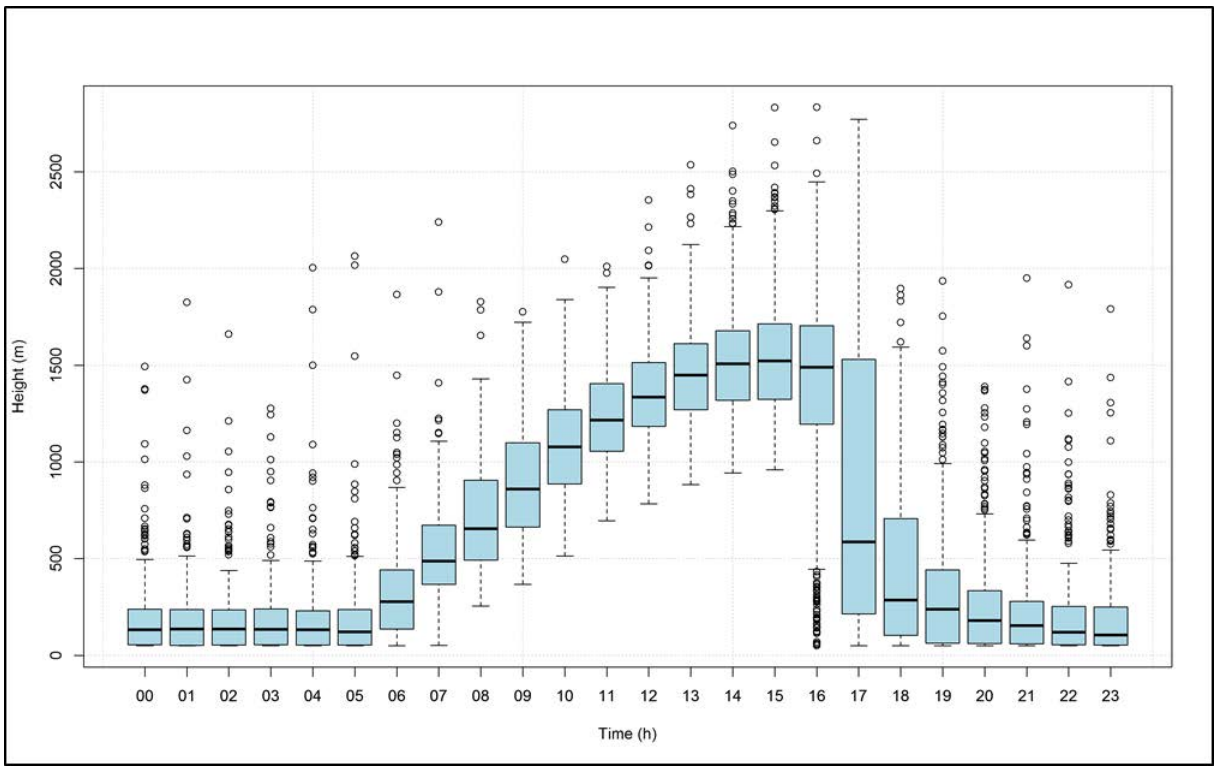


Figure 5.8 **Mixing height statistics for Bureau of Meteorology UQ Gatton (CALMET Generated)**

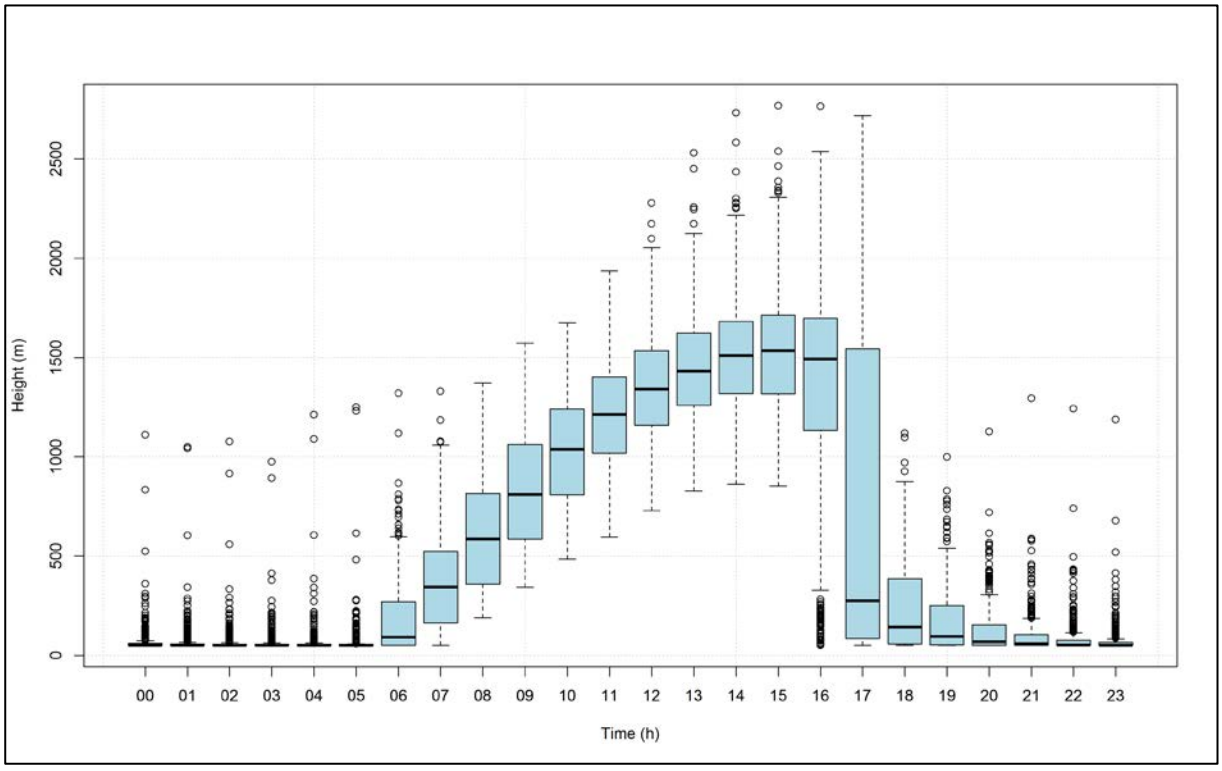


Figure 5.9 **Mixing height statistics for the western portal of Little Liverpool Range tunnel (CALMET Generated)**

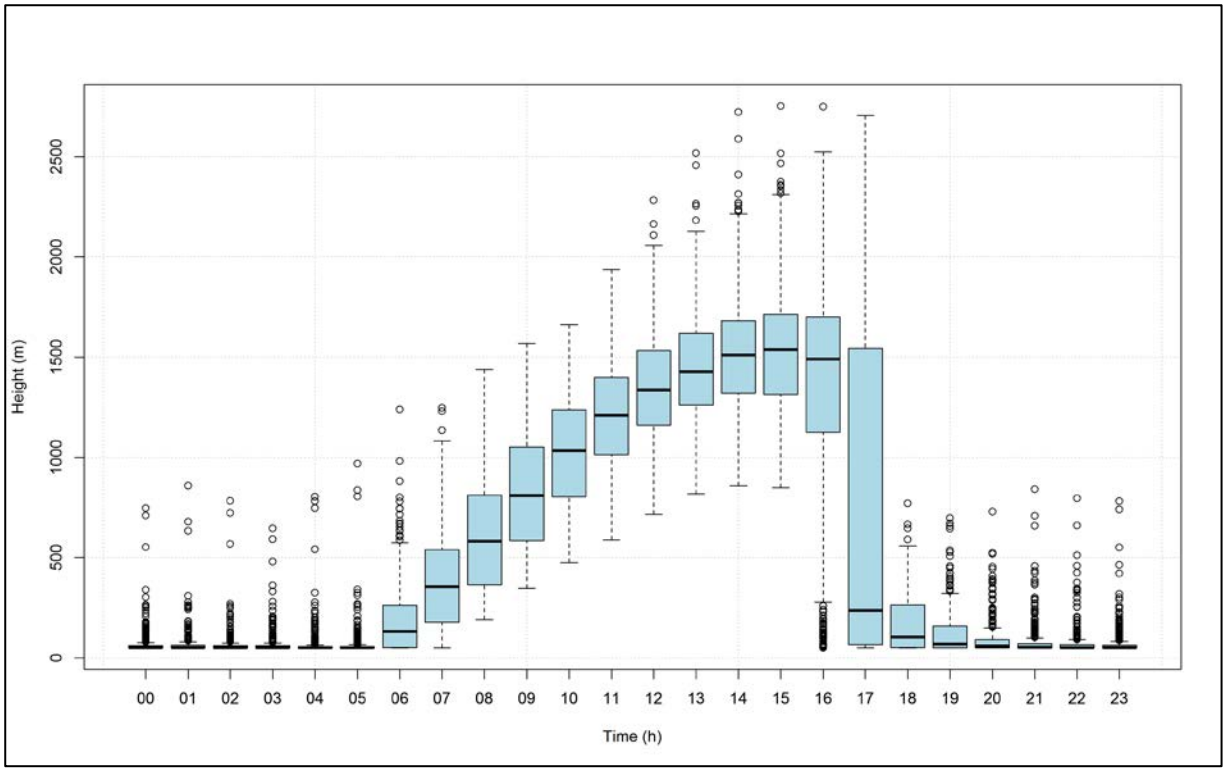


Figure 5.10 **Mixing height statistics for the eastern portal of Little Liverpool Range tunnel (CALMET Generated)**

5.3 Background air quality

5.3.1 Data analysis and availability

The datasets reviewed in this section have been sourced from Inland Rail AQMS and DES as validated datasets. The DES station data does contain gaps which are either missing or invalidated by DES. Data that exists in the dataset is considered to be representative of actual pollutant concentrations in the air at the time of monitoring. The datasets consist of hourly averages that have been summarised and analysed for the required averaging periods. Where there was less than 75 per cent available valid data for an averaging period then that averaging period was not calculated. Annual averages were considered valid when at least three of the year quarterly periods had a data availability threshold of at least 75 per cent, as per guidance from NEPM (2001).

5.3.2 Particulate matter

Airborne concentrations of particulate matter are measured at the Inland Rail AQMS monitoring station and three DES stations, specifically: Flinders View (PM_{10} only), Rocklea and Springwood (both PM_{10} and $PM_{2.5}$). The Flinders View station is located approximately 23 km to the east of the alignment, with the Rocklea and Springwood stations also located to the east at distances of approximately 47 km and 60 km respectively.

5.3.2.1 PM_{10} monitoring data from Department of Environment and Science stations

Available PM_{10} concentration data from Flinders View, Rocklea and Springwood from 2010 to 2017 has been analysed. Daily averages for these stations are presented in Figure 5.11 and compared with the air quality goals. Measured 24 hour and annual average PM_{10} concentrations are presented in Table 5.5 and Table 5.6.

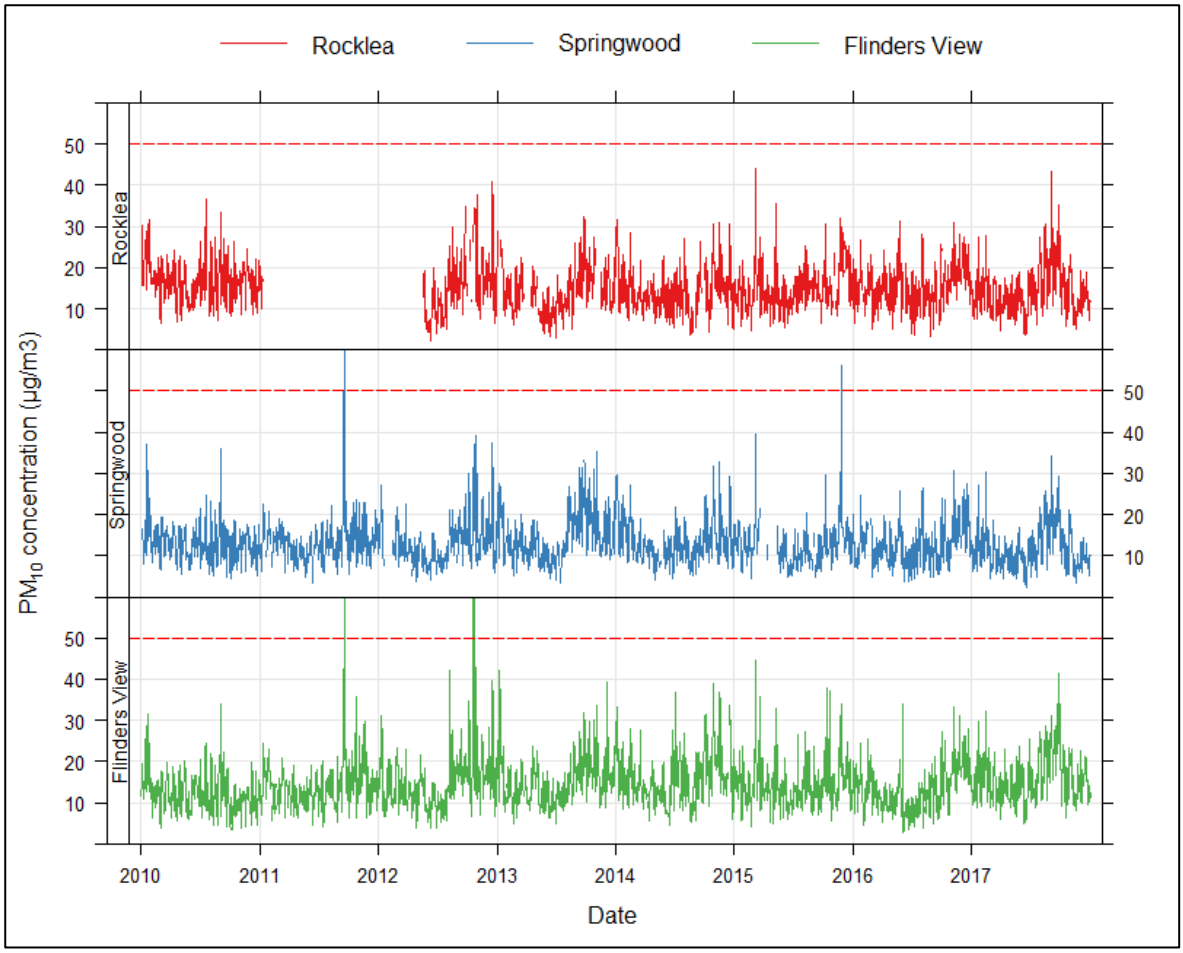


Figure 5.11 **Measured 24 hour PM_{10} averages at Rocklea, Springwood, and Flinders View**

Figure note: Red dotted line is air quality goal.

Table 5.5 **Measured 24 hour PM_{10} concentrations (µg/m³) for Rocklea, Springwood and Flinders View**

Monitoring station	2010	2011	2012	2013	2014	2015	2016	2017
Maximum 24 hour average concentration								
Rocklea	36.8	20.4	41.0	32.2	31.6	44.0	31.2	43.2
Springwood	37.1	**61.2**	39.2	35.4	32.7	**56.1**	30.6	34.4
Flinders View	33.9	**67.0**	**73.8**	42.2	38.8	44.5	34.0	41.2
Number of exceedances								
Rocklea	0	0	0	0	0	0	0	0
Springwood	0	2	0	0	0	1	0	0
Flinders View	0	2	2	0	0	0	0	0
Highest concentration below criterion								
Rocklea	36.8	20.4	41.0	32.2	31.6	44.0	31.2	43.2
Springwood	37.1	39.8	39.2	35.4	32.7	39.6	30.6	34.4
Flinders View	33.9	35.8	42.7	42.2	38.8	44.5	34.0	41.2
70th Percentile 24 hour average concentration								
Rocklea	18.8	17.4	17.9	16.5	15.6	16.8	17.2	16.5
Springwood	14.5	14.6	14.7	16.0	13.9	14.3	14.3	13.5
Flinders View	13.9	15.6	16.7	17.2	17.8	16.0	15.4	18.7
Air quality goal	**50**							

Table note: Highest monitored concentrations for each station are underlined, with exceedances of the air quality goal presented in **bold**.

Table 5.6 Measured annual average PM_{10} concentrations ($\mu g/m^3$) for Rocklea, Springwood and Flinders View

Monitoring station	2010	2011	2012	2013	2014	2015	2016	2017
Rocklea	16.7	-	15.1	14.2	14.0	14.9	15.1	14.3
Springwood	12.9	13.3	13.2	14.2	13.1	12.5	12.4	11.7
Flinders View	12.2	14.1	15.0	15.0	15.9	14.6	13.1	16.2
Air quality goal	**25**							

Table note:
Highest monitored concentrations for each station are underlined.

From review of the analysed data, several exceedances of the PM_{10} 24 hour air quality goal (50 $\mu g/m^3$) were measured at the Springwood and Flinders View monitoring stations. These exceedances were recorded in 2011, 2012, and 2015, with the highest recorded concentrations at Flinders View 73.8 $\mu g/m^3$ (2012) and 61.2 $\mu g/m^3$ (2011) for Springwood. According to DSITI (2012 and 2013), all exceedances for 2011 and 2012 at SEQ monitoring sites were the result of bushfire smoke. The exceedance recorded at the Springwood monitoring station in 2015 was cited to be resultant from localised sources and unlikely to be from industry or motor vehicle emissions (DSITI 2016). The highest recorded concentration at the Rocklea monitoring station occurred in 2015, with a maximum 24 hour concentration of 44.0 $\mu g/m^3$ (6 March 2015). A peak concentration can be observed on this date for the Springwood and Flinders View stations, and therefore it is expected that this high concentration was resultant of a regional source such as a bushfire or regional dust event.

Analysis of the annual PM_{10} concentrations showed no exceedance of the air quality goal (25 $\mu g/m^3$). Rocklea annual averages ranged from 14.0 $\mu g/m^3$ (2014) to 16.7 $\mu g/m^3$ (2010). Concentrations from the Springwood station were consistently equal to or lower than those recorded at Rocklea, ranging from 11.7 $\mu g/m^3$ (2017) to 14.2 $\mu g/m^3$ (2013). Comparatively, Flinders View shows greater variability than the other two stations with annual averages at this location ranging from 12.2 $\mu g/m^3$ to 16.2 $\mu g/m^3$.

Based upon siting of the Flinders View monitoring station in comparison to the Rocklea and Springwood monitoring stations, it is considered more representative of the PM_{10} concentrations expected within the AQIA study area and has been used in this assessment.

5.3.2.2 PM_{10} monitoring data from the Inland Rail air quality monitoring station

Available PM_{10} concentration data from the Inland Rail AQMS from 20 July 2018 to 31 August 2019 has been analysed. Period average and 24 hour average PM_{10} concentrations are presented in Figure 5.12 and compared with the relevant air quality goals. Statistics for the measured PM_{10} concentrations are presented in Table 5.7. Table 5.7 presents the statistical concentrations as measured over the entire monitoring period 20 July 2018 to 31 August 2019, and the statistical concentrations measured over the most recent 12 months of monitoring (1 September 2018 to 31 August 2019).

The monitoring period covered one of the driest summers on record in the region, with several dust storms and bushfires occurring in central and SEQ during this period. The DES air quality bulletins for SEQ during the monitoring period note that hazard reduction burning, dust storms and bushfires resulted in exceedances of QLD PM_{10} air quality goals. These events are expected to be the cause of the exceedances of the 24 hour PM_{10} goal as shown in Figure 5.12.

Table 5.7 **Measured 24 hour and period average PM_{10} concentration statistics (µg/m^3) for the Inland Rail air quality monitoring station**

Monitoring period	Period average	24 hour maximum	24 hour 70th percentile	Number of exceedances of 24 hour criteria	Data capture (per cent)
20 July 2018 to 31 August 2019 (entire period)	17.3	171.4	18.0	9	96
1 September 2018 to 31 August 2019 (most recent 12 months)	17.1	171.4	17.4	9	97
Air quality goals	**50 µg/m^3 (24 hour)** **25 µg/m^3 (Annual)**				

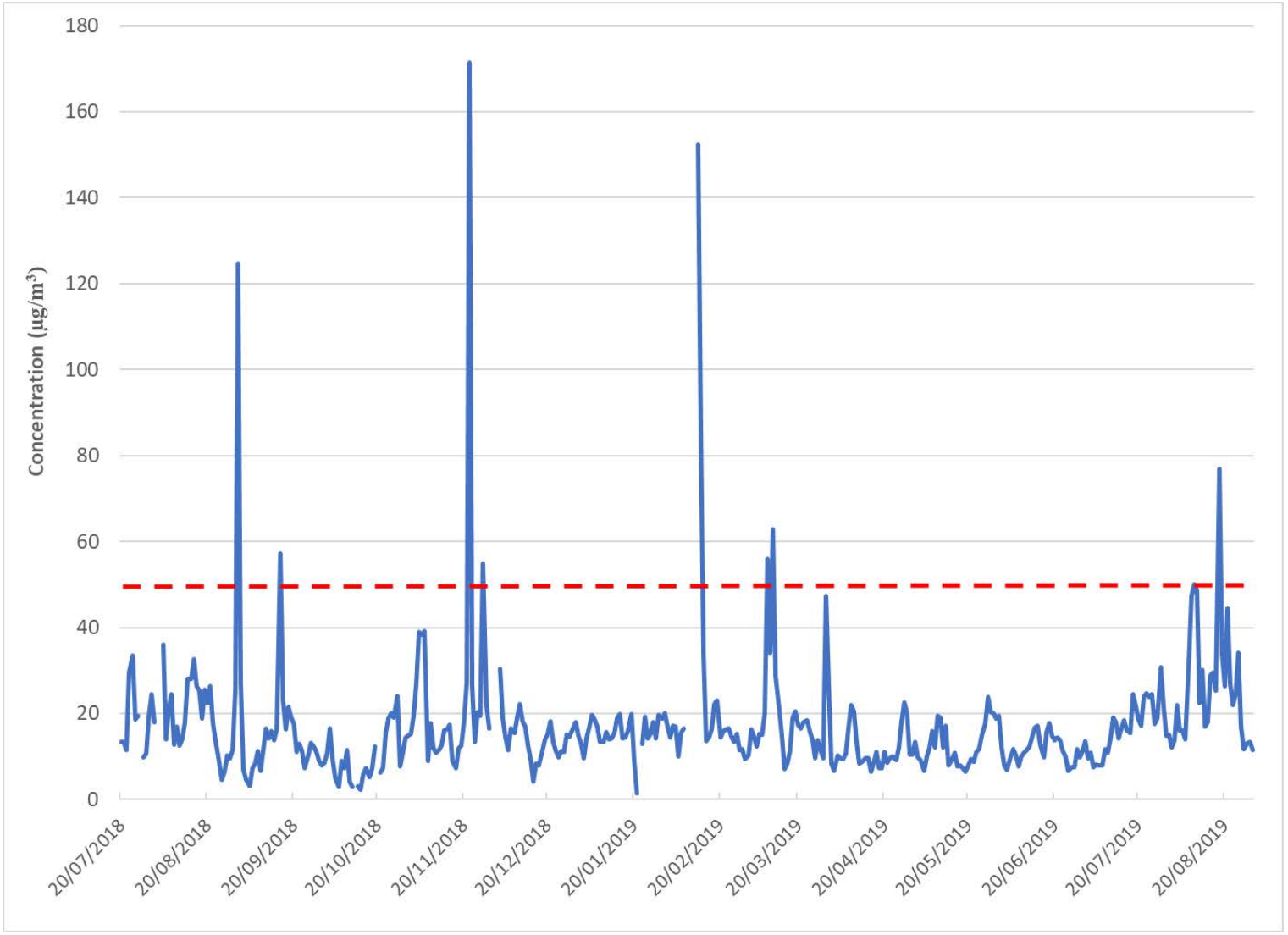


Figure 5.12 **Measured 24 hour PM_{10} concentrations ($\mu g/m^3$) at the Inland Rail air quality monitoring station**

Figure note:
Red dotted line is air quality goal.

5.3.2.3 $PM_{2.5}$ monitoring data from Department of Environment and Science stations

For the measurement of fine particulate matter, especially $PM_{2.5}$, it is important to understand the measurement methodology utilised. At the majority of $PM_{2.5}$ monitoring stations in SEQ, $PM_{2.5}$ is measured utilising dichotomous tapered element oscillation microbalance (TEOM) following Australian Standard methodologies. Select monitoring stations also utilise filter dynamics measurement systems (FDMS), which are an additional attachment to the TEOM measurement instruments.

A FDMS system compensates for the loss of semi-volatile components from the collected particulate matter. This is especially important in the quantification of fine particulate matter, as semi-volatile components can make up a considerable proportion of measured particulate matter. As such, monitoring by TEOM methods utilising a FDMS will likely result in higher measured $PM_{2.5}$ concentrations, presuming there is a significant semi-volatiles component. A significant semi-volatiles component would be expected in urban areas where emissions from industry and motor vehicles are present. Conversely, a TEOM $PM_{2.5}$ particulate monitoring instrument without an installed FDMS may underestimate concentrations, should a significant semi-volatile component be present. Therefore, it is an important consideration when interrogating $PM_{2.5}$ monitoring data to understand the monitoring methodology.

Table 5.8 presents all the SEQ DES monitoring stations which measure $PM_{2.5}$ and whether FDMS instrumentation is used. The monitoring station type is also presented in Table 5.8, as classified by AAQ NEPM.

Table 5.8 Monitoring stations types and filter dynamics measurement systems capability

Site	Station type	2011	2012	2013	2014	2015	2016	2017
		FDMS Installed on $PM_{2.5}$ TEOM						
Rocklea	GRUB[1]	-	-	Yes	Yes	Yes	Yes	Yes
Springwood	PMS[2] – Population average	No	No	No	No	No	Yes[3]	Yes
Wynnum North	Industry operated	No	No	No	No	No	No	No
Wynnum West	Industry operated	-	-	-	No	No	No	No
Cannon Hill	Industry operated	-	-	-	Yes	Yes	Yes	Yes
Lytton	Industry operated	-	-	-	No	No	No	No
South Brisbane	Peak (roadside)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Woolloongabba	Peak (roadside)	Yes	Yes	Yes	Yes	-	-	Yes

Table notes:

1 GRUB – Generally representative upper bound
2 PMS – Performance monitoring station: nominated location to measure achievement against the goal of AAQ NEPM
3 FDMS installed on $PM_{2.5}$ TEOM at Springwood monitoring station on 25 February 2016.

Based on station type, location and presence of FDMS, Rocklea and Springwood are considered to provide the most appropriate background monitoring data. The most recent seven years of available $PM_{2.5}$ monitoring data have been reviewed for the Rocklea and Springwood stations.

Measured 24 hour averages for these stations are presented in Figure 5.13 and compared with the air quality goal of 25 µg/m^3. The measured 24 hour $PM_{2.5}$ concentrations for Springwood and Rocklea are also presented in Table 5.9.

Average annual $PM_{2.5}$ concentrations for the period from 2011 to 2017 are presented in Table 5.10.

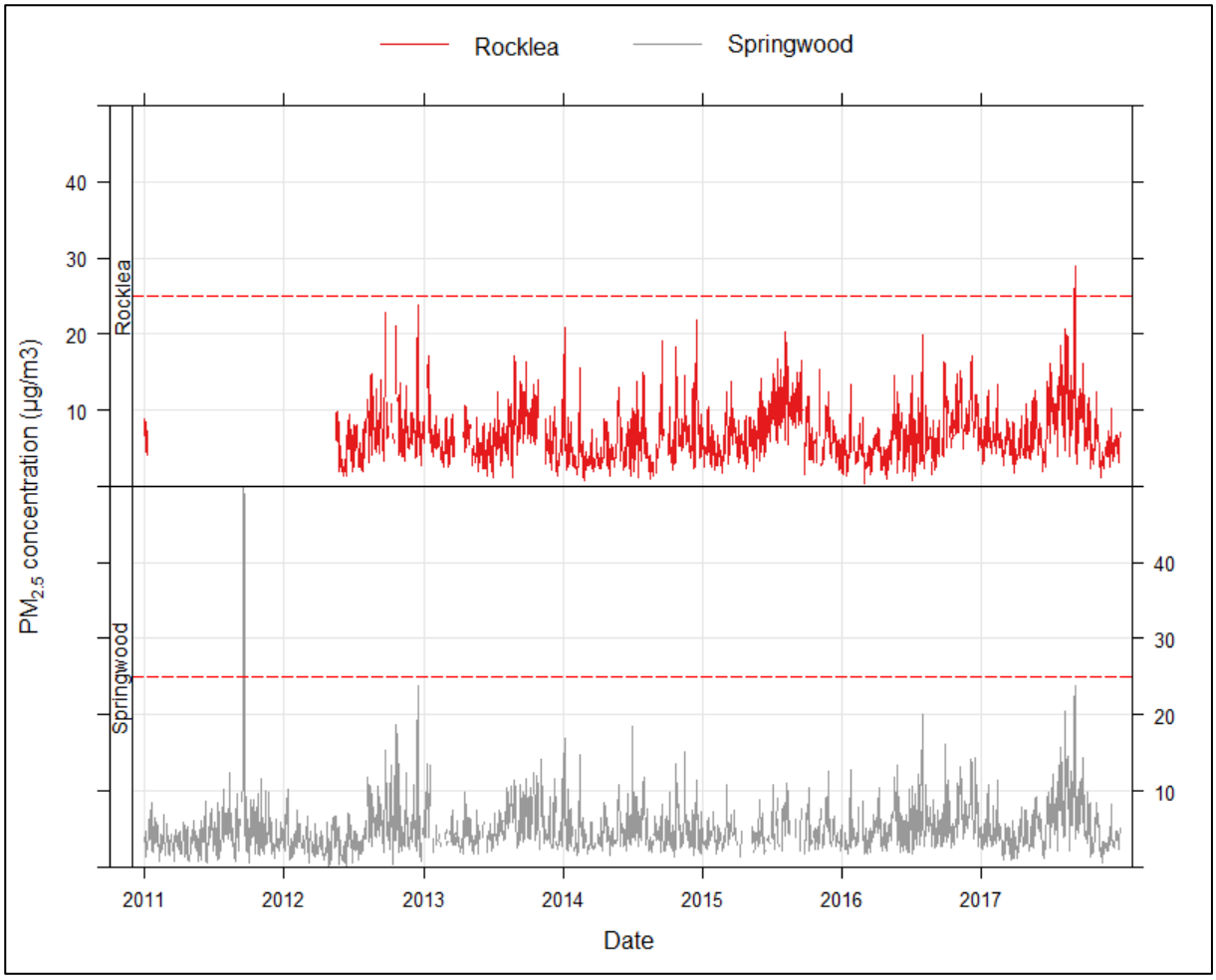


Figure 5.13 Measured 24 hour $PM_{2.5}$ concentrations (µg/m³) at Rocklea and Springwood

Figure note:
Red dotted line is air quality goal.

Table 5.9 Measured 24 hour $PM_{2.5}$ concentrations (µg/m³) at Rocklea and Springwood

Monitoring station	2011	2012	2013	2014	2015	2016	2017
Maximum 24 hour average concentration							
Rocklea	8.8	23.7	17.2	21.9	20.3	19.9	**28.9**
Springwood	**51.2**	23.7	14.2	18.4	12.6	20.1	23.9
Number of exceedances							
Rocklea	0	0	0	0	0	0	1
Springwood	3	0	0	0	0	0	0
Highest concentration below criterion							
Rocklea	8.8	23.7	17.2	21.9	20.3	19.9	23.3
Springwood	16.4	23.7	14.2	18.4	12.6	20.1	23.9
70th Percentile 24 hour average concentration							
Rocklea	-	8.1	7.6	6.6	8.8	7.8	8.3
Springwood	4.8	5.1	6.0	5.5	5.1	6.4	6.1
Air quality goal	**25**						

Table note:
Highest monitored concentrations for each station are underlined, with exceedances of the air quality goal presented in **bold**.

Table 5.10 Annual $PM_{2.5}$ averages ($\mu g/m^3$) at Rocklea and Springwood

$PM_{2.5}$ annual average ($\mu g/m^3$)	2011	2012	2013	2014	2015	2016	2017
Rocklea	-	-	6.6	5.8	7.3	6.5	7.3
Springwood	4.4	4.4	5.2	4.9	4.5	5.7	5.4
Air quality goal	**8**						

Table note:
Highest monitored concentrations for each station are underlined.

Table 5.9 shows that the 24 hour average $PM_{2.5}$ goal of 25 $\mu g/m^3$ was exceeded once at Rocklea in 2017 and three times at Springwood in 2011. According to the QLD air monitoring reports for 2011 and 2017 (DSITI 2012 and DES 2018), all $PM_{2.5}$ exceedances recorded at Rocklea and Springwood were due to bushfire smoke.

Table 5.10 shows that the annual average $PM_{2.5}$ goal of 8 $\mu g/m^3$ has not been exceeded in the period from 2011 to 2017 at either Rocklea or Springwood.

In addition to the monitoring undertaken at Rocklea and Springwood, the Qld EPA completed campaign monitoring in North Toowoomba for $PM_{2.5}$ for the years 2006 and 2007. The monitoring recorded annual average $PM_{2.5}$ concentrations of 4.1 $\mu g/m^3$ (2006) and 3.6 $\mu g/m^3$ (2007) (Qld EPA 2007 and 2008), which are lower than the concentrations measured at Rocklea and Springwood in recent years. The North Toowoomba monitoring station subsequently ended its campaign monitoring of $PM_{2.5}$ in 2008.

Based on the local environment of monitoring station and the use of suitable monitoring equipment (FDMS), data from 2016 and 2017 for Springwood represents the best estimate of background $PM_{2.5}$ for the AQIA study area and has been used in the assessment.

5.3.2.4 $PM_{2.5}$ monitoring data from the Inland Rail air quality monitoring station

Available $PM_{2.5}$ concentration data from the Inland Rail AQMS from 20 July 2018 to 31 August 2019 has been analysed to provide an estimate of existing $PM_{2.5}$ concentrations for the AQIA study area. The monitoring equipment used at the AQMS were Met One BAM-1020 continuous particulate monitors. These monitors measure particulate matter concentration via beta ray attenuation and therefore do not have the issues with volatiles as discussed for TEOMs. The monitoring data obtained from the AQMS is considered appropriate for use in the assessment.

Average 24-hour $PM_{2.5}$ concentrations are presented in Figure 5.14 and compared with the air quality goal (25 $\mu g/m^3$). Statistics for the measured $PM_{2.5}$ concentrations are presented in Table 5.11. Table 5.11 presents the statistical concentrations as measured over the entire monitoring period 20 July 2018 to 31 August 2019, and the statistical concentrations measured over the most recent 12 months of monitoring (1 September 2018 to 31 August 2019).

The monitoring period covered one of the driest summers on record in the region, with several dust storms and bushfires occurring in central and SEQ during this period. These events are expected to be the cause of the exceedances of the 24 hour $PM_{2.5}$ goal as shown in Figure 5.14.

Table 5.11 24-hour and period average $PM_{2.5}$ concentration statistics ($\mu g/m^3$) for Inland Rail air quality monitoring station

Monitoring period	Period average	24 hour Maximum	24 hour 70th Percentile	Number of exceedances of 24 hour criteria	Data capture (per cent)
20 July 2018 to 31 August 2019 (entire period)	6.5	32.2	7.5	2	87
1 September 2018 to 31 August 2019 (most recent 12 months)	6.5	32.2	7.6	2	90
Air quality goals	**25 $\mu g/m^3$ (24 hour)** **8 $\mu g/m^3$ (Annual)**				

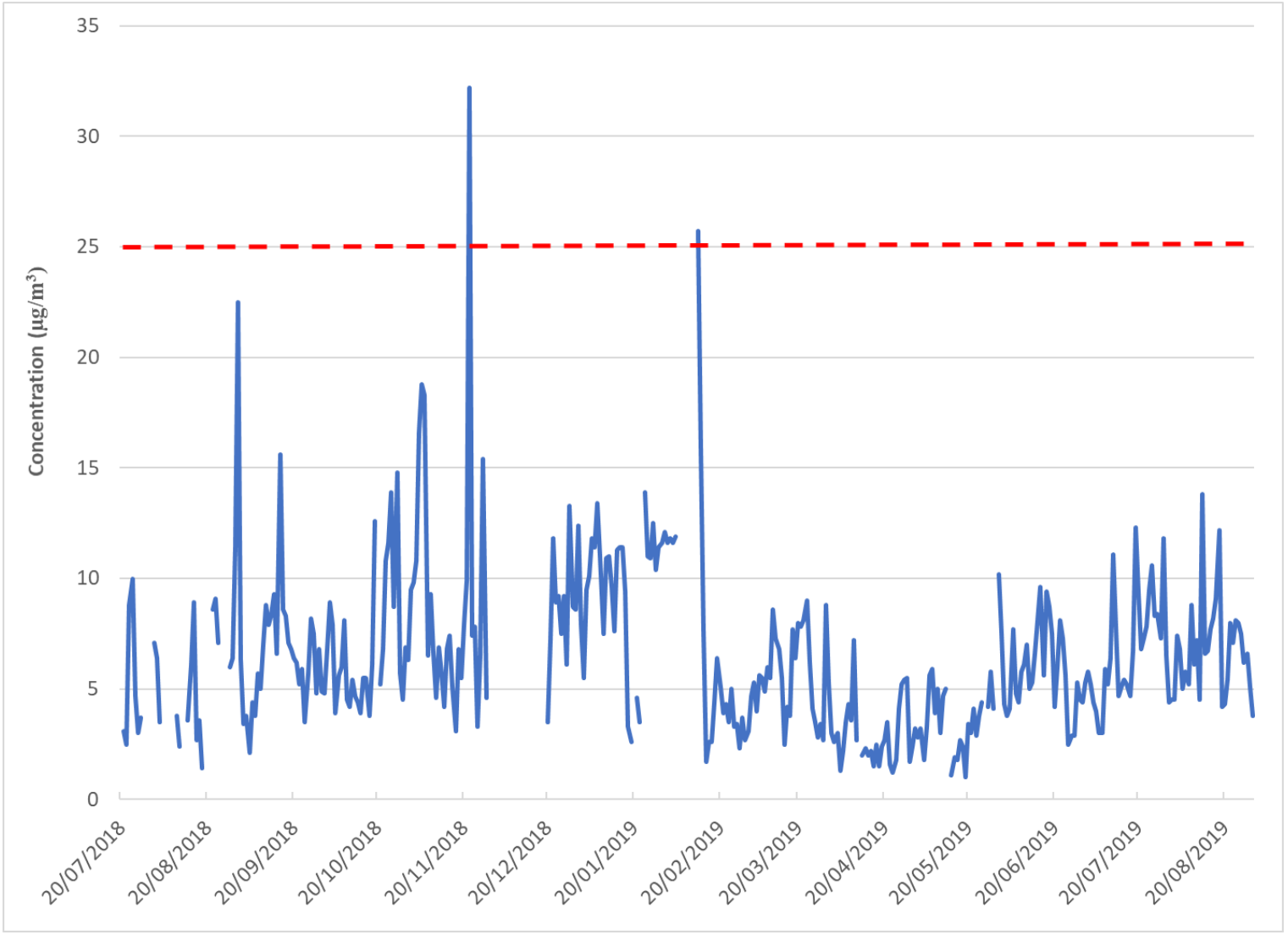


Figure 5.14 **Measured 24 hour average PM2.5 concentrations (µg/m³) at the Inland Rail air quality monitoring station**

Figure note:
Red dotted line is air quality goal.

5.3.2.5 Total suspended particulates

There are no measured values that were sampled using compliant methodologies for TSP in the DES data. As such, TSP was estimated from the measured annual PM_{10} using a ratio of 2.5, which is based on a PM_{10}: TSP ratio of 0.4 as reported by the Australian Coal Association Research Program (ACARP 1999), which is a ratio commonly applied for air quality assessments in QLD. This is considered a conservative estimate and is likely an over estimation of the actual TSP present. However, this is a common ratio for dust and is considered appropriate in the absence of recently monitored data. Table 5.12 presents the derived annual average TSP concentrations for the Rocklea, Springwood, and Flinders View stations.

Table 5.12 Calculated annual average TSP concentrations (µg/m^3) for Rocklea, Springwood and Flinders View

Monitoring station	2011	2012	2013	2014	2015	2016	2017
Rocklea	-	37.8	35.5	35.0	37.3	37.8	35.8
Springwood	33.3	33.0	35.5	32.8	31.3	31.0	29.3
Flinders View	35.3	37.5	37.5	39.8	36.5	32.8	40.5
Air quality goal	**90**						

Table note:
Highest monitored concentrations for each station are underlined.

5.3.3 Deposited dust

A three-month deposited dust monitoring program was conducted for the Inland Rail Project in 2016, as part of the *Yelarbon to Gowrie (Y2G) Preliminary Environmental Assessment (PEA) Report* (AECOM 2017). The Y2G section was a previous alignment option which is now included in the Border to Gowrie (B2G) alignment. The monitoring was conducted at four sites in accordance with AS/NZS 3580.10.1:2003 (Australian/New Zealand standards 2003). The measured dust deposition rates (reported as total insoluble solids) are presented in Table 5.13. The highest measured rate of 50 mg/m^2/day (measured at Site 3 during May/June 2016) has been adopted as the background concentration for the AQIA study area.

Table 5.13 Measured deposited dust levels

Site	Location (UTM, zone 56)	Dust deposition Rate (mg/m^2/day)		
Monitoring period		**3/05/2016 - 2/06/2016**	**2/06/2016 - 30/06/2016**	**30/06/2016 - 28/07/2016**
Site 2 (Brookstead)	347243 m E, 6928614 m S	27	36	29
Site 3 (Pampas)	343377 m E, 6924651 m S	50	36	25
Site 4 (Mt Tyson)	358930 m E, 6949387 m S	20	25	18
Site 5 (Aubigny)	369867 m E, 6956982 m S	40	36	18

5.3.4 Nitrogen dioxide

Several NO_2 monitoring stations are located in the assessment domain, with stations located at Mutdapilly, Flinders View and North Maclean. The Mutdapilly monitoring site is the closest to the Project alignment, located 15 km to the south-east. The Mutdapilly site has no significant local emission sources and therefore provides an ideal source of background data for NO_2.

Maximum 1 hour and annual average NO_2 concentrations for Mutdapilly, North Maclean and Flinders View for the period from 2011 to 2017 are presented in Table 5.14 and Table 5.15.

It is noted that the USEPA's OLM has been used to predict ground level concentrations of NO_2 as discussed in Section 4.4.2.10. The OLM considers the ambient concentrations of O_3 and NO_2 to determine the resulting cumulative NO_2 concentration with contribution (emissions) from the source under assessment (the Project). To facilitate the use of the OLM, hourly sequential O_3 and NO_2 monitoring data for the year 2013 from the Mutdapilly monitoring station has been used as this is the same year as has been used for the meteorological modelling.

Table 5.14 Maximum 1 hour NO_2 concentrations (µg/m^3) for Mutdapilly, North Maclean and Flinders View

Monitoring station	2011	2012	2013	2014	2015	2016	2017
Mutdapilly	55.4	51.3	57.5	59.6	53.4	69.8	69.8
North Maclean	47.2	39.0	39.0	51.3	45.2	57.5	53.4
Flinders View	82.1	80.1	86.3	102.7	84.2	94.5	90.4
Air quality goal	**250**						

Table note:
Highest monitored concentrations for the station are underlined.

Table 5.15 Annual average NO_2 concentrations (µg/m^3) for Mutdapilly, North Maclean and Flinders View

Monitoring station	2011	2012	2013	2014	2015	2016	2017
Mutdapilly	8.3	7.2	7.7	6.9	6.5	7.6	7.6
North Maclean	5.4	5.3	5.8	6.5	6.6	7.0	6.8
Flinders View	16.3	13.9	14.4	16.4	13.0	16.3	14.1
Air quality goal	**62**						

Table note:
Highest monitored concentrations for the station are underlined.

5.3.5 Volatile organic compounds

Of the monitoring stations located in the assessment domain, toluene, xylenes, and benzene are only measured at Springwood. The Springwood station is located 60 km to the east of the alignment in a built-up residential area close to a major traffic corridor. Table 5.16, Table 5.17, and Table 5.18 present the measured concentrations for toluene, xylenes, and benzene at the Springwood station for the period from 2011 to 2017.

No exceedances of the air quality goals for toluene, xylenes or benzene have been were recorded in the period between 2011 to 2017. The species closest to its goal is annual average benzene, with a measured concentration of 5.2 µg/m^3 in 2017.

Measured concentrations at Springwood have been adopted as the background concentrations for toluene, xylenes, and benzene. The Springwood station is located near a major local road which is expected to be a significant source of VOCs, and the urban nature of the station location is different to the nature of the AQIA study area. Due to the differing nature of the Springwood station's location, the adopted concentrations from the Springwood station are considered a conservative over-estimate of background concentrations for toluene, xylenes or benzene.

Table 5.16 Measured 1 hour toluene concentrations (µg/m³) for Springwood

Pollutant	2011	2012	2013	2014	2015	2016	2017
Maximum 1 hour concentration							
Toluene	207	182	299	535	497	164	678
70th Percentile 1 hour average concentration							
Toluene	7.8	16.4	19.3	20.1	21.8	23.0	8.6
Air quality goal	**1,100**[a]						

Table notes:
a. 30-minute average as per the EPP (Air)
Highest monitored concentrations for the station are underlined.

Table 5.17 Measured 24 hour toluene and xylene concentrations (µg/m³) for Springwood

Pollutant	2011	2012	2013	2014	2015	2016	2017
Maximum 24 hour concentration							
Toluene	18.4	37.3	37.3	88.6	52.9	46.6	107
Xylenes	31.1	30.3	18.2	19.1	18.9	28.5	43.8
70th Percentile 24 hour average concentration							
Toluene	7.6	15.6	18.9	19.0	19.4	21.7	8.9
Xylenes	19.5	15.5	13.3	12.6	15.4	16.2	31.5
Air quality goals	**4,100** – Toluene, **1,200** – Xylenes						

Table note:
Highest monitored concentrations for the station are underlined.

Table 5.18 Annual average concentrations (µg/m³) for Springwood

Pollutant	2010	2011	2012	2013	2014	2015	2016	2017
Benzene	2.5	3.9	3.1	2.5	2.4	3.0	3.3	5.2
Toluene	5.9	6.9	14.0	16.2	17.5	18.5	17.8	8.1
Xylenes	11.9	18.3	14.6	12.0	11.4	14.2	15.8	26.0
Air quality goals	**5.4 –** Benzene, **400 –** Toluene, **950 –** Xylenes							

Table note:
Highest monitored concentrations for the station are underlined, with exceedances of assessment criterion presented in bold.

5.3.6 Summary of adopted pollutant concentrations

Table 5.19 summarises the existing environment background concentrations adopted for the AQIA. In accordance with the BCC AQPSP (2014) the 70th percentile concentration was selected as the adopted background concentration for assessment of the 24 hour average goals for PM_{10}, $PM_{2.5}$, toluene and xylene, and the 1 hour goals for NO_2 and toluene. Measured annual average concentrations were used as the background concentration for the assessment of pollutants with annual average goals.

Table 5.19 Summary of adopted existing pollutant concentrations compared to the Project air quality goals (µg/m³)

Pollutant	Averaging time and statistic	Air quality goal (µg/m³)	Adopted background concentration (µg/m³)	Year of measurement	Monitoring location
Deposited dust	30 days, maximum	120 mg/m²/day	50 mg/m²/day	2016	4 locations west of Toowoomba along the Inland Rail former Y2G alignment

Pollutant	Averaging time and statistic	Air quality goal (µg/m^3)	Adopted background concentration (µg/m^3)	Year of measurement	Monitoring location
NO_2	1 hour, maximum	250	57.5	2013	Mutdapilly
	Annual average	62	7.8	2013	
TSP	Annual average	90	40.5[a.]	2017	Flinders View
PM_{10}	24 hours, 70th percentile	50	18.7	2017	
	Annual average	25	16.2	2017	
$PM_{2.5}$	24 hours, 70th percentile	25	6.4	2016	Springwood
	Annual average	8	5.7	2016	
Benzene	Annual average	5.4	5.2	2017	
Toluene	1 hour, 70th percentile	1,100	23.0	2016	
	24 hours, 70th percentile	4,100	21.7	2016	
	Annual average	400	18.5	2015	
Xylenes	24 hours, 70th percentile	1,200	31.5	2017	
	Annual average	950	26.0	2017	

Table note:

a. Calculated from PM_{10} concentrations measured at Flinders View using a ratio of 2.5 which is based on a PM_{10}:TSP ratio of 0.4 as reported by the Australian Coal Association Research Program (ACARP 1999).

5.3.7 Assimilative capacity of the receiving environment

The assimilative capacity of the receiving air environment can be quantified through the difference between the adopted background concentrations and the adopted air quality goals defined in Table 3.1. For most pollutants and averaging times, the background concentrations represent less than half of the criteria, indicating a moderate assimilative capacity of the receiving environment. Pollutants that show lower levels of assimilative capacity include the following:

- PM_{10} 16.2 µg/m^3 annual average, representing 64.8 per cent of the 25 µg/m^3 annual goal
- $PM_{2.5}$ 5.7 µg/m^3 annual average, representing 71.3 per cent of the 8 µg/m^3 annual goal
- Benzene 5.2 µg/m^3 annual average, representing 96.3 per cent of the 5.4 µg/m^3 annual goal.

5.3.8 Influence of climate change on background air quality

Changing climatic conditions due to climate change also has the ability to influence ambient air quality via increased frequency of atypical events such as bushfires and dust storms. However, confidently predicting the influence of climate change on the duration, frequency and magnitude of extreme air quality events is challenging. It is also highlighted that in comparative terms, emissions from the operation of the Project are not significant in comparison to major regional air quality events such as bushfires and dust storms. Due to the uncertainty present in assessing the influence of changing climatic conditions due to climate change on the background air quality, climate change has not been considered beyond the bushfires and dust storms that are already present in the datasets used to establish the existing environment background concentrations adopted for the air quality assessment.

5.4 Existing emission sources

The NPI (DoEE 2019) is regulated by the Australian Government. The purpose of the NPI is to track pollution sources across Australia and ensure that the community has access to information about the emission and transfer of toxic substances which may affect them locally.

Facilities which exceed NPI reporting thresholds are required by the Australian Government to submit annual reports of their emissions to air. The NPI has emission estimates for 93 toxic substances and the source and location of these emissions. These substances have been identified as important due to their possible effect on human health and the environment. The data comes from facilities like mines, power stations and factories, as well as other sources. NPI data has a tendency to be a conservative estimate of industry emissions for sites like quarries and mines due to the broad and generalised assumptions made during the emission estimations.

An NPI search conducted within the assessment domain identified three facilities within 4.0 km of the Project alignment which are required to report emissions annually:

- Valley Beef, Grantham
- Gatton Wastewater Treatment Plant
- Laidley Wastewater Treatment Plant.

Other facilities listed on the NPI have not been considered due to their distance from the AQIA study area.

A description of each pollutant emitter identified and its approximate distance from the alignment is described in Table 5.20.

Table 5.20 Nearest NPI listed facilities in the assessment domain

Facility name	Industry	Pollutants emitted	Coordinates	Distance and location relative to alignment (km)
Gatton Wastewater Treatment Plant	Wastewater Treatment Plant	NH_3 (110 kg/yr) Cl (100 kg/yr)	-27.5425, 152.2815	1.2 NE
Laidley Wastewater Treatment Plant	Wastewater Treatment Plant	NH_3 (6,500 kg/yr) Cl (2,300 kg/yr)	-27.6109, 152.4067	1.0 NE
Valley Beef, Grantham	Meat and Meat Production Manufacturing	NH_3 (21,000 kg/yr), CO (1,700 kg/yr), NO_x (9,400 kg/yr), PM_{10} (4,600 kg/yr), $PM_{2.5}$ (440 kg/yr), SO_2 (51 kg/yr), total VOCs (410 kg/yr) trace metals (<1 kg/yr)	-27.5890, 152.1758	4.0 S

The Gatton and Laidley wastewater treatment plants are located within 1.2 km of the alignment and emit ammonia (NH_3) and chlorine (Cl). These pollutants are not emitted by Project sources and therefore are not required to be considered in detail as part of the AQIA for the Project.

The Valley Beef meat and meat production facility is located 4 km south of the alignment in Grantham and emits common pollutants to those assessed in this AQIA. QLD does not have State specific guidance on recommended separation distances to industrial uses. EPA Victoria (2013) prescribes guideline separation distances which are commonly applied in QLD. The recommended separation distance for abattoirs which process greater than 200 tonnes per year is 1 km. The Valley Beef meat and meat production facility is located 3 km further than the recommended separation distance. Therefore, emissions from the Valley Beef meat and meat production facility will be adequately represented by the assumed background concentrations and do not require detailed modelling.

In addition to the NPI sources listed in Table 5.20 other local emission sources will include ERAs and vehicle traffic. It is expected that emissions from local ERAs and vehicle traffic will be adequately represented by the assumed background concentrations because sites with ERAs emit lower quantities of pollutants than the major polluters that report to the NPI.

The Project alignment is located adjacent to the existing West Moreton System rail corridor for approximately 24 km. Emissions from trains operating on the existing West Moreton System rail corridor will currently be influencing the background air quality in the AQIA study area. However, emissions from existing train travel along the West Moreton System rail corridor have not been included in the assumed background concentrations as it has been assumed for the operational modelling scenarios that all trains, including those existing services which currently use the existing West Moreton System rail corridor, will travel along the Project alignment and therefore would be included in the project contribution to cumulative concentrations.

5.5 Terrain and land use

Terrain features and land use can influence meteorological conditions on both a local and regional scale. The terrain along the Project alignment running east to west begins at an elevation of 150 m at Helidon at the base of the range and gradually increases as it crosses through the Little Liverpool Range. Approximately 3 km east of Laidley elevation increases to 250 m; at this point is where the proposed tunnel will be constructed. After the tunnel, elevation slowly drops as the alignment moves east finishing at Calvert.

The land use in the AQIA study area is predominately grazing land, combined with other agricultural uses including irrigated seasonal horticulture and cropping. Other land uses include residential, other minimal use and services. Several small townships exist within 5 km of the Project alignment, these include Helidon, Grantham, Placid Hills, Gatton, Forest Hill, Laidley, Grandchester, and Calvert.

The influence of terrain on wind flows and dispersion has been considered in the meteorological modelling undertaken for the assessment as discussed in Section 4.4.4. The effect of land use on surface roughness and dispersion has also been included in the meteorological model developed for the AQIA study area. The height of the train emission source included in the model was based on the proposed Project vertical alignment.

5.6 Sensitive receptors

Sensitive air quality receptors in the AQIA study area were identified as per the DES guideline *Application requirements for activities with impacts to air* (DES 2019). As per the DES guideline, a sensitive receptor can include the following:

- A dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises
- A motel, hotel or hostel
- A kindergarten, school, university or other educational institution
- A medical centre or hospital
- A protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area
- A public park or garden
- A place used as a workplace including an office for business or commercial purposes.

The Project is situated within a rural setting, and the majority of the alignment is located at a significant distance from major population centres. The alignment travels through the township of Gatton and Forest Hill, and near the townships of Helidon, Laidley, Grandchester and Calvert. Receptors near the alignment and in these townships have been considered in the assessment.

There are no World Heritage Areas or areas protected by the *Marine Parks Act 2004* located within the AQIA study area. There is one area protected under the *Nature Conservation Act 1992* located within the AQIA study area, being the Lockyer Resources Reserve located approximately 1.9 km from the alignment at its nearest point. Resource reserves are permitted to be used for controlled levels of resource extraction such as mining and quarrying (DES 2016) and therefore this protected area is not expected to be sensitive to air quality and has not been considered in the assessment.

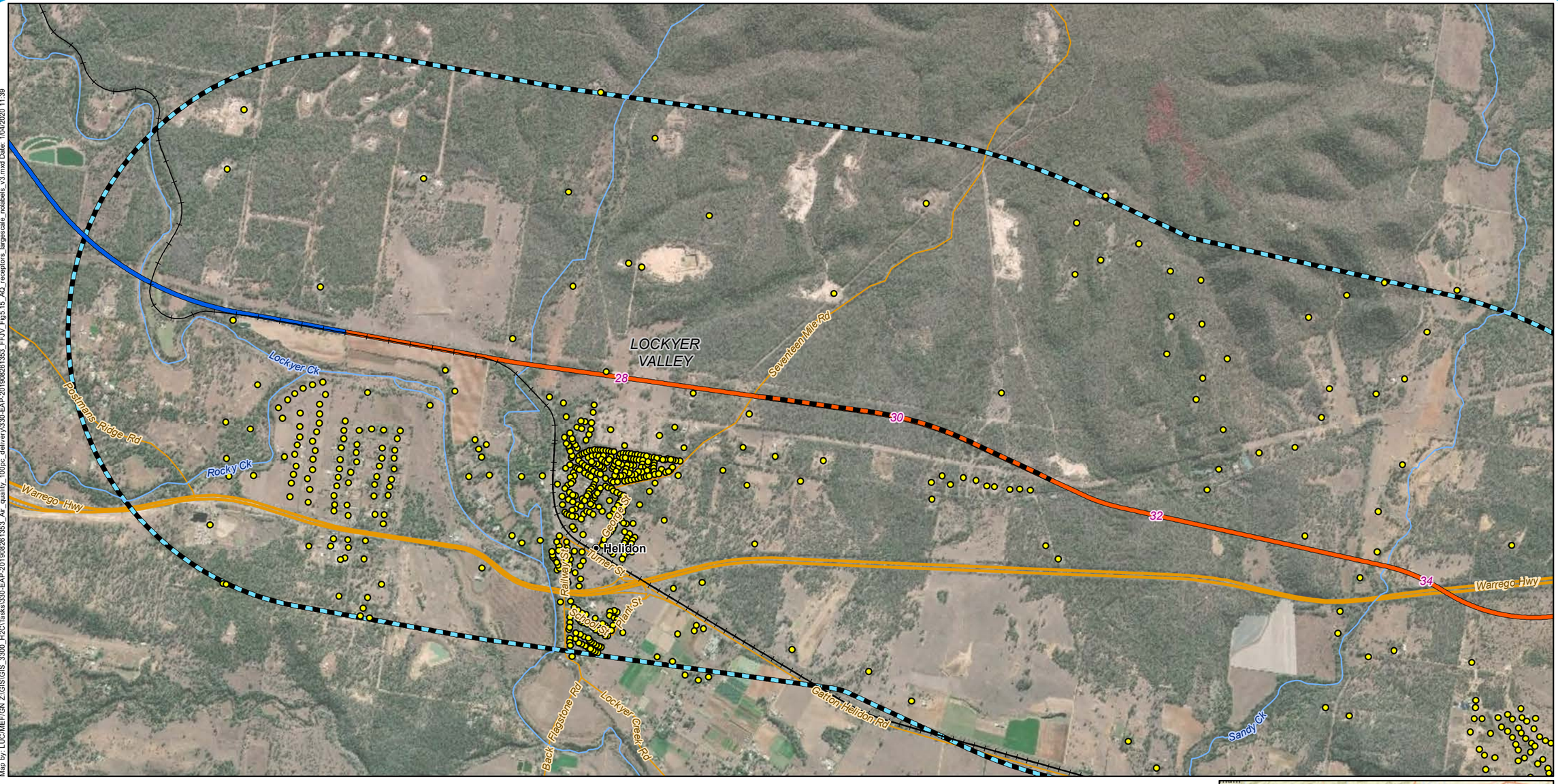
The primary sensitive receptor types in the AQIA study area are residential dwellings. Surfaces that lead to potable water tanks in the vicinity of the Project have also been considered as sensitive receptors in order to comply with the ToR objective to maintain the quality of water resources and ensure that these resources are not adversely impact by the Project.

Agricultural uses within the AQIA study area have been considered in the assessment of the operation of the Project. Agricultural uses have not been included in the model as individual sensitive receptors, however, the predicted maximum dust deposition level for all modelled receptors in the AQIA study area for the operational phase has been assessed against the dust deposition levels at which impact crop growth and livestock may occur (as discussed in Section 3.6).

Figure 5.15 shows the location of sensitive receptors considered during the air quality assessment. Appendix F provides further detailed figures presenting receptor locations. Receptors have been modelled at ground level (i.e. 0 m above ground) as per the requirements of the guideline *Application requirements for activities with impacts to air* (DES 2019). A total of 5,903 sensitive receptor points have been included in the model.

Each sensitive receptor within the AQIA study area was identified using QLD land property information, and investigation of aerial imagery was then used to capture any additional sensitive receptors. It should be noted that the number of sensitive receptors in the AQIA study area may have minor variations as the Project progresses. Due to the large-scale nature of the Project, it has been assumed that receptors within the Project disturbance footprint or laydown areas will likely be acquired prior to construction works commencing or provided the option for temporary relocation.

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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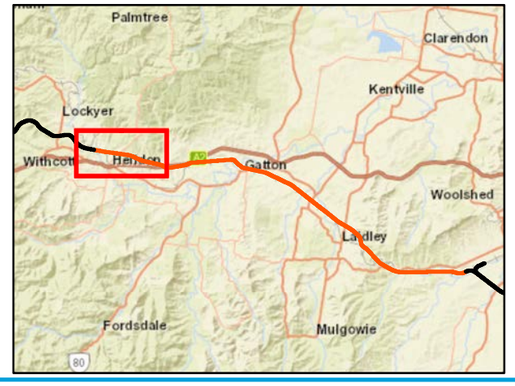
Legend

- Sensitve Receptors
- 5 Chainage (km)
- Localities
- Existing rail
- Crossing loops
- G2H project alignment
- H2C project alignment
- Watercourses
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

A3 scale: 1:30,000

0 0.5 1 1.5 2km



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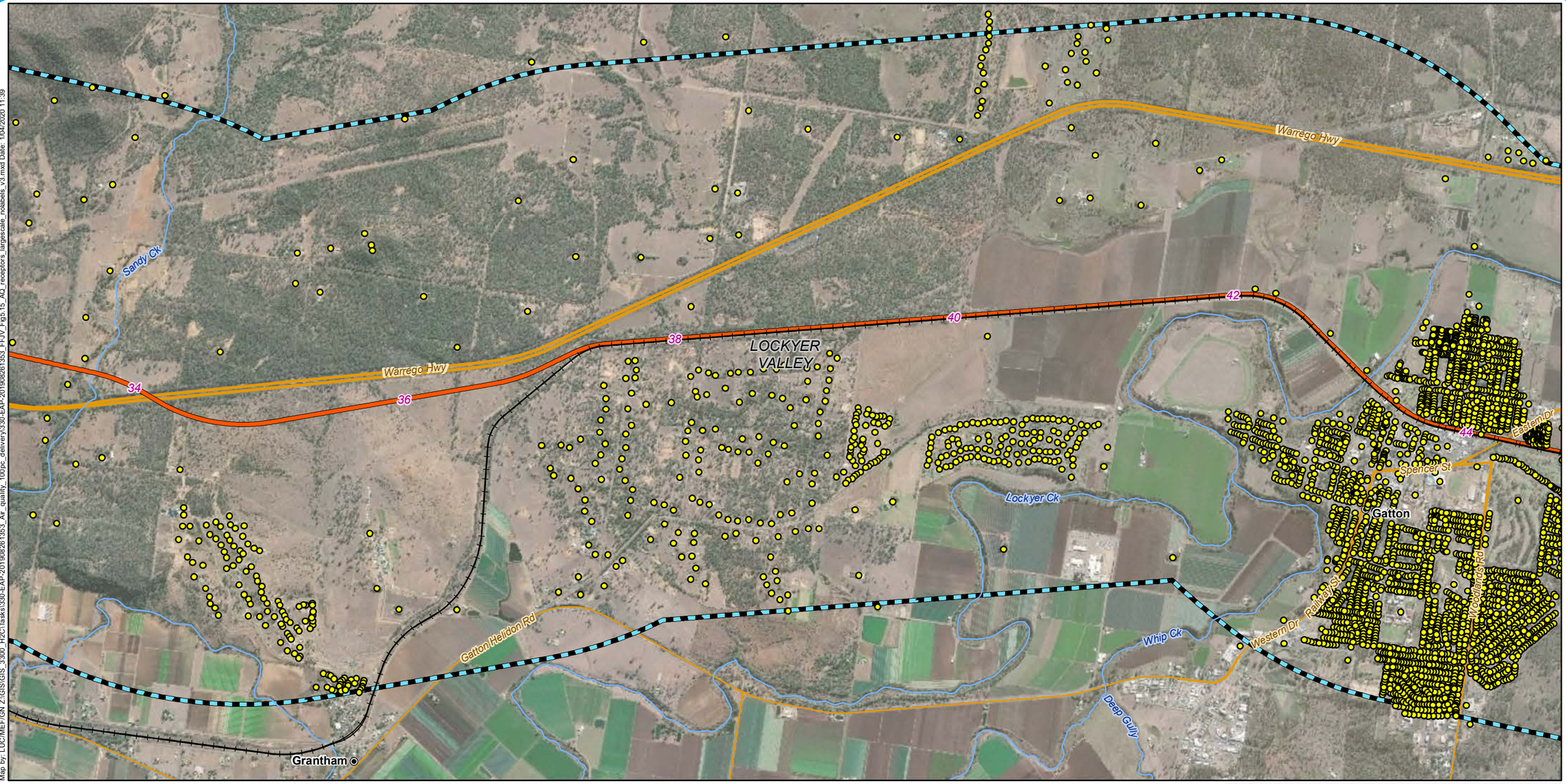
Coordinate System: GDA 1994 MGA Zone 56

Helidon to Calvert

Figure 5.15a: Identified sensitive receptor locations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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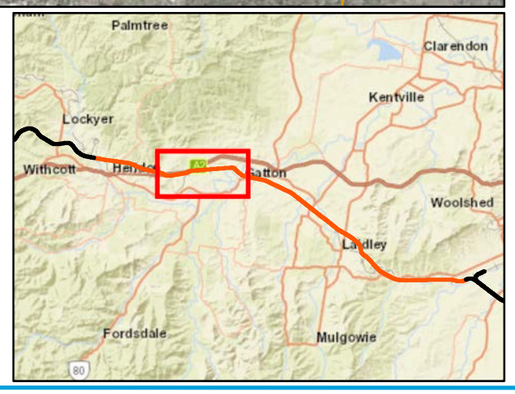
Legend

- Sensitve Receptors
- 5 Chainage (km)
- Localities
- Existing rail
- Crossing loops
- H2C project alignment
- Watercourses
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas



A3 scale: 1:30,000

0 0.5 1 1.5 2km

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Coordinate System: GDA 1994 MGA Zone 56

Helidon to Calvert

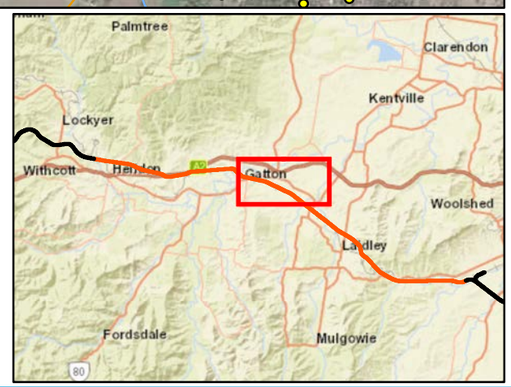
Figure 5.15b: Identified sensitive receptor locations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Warrego Hwy
Lake Clarendon Way
Gatton Esk Rd
Harm Dr
Warrego Hwy
Lockyer Ck
Eastern Dr
Gatton Laidley Rd W
LOCKYER VALLEY
44
46
48
50
Spencer St
Gatton
Whip Ck
Railway St
Woodlands Rd
Laidley Ck
Forest Hill Fernvale Rd
Lawes
Sandy Ck

Legend

- Sensitve Receptors
- Chainage (km)
- Localities
- Existing rail
- Crossing loops
- H2C project alignment
- Watercourses
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas



A3 scale: 1:30,000
0 0.5 1 1.5 2km

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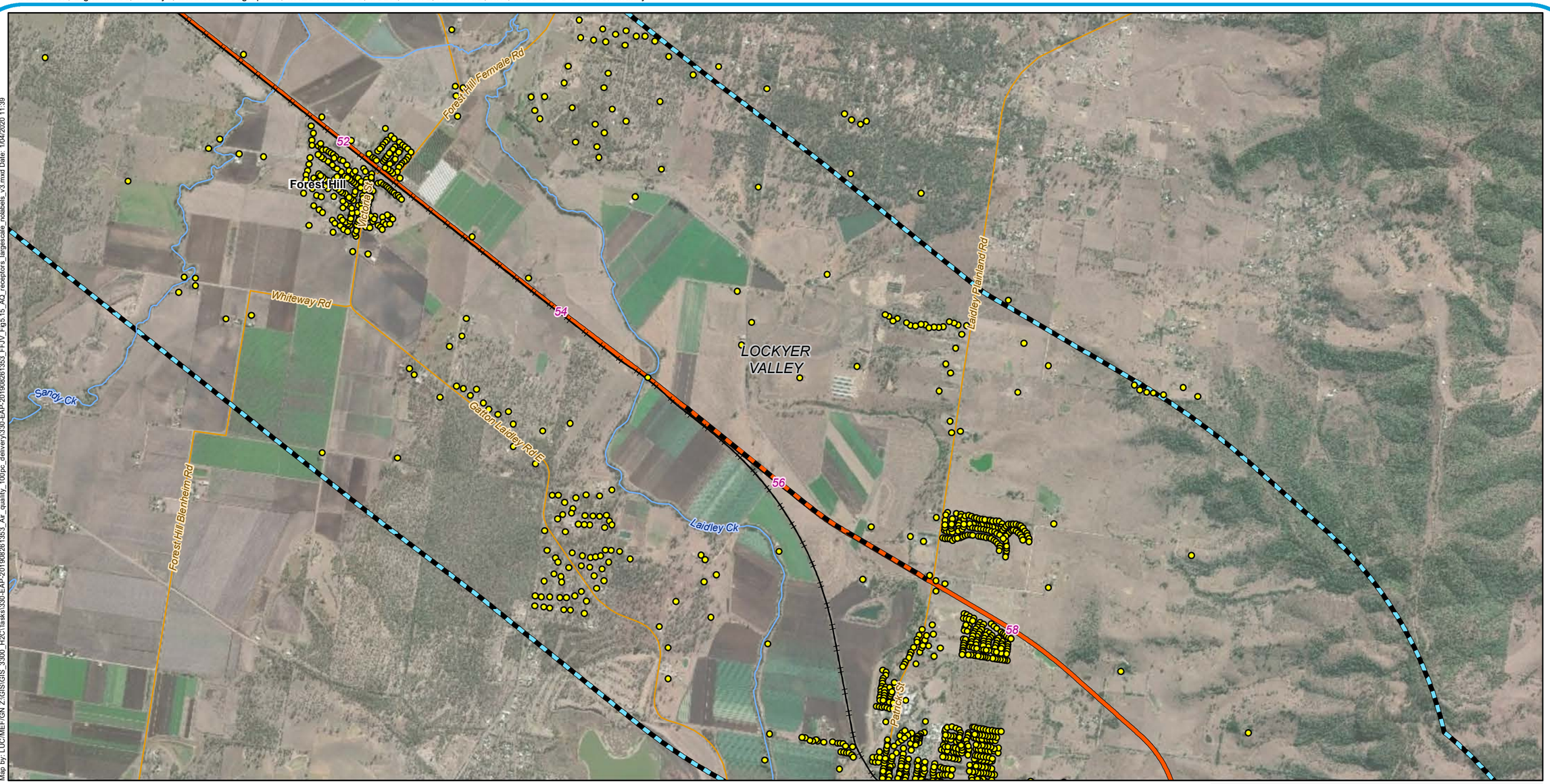
Helidon to Calvert

Figure 5.15c: Identified sensitive receptor locations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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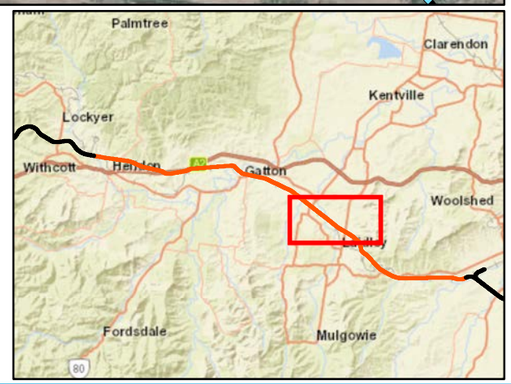
Legend

- Sensitve Receptors
- 5 Chainage (km)
- Localities
- Existing rail
- Crossing loops
- H2C project alignment
- Watercourses
- Minor roads
- AQIA study area
- Local Government Areas



A3 scale: 1:30,000

0 0.5 1 1.5 2km

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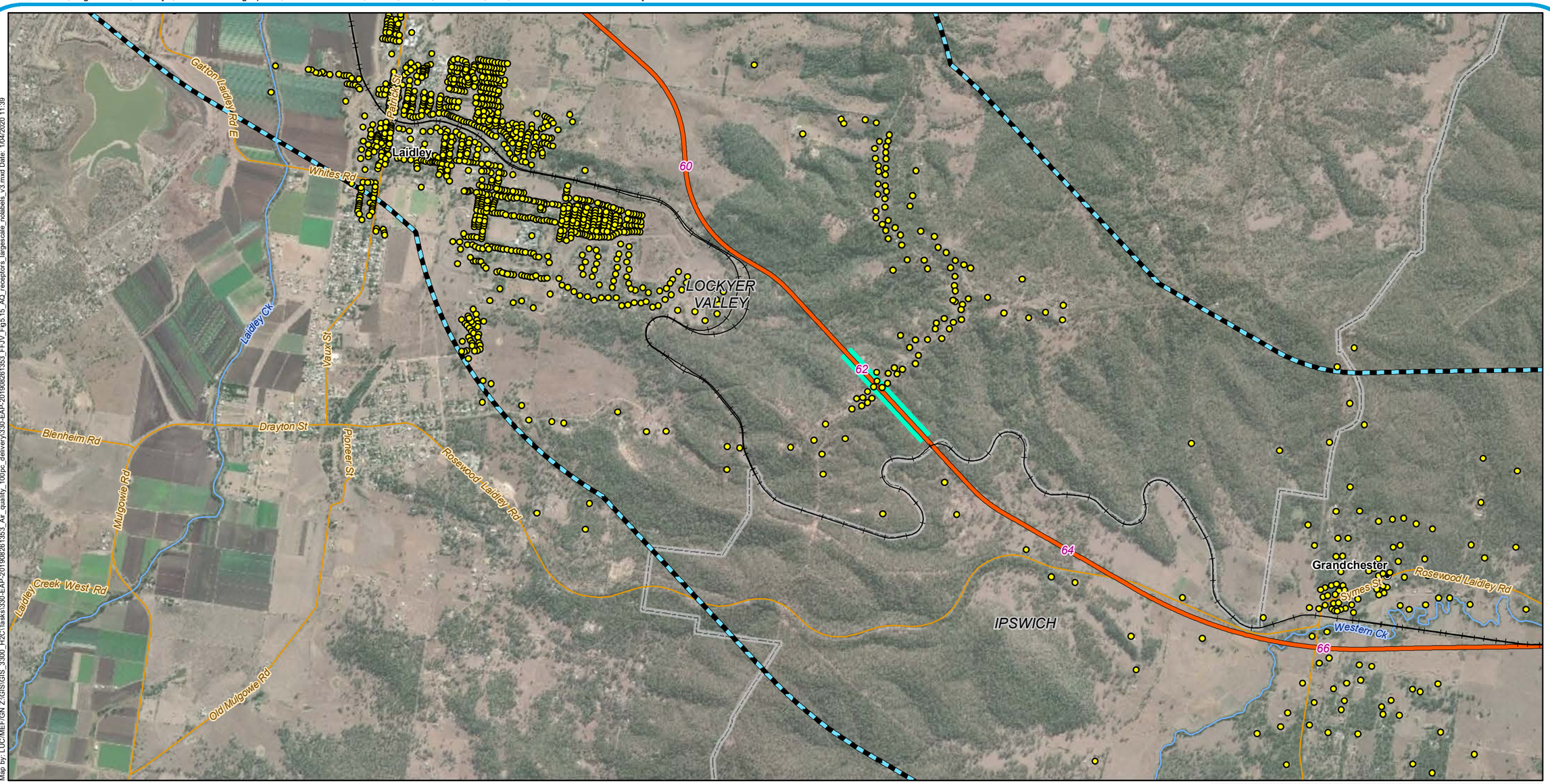
Helidon to Calvert

Figure 5.15d: Identified sensitive receptor locations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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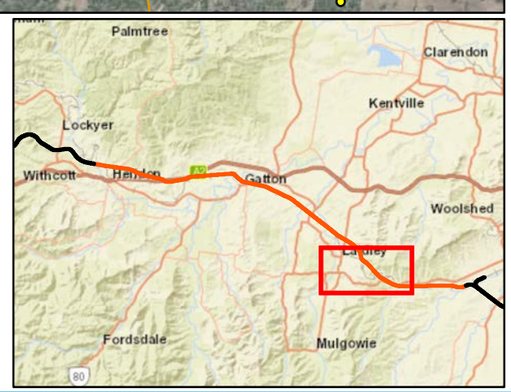

Legend

- Sensitve Receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Minor roads
- Tunnel
- AQIA study area
- Local Government Areas

A3 scale: 1:30,000

0 0.5 1 1.5 2km

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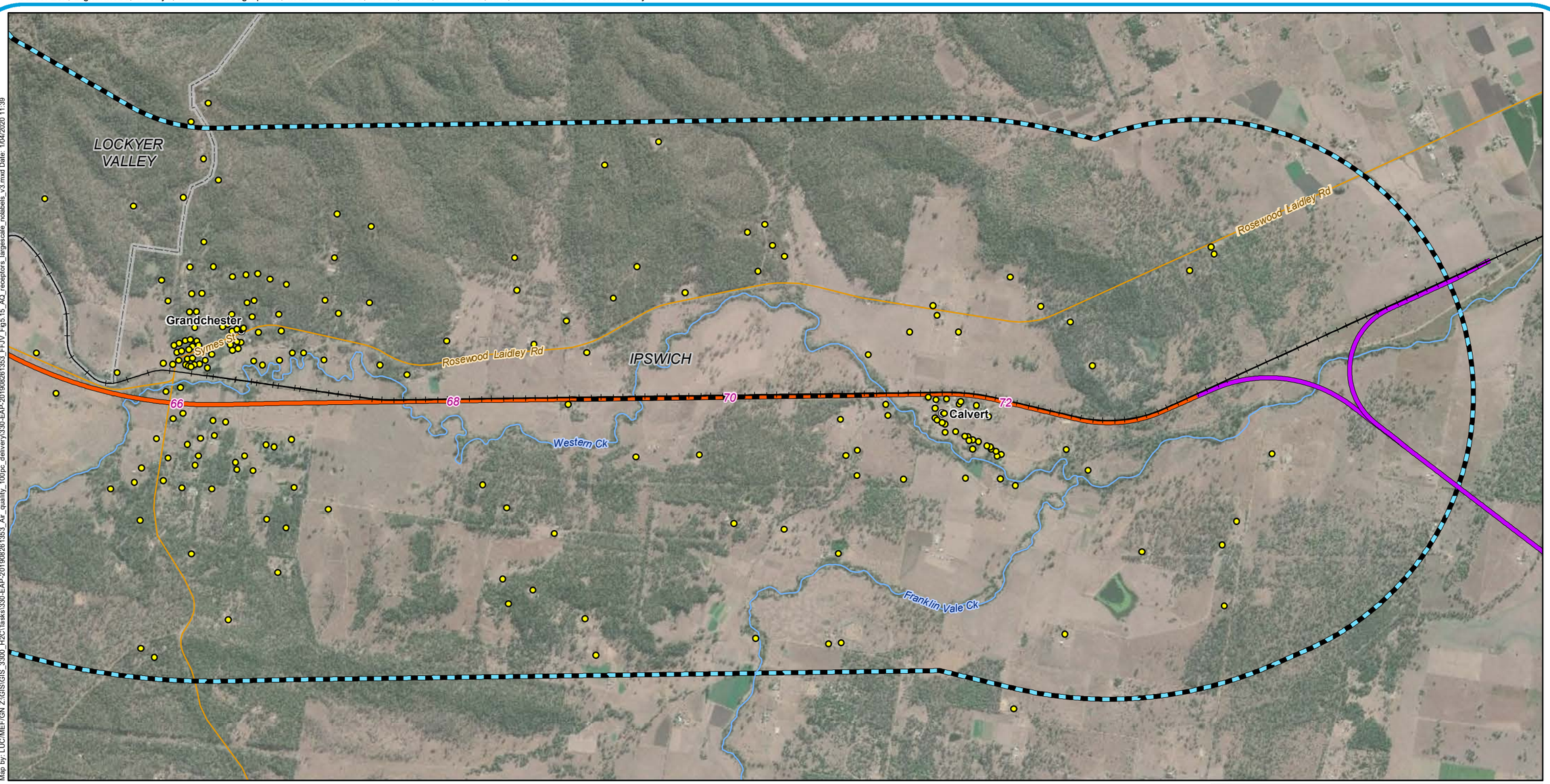
Helidon to Calvert

Figure 5.15e: Identified sensitive receptor locations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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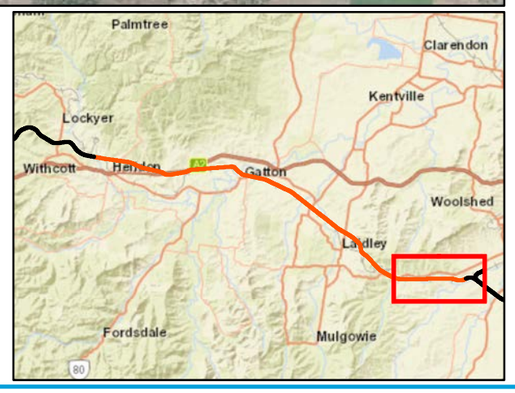
Legend

- Sensitve Receptors
- 5 Chainage (km)
- Localities
- Existing rail
- Crossing loops
- H2C project alignment
- C2K project alignment
- Watercourses
- Minor roads
- AQIA study area
- Local Government Areas



A3 scale: 1:30,000

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Coordinate System: GDA 1994 MGA Zone 56

Helidon to Calvert

Figure 5.15f: Identified sensitive receptor locations

6 Construction air quality impact assessment

The following sections provide an assessment of air quality impacts during the construction of the Project.

The highest proportion of construction emissions results from mechanical activity, e.g. material movement or mobile equipment activity, which typically generate coarser particulate emissions (PM_{10} and TSP). Airborne PM_{10} and deposited dust (TSP) are the main pollutants of concern for construction activities and these pollutant species are the focus of the assessment for construction dust. Airborne PM_{10} has the potential to impact human health due to inhalation of particulate matter, whilst deposited dust has the potential to cause nuisance impacts but does not directly impact human health.

Particulate matter less than 2.5 micrometres in diameter ($PM_{2.5}$) is typically emitted in minor quantities from mechanical sources and is more predominant from combustion point sources (i.e. combustion engines). Point source emissions of combustion gases (e.g. oxides of nitrogen (NO_x) and carbon monoxide (CO)) and $PM_{2.5}$ from diesel construction vehicles and mobile plant will be significantly lower than particulate emissions from construction activities. Emissions of combustion gases and $PM_{2.5}$ are considered unlikely to result in exceedance of air quality goals or cause nuisance to sensitive receptors and therefore have not been assessed for the construction phase.

In addition to construction dust, odour and VOCs will be emitted as fugitive emissions from fuel tanks located at laydown areas. Impacts from fuel storage have been assessed in Section 6.2.

No other significant pollutant emissions (excluding dust, odour and VOCs) are anticipated from the construction phase of the Project.

6.1 Dust

The dust impact assessment was based on the methodology described in the UK IAQM document, *Guidance on the assessment of dust from demolition and construction* (UK IAQM 2014*)*. The risk of dust deposition (TSP) and human health impacts due to particulate matter (PM_{10}) on surrounding areas were determined based on the scale of activities and proximity to sensitive receptors. The IAQM method uses a four-step process to assess dust impacts:

- Step 1: Screening based on distance to nearest sensitive receptors
- Step 2: Assess risk of dust impacts from activities based on:
  - Scale and nature of the works, which determines the potential dust emission magnitude
  - Sensitivity of the area
- Step 3: Determine site-specific mitigation for dust-emitting activities
- Step 4: Reassess risk of dust impacts after mitigation has been considered.

Figure 6.1 presents the locations of the permanent (the alignment) and temporary disturbance areas within the AQIA study area, including laydown areas and haul routes.

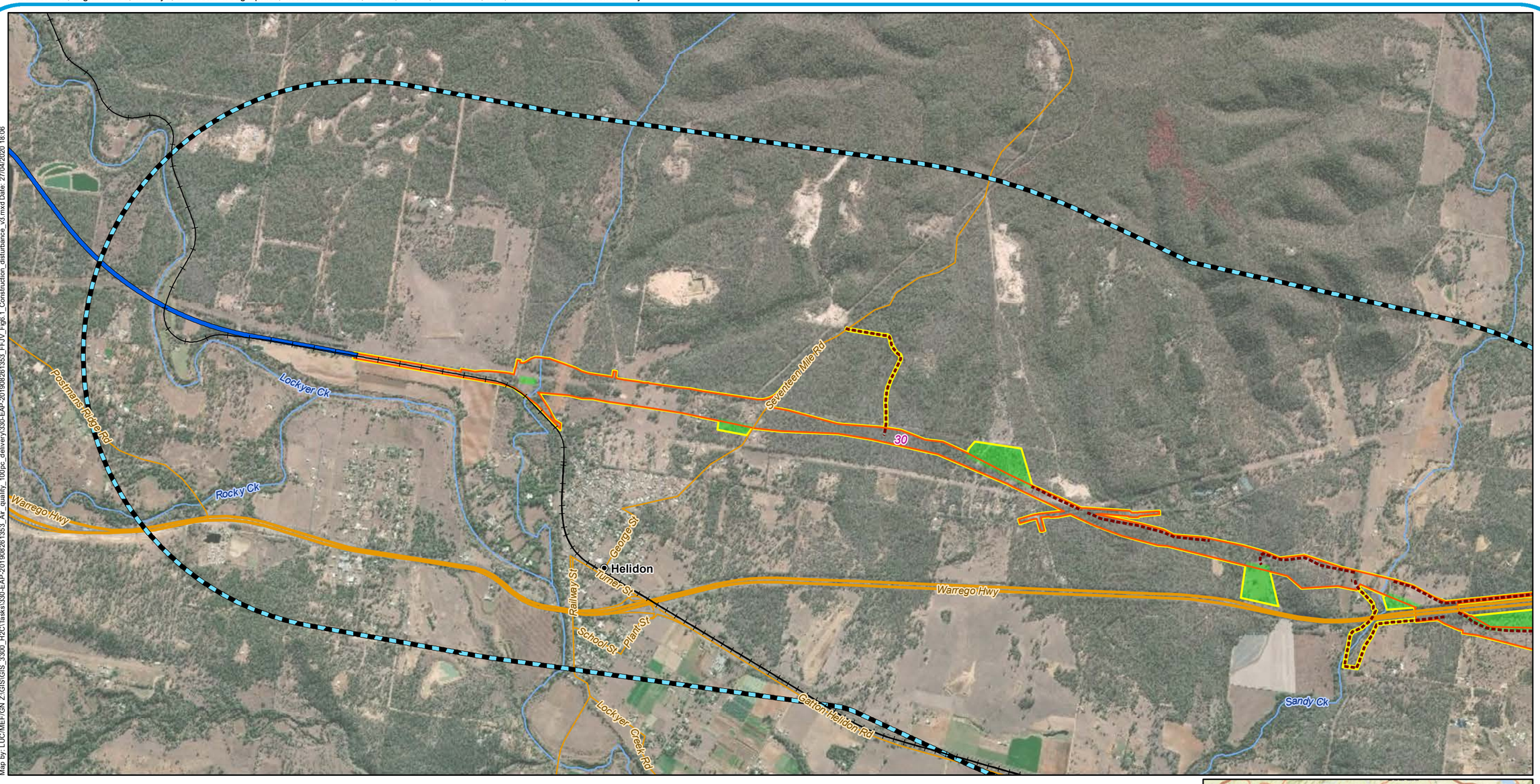
The IAQM assessment process is described in the following sections.

6.1.1 Step 1 – Screening assessment

The IAQM method recommends further assessment of dust impacts for construction activities where sensitive receptors are located closer than:

- 350 m from the boundary of the site
- 50 m from the route used by all construction vehicles (including heavy vehicles) on public roads more than 500 m from the site entrance.

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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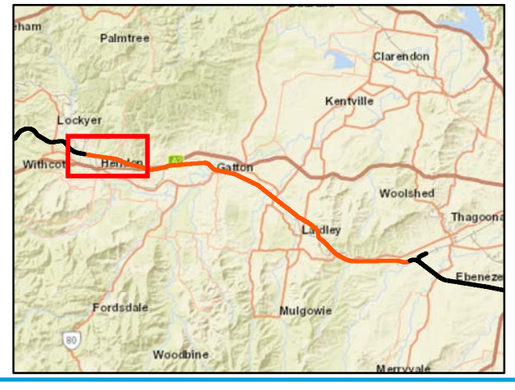
Legend

- 5 Chainage (km)
- Localities
- Existing rail
- Laydown access tracks
- G2H project alignment
- Watercourses
- Major roads
- Minor roads
- AQIA study area
- Proposed laydown areas
- Temporary disturbance footprint
- Permanent disturbance footprint



A3 scale: 1:30,000

0 0.5 1 1.5 2km

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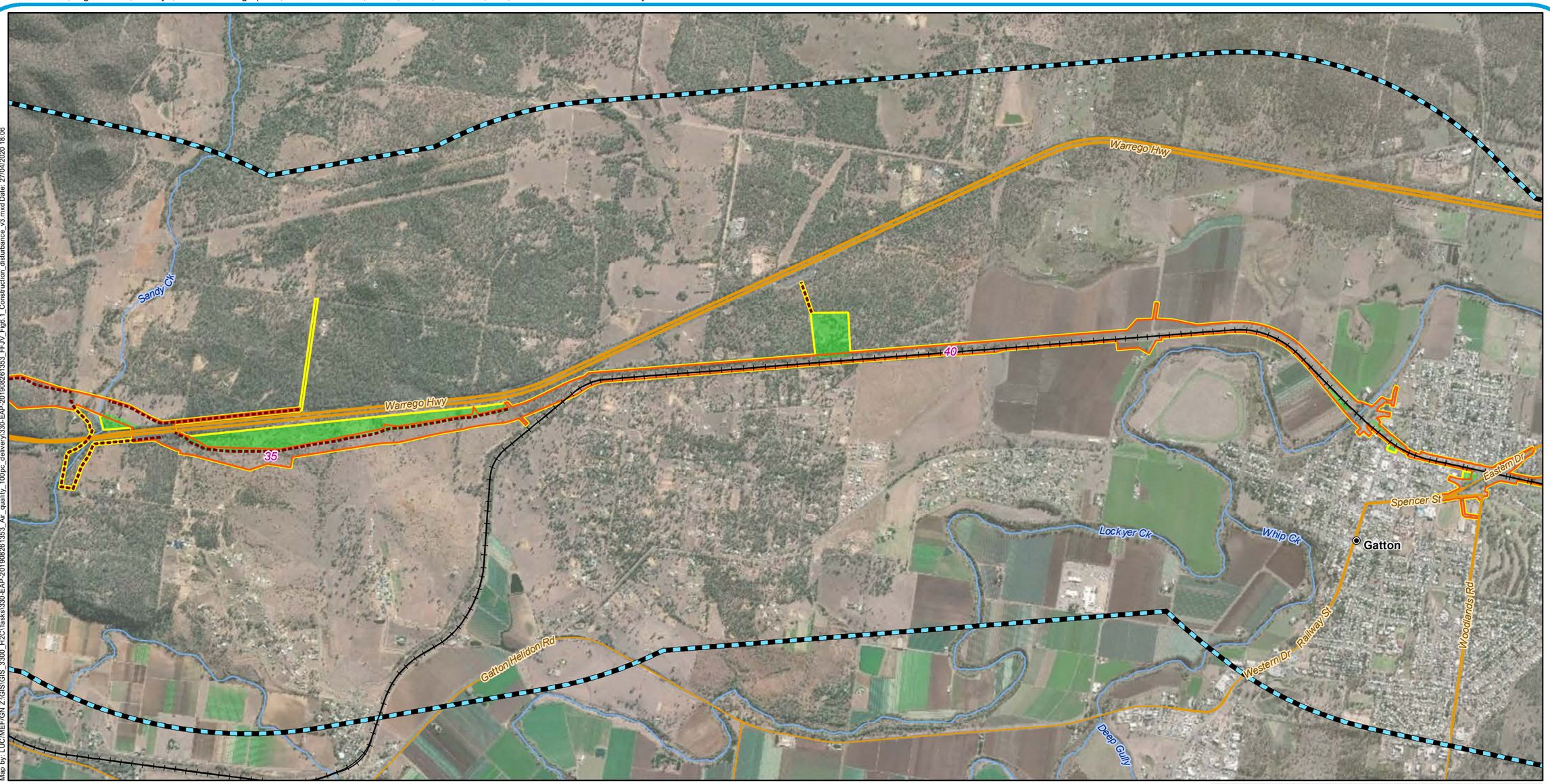
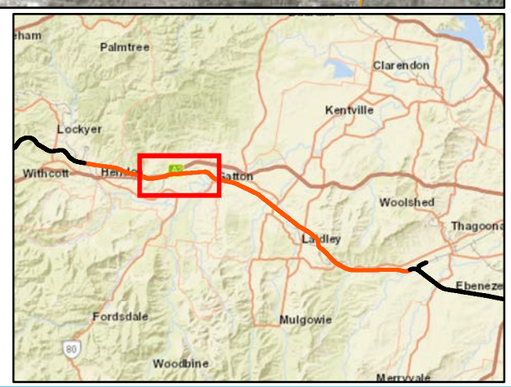
Helidon to Calvert
Figure 6.1a:
Construction disturbance areas

Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826 1353_Air_quality_100pc_delivery\330-EAP-20190826 1353_FFJV_Fig6.1_Construction_disturbance_v3.mxd Date: 27/04/2020 18:06



Legend

- 5 Chainage (km)
- Localities
- Existing rail
- Laydown access tracks
- Watercourses
- Major roads
- Minor roads
- AQIA study area
- Proposed laydown areas
- Temporary disturbance footprint
- Permanent disturbance footprint



A3 scale: 1:30,000

0 0.5 1 1.5 2km

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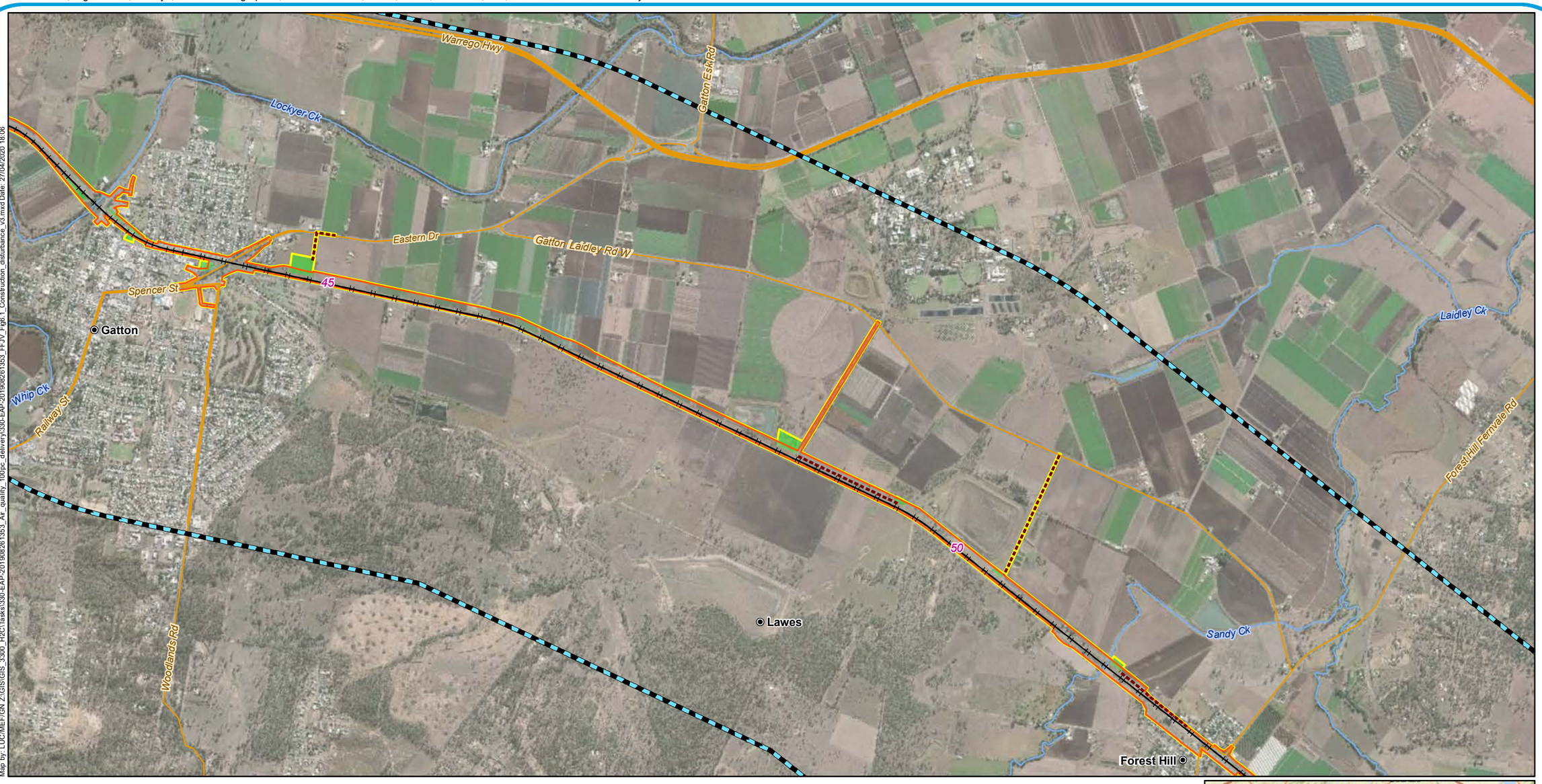
Helidon to Calvert

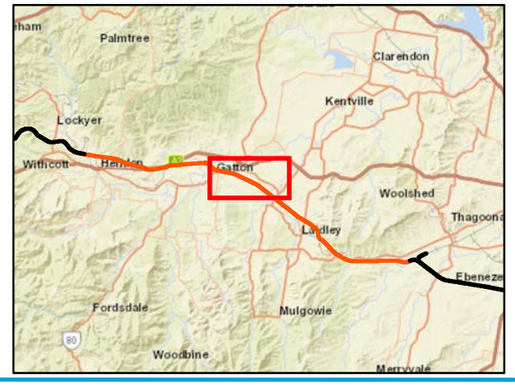
Figure 6.1b:
Construction disturbance areas



Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\353_Air_quality_100pc_delivery\330-EAP-20190826\353_FFJV_Fig6.1_Construction_disturbance_v3.mxd Date: 27/04/2020 18:06

Legend

- 5 Chainage (km)
- Localities
- Existing rail
- Laydown access tracks
- Watercourses
- Major roads
- Minor roads
- AQIA study area
- Proposed laydown areas
- Temporary disturbance footprint
- Permanent disturbance footprint



A3 scale: 1:30,000

0 0.5 1 1.5 2km

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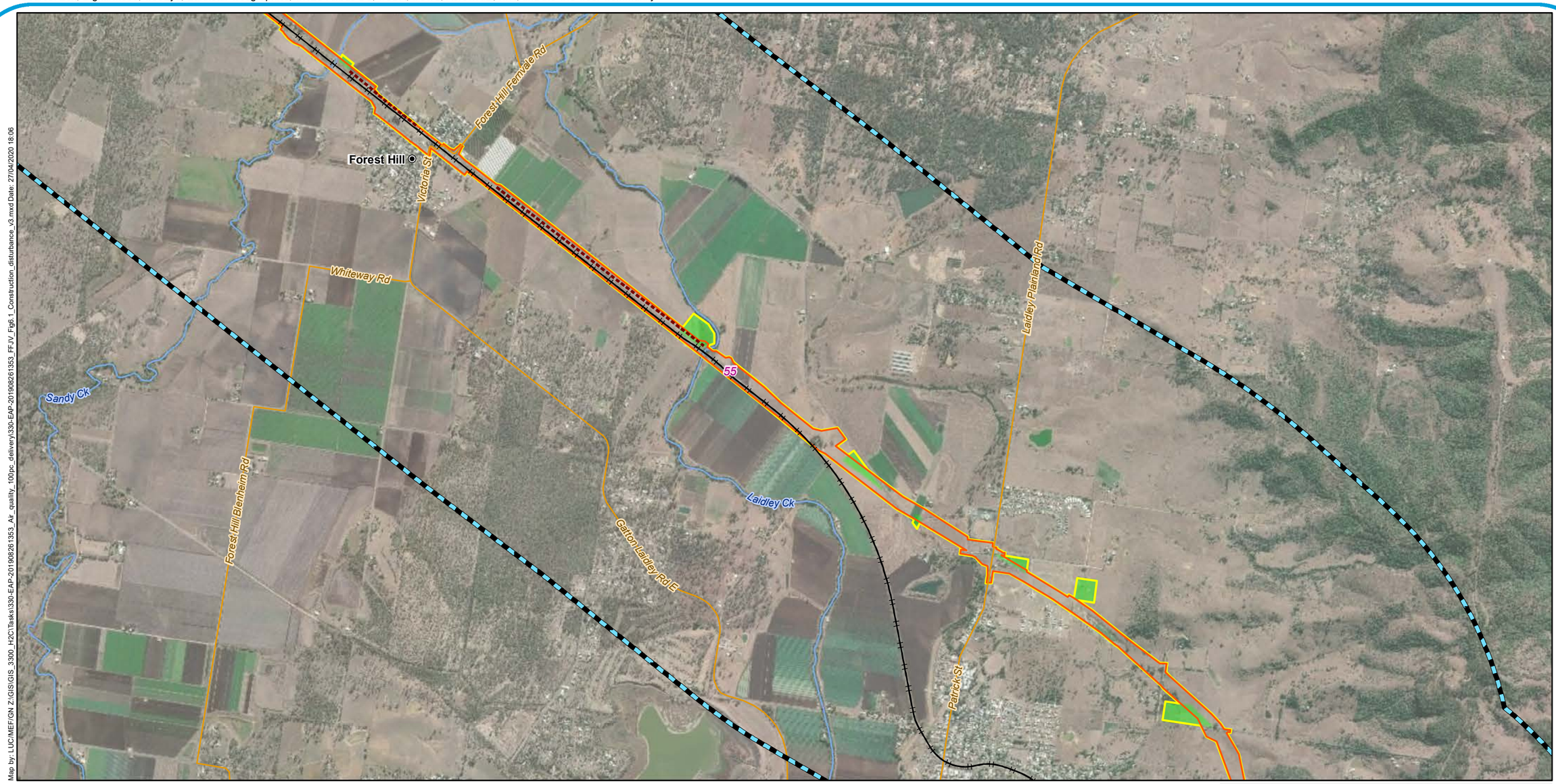
Helidon to Calvert

Figure 6.1c:
Construction disturbance areas



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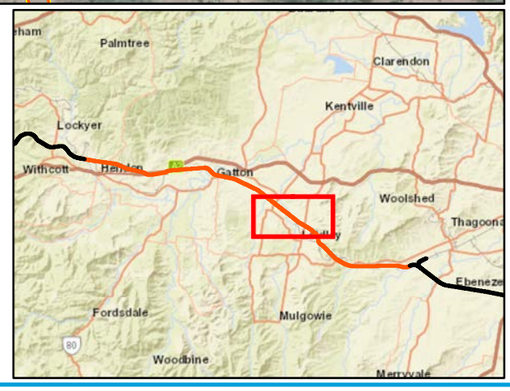
Legend

- 5 Chainage (km)
- Localities
- Existing rail
- Laydown access tracks
- Watercourses
- Minor roads
- AQIA study area
- Proposed laydown areas
- Temporary disturbance footprint
- Permanent disturbance footprint



A3 scale: 1:30,000

0 0.5 1 1.5 2km

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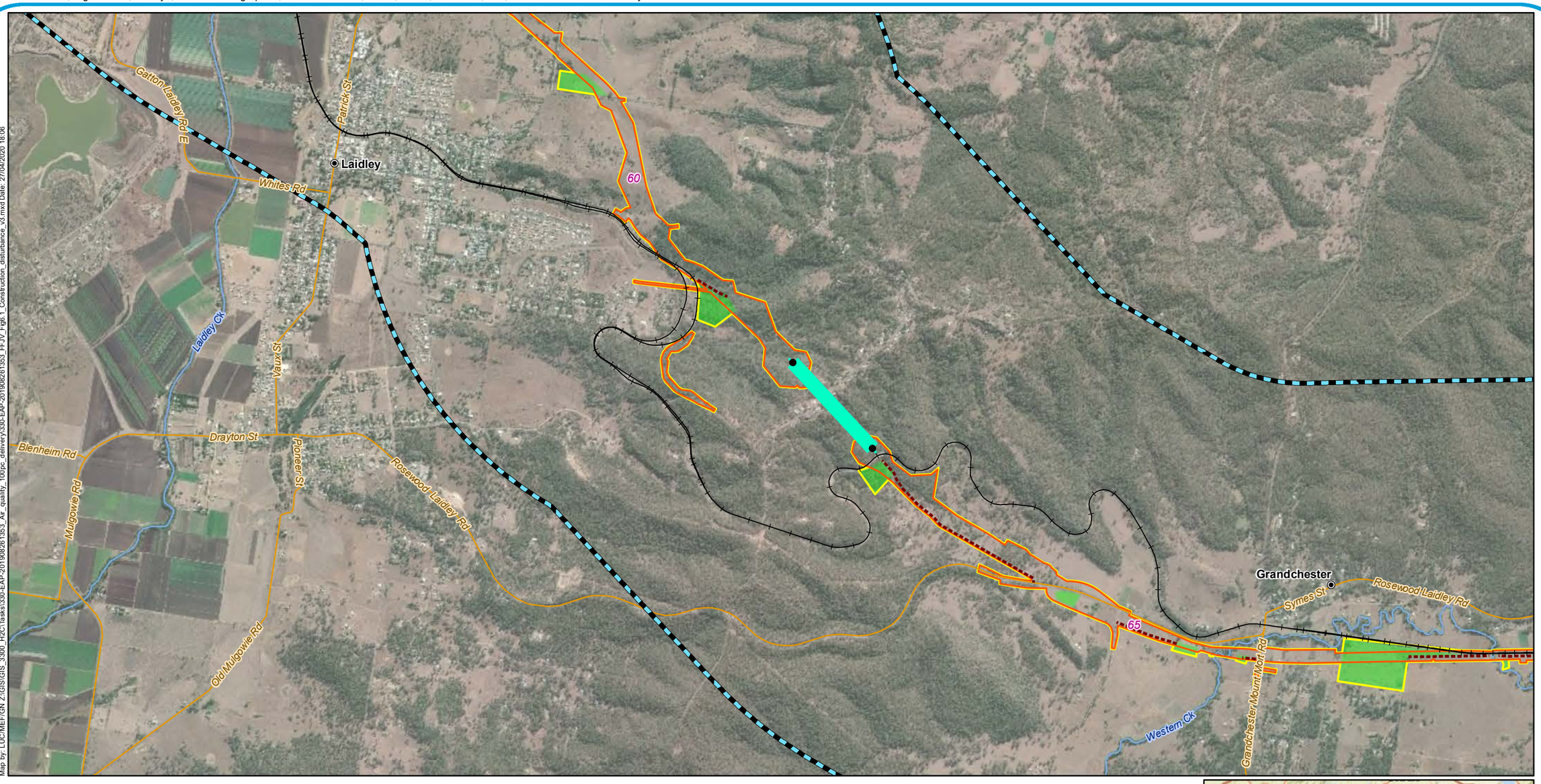
Helidon to Calvert

Figure 6.1d:
Construction disturbance areas

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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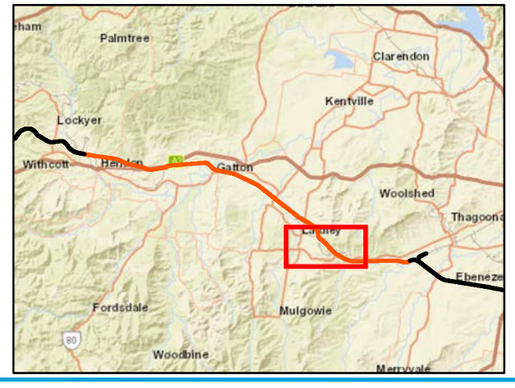
Legend

- 5 Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- Laydown access tracks
- Watercourses
- Minor roads
- Tunnel
- AQIA study area
- Proposed laydown areas
- Temporary disturbance footprint
- Permanent disturbance footprint



A3 scale: 1:30,000

0 0.5 1 1.5 2km

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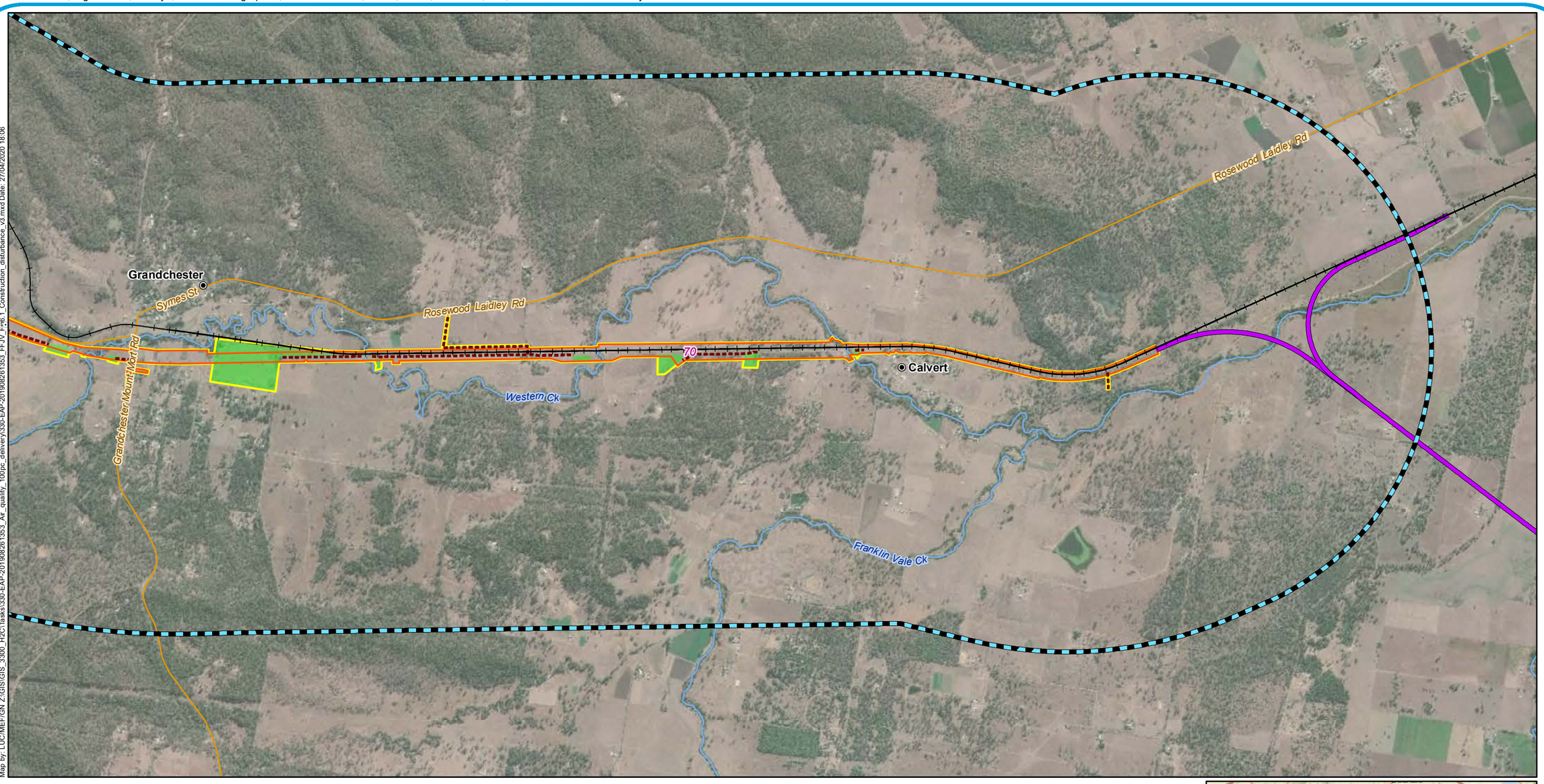
Helidon to Calvert
Figure 6.1e:
Construction disturbance areas

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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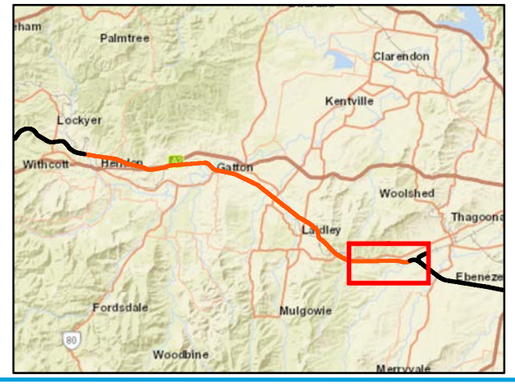
Legend

- 5 Chainage (km)
- Localities
- Existing rail
- Laydown access tracks
- C2K project alignment
- Watercourses
- Minor roads
- AQIA study area
- Proposed laydown areas
- Temporary disturbance footprint
- Permanent disturbance footprint



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0 0.5 1 1.5 2km

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Helidon to Calvert
Figure 6.1f:
Construction disturbance areas

The number of identified sensitive receptors adjacent to the Project alignment is 5,903. Their respective distances from the Project disturbance footprint are summarised in Table 6.1.

The sensitivity of the AQIA study area (refer Section 6.1.4) to construction dust impacts is determined considering the number of sensitive receptors and the separation distance to active construction areas. For the purposes of the construction assessment, the separation distance categories (as presented in Table 6.1) have been determined across the entire length of the alignment, as opposed to breaking construction areas into smaller segments. In reality, construction air quality impacts will be localised to specific construction areas (e.g. laydown areas) and areas with a higher density of sensitive receptors (e.g. townships) will be more sensitive than sparsely populated rural areas.

Table 6.1 Summary of sensitive receptors

Separation distance (m)	Number of receptors		
	Access tracks	Laydown areas	Temporary construction disturbance footprint[a]
0	0	2	41
<20	6	2 (1)[b]	118 (41)[2.]
21 to 50	29	11	122
51 to 100	47	36	201
101 to 350	405	665	890
>350	5,416	5,188	4,531
Total	**5,903**		

Table notes:

a Permanent operational and temporary construction disturbance footprint areas

b It is assumed that the receptors that fall within the Project disturbance footprint (i.e. 0m), including those that fall within the laydown areas will be acquired/relocated at the time of construction and thus no longer be sensitive receptors

Based on the location of sensitive receptors, further assessment of potential construction dust impacts is required.

6.1.2 Step 2 – Dust risk assessment

Step 2 in the IAQM is a risk assessment tool designed to appraise the potential for dust impacts due to unmitigated dust emissions from a construction Project. The key components of the risk assessment are defining the dust emission magnitudes (Step 2A), the surrounding area sensitivity (Step 2B), and then combining these in a risk matrix (Step 2C) to determine an overall risk of potential dust impacts.

6.1.3 Step 2A – Dust emission magnitude

Dust emission magnitudes are estimated according to the scale of works being undertaken and other considerations such as meteorology, types of material being used, or general demolition methodology. The IAQM guidance provides examples to aid classification, as presented in the following excerpt from IAQM:

> *The dust emission magnitude is based on the scale of the anticipated works and should be classified as Small, Medium, or Large. The following are examples of how the potential dust emission magnitude for different activities can be defined. Note that, in each case, not all the criteria need to be met, and that other criteria may be used if justified in the assessment:*

Demolition: Any activity involved with the removal of an existing structure (or structures). This may also be referred to as de-construction, specifically when a building is to be removed a small part at a time. Example definitions for demolition are:

- *Large: Total building volume >50,000 m^3, potentially dusty construction material (e.g. concrete), on-site crushing and screening, demolition activities >20 m above ground level*

- *Medium: Total building volume 20,000 m^3 to 50,000 m^3, potentially dusty construction material, demolition activities 10 to 20 m above ground level*
- *Small: Total building volume <20,000 m^3, construction material with low potential for dust release (e.g. metal cladding or timber), demolition activities <10 m above ground, demolition during wetter months.*

Earthworks: Earthworks will primarily involve excavating material, haulage, tipping and stockpiling. This may also involve levelling the site and landscaping. Example definitions for earthworks are:

- *Large: Total site area >10,000 m^2, potentially dusty soil type (e.g. clay, which will be prone to suspension when dry due to small particle size), >10 heavy earth moving vehicles active at any one time, formation of bunds >8 m in height, total material moved >100,000 t*
- *Medium: Total site area 2,500 m^2 to 10,000 m^2, moderately dusty soil type (e.g. silt), 5 to 10 heavy earth moving vehicles active at any one time, formation of bunds 4 m to 8 m in height, total material moved 20,000 t to 100,000 t*
- *Small: Total site area <2,000 m^2 – soil type with large grain size, e.g. sand, <5 heavy earth moving vehicles at one time, formation of bunds <4 m in height, total material moved <20,000 t, earthworks during wetter months.*

Construction: The key issues when determining the potential dust emission magnitude during the construction phase include the size of the building(s)/infrastructure, method of construction, construction materials, and duration of build. Example definitions for construction are:

- *Large: Total building volume >100,000 m^3, on site concrete batching, sandblasting*
- *Medium: Total building volume 25,000 m^3 to 100,000 m^3, potentially dusty construction material (e.g. concrete), on site concrete batching*
- *Small: Total building volume <25,000 m^3, construction material with low potential for dust release (e.g. metal cladding or timber).*

Trackout: Factors which determine the dust emission magnitude are vehicle size, vehicle speed, vehicle numbers, geology and duration. As with all other potential sources, professional judgement must be applied when classifying trackout into one of the dust emission magnitude categories. Example definitions for trackout are:

- *Large: >50 truck (>3.5 t) outward movements in any one day, potentially dusty surface material (e.g. high clay content), unpaved road length 50 m to 100 m*
- *Medium: 10 to 50 truck (>3.5 t) outward movements in any one day, moderately dusty surface material (e.g. high clay content), unpaved road length 50 m to 100 m*
- *Small: <10 truck (>3.5 t) outward movements in any one day, surface material with low potential for dust release, unpaved road length <50 m.*

Potential dust emission magnitudes for the Project were estimated based on the IAQM examples listed above. Justification and the factors used in determining the magnitudes are presented in Table 6.2. Due to the size of the Project, multiple work fronts will be active at any one time along the alignment.

Table 6.2 Construction activities and dust emission magnitude justification

Activity	Potential dust emission magnitude	Justification
Demolition	Small	▪ Demolition of small-scale bridge and culvert structures by excavator consisting of concrete and steel. ▪ Total volume presently unknown although assumed to be < 20,000 m^3 due to small scale of structures.

Activity	Potential dust emission magnitude	Justification
Earthworks	Large	▪ Multiple work fronts at any one time along the alignment. ▪ Vegetation clearing for new access tracks and laydown areas will occur where necessary. Clearing is staged to limit size of disturbance area at any one time. ▪ Topsoil along entire alignment (47 km long) will be stripped (approximate depth of 0.3 m) and stockpiled. Wherever possible and appropriate material will be reused along the Project alignment. ▪ 32 laydown areas along the alignment, primarily to act as locations for excavation stockpiling. Stockpiles to be located as close as possible to the excavation source. ▪ Cut volumes of up to 3,600,000 m^3 and excavated material re-used as fill of up to 2,300,000 m^3. The total length of cut is in the order of 7.6 km (thirteen cuts) ▪ Utility relocations involving up to 662 utility clashes. ▪ Earthworks material likely to be dusty especially during dry season. Soil types within the disturbance footprint will be confirmed.
Construction	Large	▪ Construction period of approximately four years, with multiple work fronts at any one time along the alignment. ▪ Installation of approximately 47 km of railway utilising steel rail, sleepers, ballast and concrete. Concrete and ballast present high dust risk. ▪ Construction of railway tunnel approximately 850 m in length, including a tunnel control centre (single story to be located at western portal) and a substation building to provide and distribute power to tunnel systems (steel and concrete material). Tunnel construction will be undertaken via either roadheader excavation or drilling and blasting. ▪ Construction of 31 new bridge structures, steel material presents low dust risk however concrete presents a high dust risk. ▪ Four temporary site offices and parking facilities. ▪ Potential for batching plants and material handling facility assumed to be located at 2 laydown areas (ID H2C-LDN035.4 (Warrego Highway at Ch 35.4 km) & H2C-LDN061.2 (Tunnel Portal West at Ch 61.2 km)). Assessment has been undertaken at indicative locations so that potential risks can be identified, specific locations and details will be determined during the detailed design phase. ▪ Construction of seven fuel storage facilities with capacities between 20,000 to 40,000 L. ▪ Laydown areas to also include temporary parking facilities for construction workers. ▪ Construction of temporary rail handling facility ▪ Construction of temporary and permanent fencing – total lengths to be determined during detailed design phase.
Trackout	Large	▪ Multiple work fronts at any one time along alignment. ▪ High amount of daily vehicle movements expected per work site (both light and heavy vehicles). ▪ Movement of ballast via heavy vehicle haulage trucks. ▪ After construction, access tracks are expected to be reinstated or only used for maintenance activities. ▪ Total length of unpaved road/access tracks unknown until design is finalised but will be significant due to the size of the Project.

Emissions of TSP and PM_{10} from construction have been estimated for loading of spoil, unloading of spoil and spoil haulage to provide an indication of the quantity of emissions from these sources. Emissions have been estimated using the emission factors presented in the NPI *Emissions Estimation Technique Manual for Mining* (DSEWPC 2012), which are also referenced by the DTMR Road Traffic Air Quality Management Manual (DTMR 2009). Although the emission formulas in this NPI manual are prescribed for mining, they are considered appropriate to estimate emissions from loading, unloading and haulage due to the similarity of these activities between mining and construction.

Construction dust will be generated by numerous activities (as described in Table 6.2) and will not be limited to loading, unloading and haulage. However, these activities have been considered to provide an indication of potential emissions as they will occur along the alignment.

Emissions have been estimated assuming that the majority of earthworks for the Project are undertaken over a period of two years, and that the volume of cut and fill required to be loaded and unloaded is 5,900,000 m^3 (as per Table 6.2). Assuming a spoil density of 2,000 kg/m^3, this equates to up to 12,000,000 t of spoil which may require handling. The estimated indicative construction dust emissions are summarised as follows:

- Dust from loading spoil has been estimated to generate emissions at a rate of 0.16 kg/tonne for TSP and 0.08 kg/tonne for PM_{10}. The total volume of spoil estimated to be loaded per day across the entire Project (assuming two year earthworks duration) is approximately 10,900 m^3, or 21,800 t based on the assumed density of 2,000 kg/m^3. This results in estimated total emissions of approximately 3,488 kg/day of TSP and 1,744 kg/day of PM_{10} across the entire Project. As outlined in Table 6.2, thirteen cuts are required to maintain the required track elevations for the proposed alignment. Assuming that the cut volume is equal across each of the 13 locations, the emission rate per cutting area would be approximately 268 kg/day of TSP and 134 kg/day of PM_{10}. As noted in (DTMR 2009) there is no mitigation control efficiency available for loading of spoil.
- Dust from uncontrolled (no mitigation) unloading of spoil has been estimated to generate emissions at a rate of 0.012 kg/t for TSP and 0.004 kg/tonne for PM_{10}. Assuming the total volume of spoil which is unloaded is 21,800 t/day, this results in an estimated emission rate of approximately 262 kg/day of TSP and 87 kg/day of PM_{10} across the entire Project. Assuming that the spoil is dumped equally across the 12 laydown areas which are nominated to receive ballast, the unmitigated emission rate per laydown area would be approximately 22 kg/day for TSP and 7.3 kg/day for PM_{10}. Further assuming that a 70 per cent reduction in emissions could be achieved through the use of water sprays at the point of unloading, the mitigated emission rate per laydown area would be reduced to 6.6 kg/day for TSP and 2.2 kg/day for PM_{10}.
- Uncontrolled emissions of dust from the movement of vehicles on unsealed roads has been estimated to generate emissions at a rate of 2.6 kg/vehicle kilometres travelled (VKT) for TSP and 0.72 kg/VKT for PM_{10}. Assuming that the transport capacity of the haul trucks used is 50 t/truck, the total weight of spoil generated is 21,800 t, and the total haul distance per truck is 4 km, the total VKT is estimated to be 873 km/day. This results in an estimated emission rate of approximately 2,270 kg/day for TSP and 629 kg/day for PM_{10} across the entire Project. Assuming a 75 per cent reduction in emissions could be achieved through the application of water to the haul roads, the emission rates would be reduced to 567 kg/day for TSP and 157 kg/day for PM_{10} across the entire Project.
- Emissions will also via wind erosion of exposed areas and stockpiles. Emission quantities for wind erosion cannot be accurately estimated at this time due to uncertainty regarding the total area of stockpiles and exposed earth. However, there are numerous mitigation measures available including wind breaks (30 per cent emission reduction), water sprays (50 per cent emission reduction) and enclosure (e.g. stockpile covers) (99 per cent emission reduction).

The impact of construction activity on sensitive receptors will be influenced by the source characteristics (e.g. emission rate, emission height), the proximity of the receptor to construction dust sources, and local weather conditions at the time of the activity. The estimates are total emissions and do not relate to level of potential impact at potentially affected sensitive receptors. However, it is evident from the emission estimates that construction dust emissions can be significantly reduced through the implementation of mitigation measures.

The following sections outline the sensitivity of the AQIA study area to unmitigated construction dust impacts. The proposed mitigation measures and the assessed residual impacts following the implementation of the mitigation measures are discussed in Sections 9 and 10.

6.1.4 Step 2B – Sensitivity of surrounding area

The IAQM methodology allows the sensitivity of an area to dust deposition, human health impacts due to PM_{10}, and ecological effects to be classified as high, medium, or low. The classifications are determined according to matrix tables provided in the IAQM guidance document. Individual matrix tables for dust deposition and human health impacts are provided. Factors used in the matrix tables to determine the sensitivity of the surrounding area are described as follows:

- Receptor sensitivity (for individual receptors in the area):
  - *High sensitivity – locations where members of the public are likely to be exposed for eight hours or more in a day. For example, private residences, hospitals, schools, or aged care homes.*
  - *Medium sensitivity – places of work where exposure is likely to be eight hours or more in a day.*
  - *Low sensitivity – locations where exposure is transient – i.e. one or two hours maximum. For example, parks, footpaths, shopping streets, playing fields.*
- Ambient annual mean PM_{10} concentrations (only applicable to the human health impact matrix)
- Number of receptors in the area
- Proximity of receptors to dust sources.

Table 6.3 details the IAQM guidance sensitivity levels from dust deposition effects on people and property. As detailed in Section 6.1.1 the total number of receptors identified in the AQIA study area is 5,903, all of which are classified as high sensitivity. Of the 5,903 receptors, 890 are located within 350 m of the temporary construction disturbance footprint; 118 of the 890 receptors are located less than 20 m away.

Assessing the sensitivity level to dust deposition effects from the Project using the IAQM guidance the sensitivity is determined to be high as there are more than 10 receptors located within 20 m of active construction areas. However, the length of the Project is 47 km and the density of receptors near active construction areas is much less than a standard construction site in an urban area. Based on the land use of the AQIA study area a rating of high for sensitivity to dust deposition is considered overly conservative, and a rating of medium is considered more appropriate. A rating of medium has been used for the sensitivity of receptors to dust deposition impacts.

Table 6.3 IAQM surrounding area sensitivity to dust deposition impacts

Receptor sensitivity	Number of receptors	Distance from the source			
		<20	<50	<100	<350
High	>100	High	High	Medium	Low
	10-100	High	Medium	Low	Low
	1-10	Medium	Low	Low	Low
Medium	>1	Medium	Low	Low	Low
Low	>1	Low	Low	Low	Low

A modified version of the IAQM guidance for assessing the sensitivity of an area to human health impacts is shown in Table 6.4. For high and medium sensitivity receptors, the IAQM methods takes the existing background concentrations of PM_{10} (as an annual average) experienced in the area of interest (e.g. AQIA study area). As the UK goals for PM_{10} differ from the ambient air quality goals adopted for use in this assessment (QLD air quality goals) the annual mean concentration categories used in the assessment (refer Table 6.4) have been modified from those presented in the IAQM method. This approach is consistent with the IAQM guidance, which notes that in using the tables to define the sensitivity of an area, professional judgement may be used to determine alternative sensitivity categories.

Table 6.4 IAQM guidance for categorising the sensitivity of an area to human health impacts

Receptor sensitivity	Annual mean PM_{10} concentration[a]	Number of receptors	Distance from the source				
			<20	<50	<100	<250	<350
High	> 25 µg/m^3	> 100	High	High	High	Medium	Low
		10 - 100	High	High	Medium	Low	Low
		1 - 10	High	Medium	Low	Low	Low
	21 – 25 µg/m^3	> 100	High	High	Medium	Low	Low
		10 - 100	High	Medium	Low	Low	Low
		1 - 10	High	Medium	Low	Low	Low
	17 – 21 µg/m^3	> 100	High	Medium	Low	Low	Low
		10 - 100	High	Medium	Low	Low	Low
		1 - 10	Medium	Low	Low	Low	Low
	< 17 µg/m^3	> 100	Medium	Low	Low	Low	Low
		10 - 100	Low	Low	Low	Low	Low
		1 - 10	Low	Low	Low	Low	Low
Medium	> 25 µg/m^3	> 10	High	Medium	Low	Low	Low
		1 - 10	Medium	Low	Low	Low	Low
	21 – 25 µg/m^3	> 10	Medium	Low	Low	Low	Low
		1 - 10	Low	Low	Low	Low	Low
	17 – 21 µg/m^3	> 10	Low	Low	Low	Low	Low
		1 - 10	Low	Low	Low	Low	Low
	< 17 µg/m^3	> 10	Low	Low	Low	Low	Low
		1 - 10	Low	Low	Low	Low	Low
Low	Any	>1	Low	Low	Low	Low	Low

Table note:

a The annual mean PM_{10} concentration categories have been modified from the IAQM guidance to adjust for assessment of a site in QLD.

As detailed in Section 5.3, the background annual average PM_{10} concentrations at the Flinders View monitoring station range from 13.1 to 16.2 µg/m^3. Table 6.4 above provides the IAQM guidance sensitivity levels for human health impacts for an annual average PM_{10} concentration of <17 µg/m^3.

Assessing the sensitivity level to human health impacts using the IAQM guidance the sensitivity is determined to be medium as there are more than 100 receptors located within 20m of active construction areas. As discussed for the sensitivity to dust impacts, the density of receptors near the Project is not consistent with a construction site in an urban area, and based on the assumed background concentrations a rating of medium is considered conservative. However, due to the proximity of some receptors to the disturbance footprint, such as the receptors in the Gatton caravan park, the sensitivity category of medium has been used to provide a conservative assessment of impacts from construction.

The most sensitive areas to construction dust impacts will be areas located near active construction areas (e.g. laydown areas) and the several small townships within 5 km of the alignment, including Helidon, Grantham, Placid Hills, Gatton, Forest Hill, Laidley, Grandchester and Calvert.

6.1.5 Step 2C – Unmitigated risks of impacts

The dust emission magnitudes for each activity as determined in Step 2A were combined with the sensitivity of the areas adjacent to the Project alignment (in Table 6.3 and Table 6.4) to determine the risk of construction dust air quality impacts with no mitigation applied. The risk of impacts for each activity is assessed according to the IAQM risk matrix methodology which is provided in Table 6.5. The "without mitigation" dust risk impacts for each activity are summaries in Table 6.6.

Table 6.5 IAQM risk matrix

Activity	Surrounding area sensitivity	Dust emission magnitude		
		Large	Medium	Small
Demolition	High	High risk	Medium risk	Medium risk
	Medium	High risk	Medium risk	Low risk
	Low	Medium risk	Low risk	Negligible
Earthworks	High	High risk	Medium risk	Low risk
	Medium	Medium risk	Medium risk	Low risk
	Low	Low risk	Low risk	Negligible
Construction	High	High risk	Medium risk	Low risk
	Medium	Medium risk	Medium risk	Low risk
	Low	Low risk	Low risk	Negligible
Trackout	High	High risk	Medium risk	Low risk
	Medium	Medium risk	Low risk	Negligible
	Low	Low risk	Low risk	Negligible

Table 6.6 Without mitigation dust risk impacts for Project construction activities

Potential impact	Risk			
	Demolition	Earthworks	Construction	Trackout
Scale of Activity (IAQM Table 4)	Small	Large	Large	Large
Dust Deposition	Low	Medium	Medium	Medium
Human Health	Low	Medium	Medium	Medium

The result of the qualitative air quality risk assessment shows that the unmitigated air emissions from the construction of the Project poses a medium risk of human health and dust deposition impacts.

6.1.6 Step 3 – Management strategies

The purpose of Step 2 is used to determine if mitigation measures are required to ensure that dust impacts on surrounding sensitive receptors are maintained at an acceptable level. A high or medium-level risk rating means that suitable management measures must be implemented.

A Construction Environmental Management Plan (CEMP) will be developed to mitigate and manage potential impacts during construction. Proposed mitigation measures for the construction phase of the Project, which will be included in the draft Outline Environmental Management Plan (Draft Outline EMP), are presented in Section 9.3 (refer EIS Chapter 23: Draft Outline Environmental Management Plan).

6.1.7 Step 4 – Reassessment

The final step of the IAQM methodology is to determine whether there are significant residual impacts, post mitigation, arising from a proposed development. The guidance states:

> *For almost all construction activity, the aim should be to prevent significant effects on receptors through the use of effective mitigation. Experience shows that this is normally possible. Hence the residual effect will normally be "not significant".*

The dust risk assessment in Table 6.6 shows that without mitigation there is an anticipated medium risk of impact to dust deposition and human health as a result of earthworks, construction and trackout.

The construction dust sources associated with the Project are common emission sources. Mitigation measures to reduce dust emissions exist for all the identified sources and it is expected that emissions can be well managed through diligent implementation of the control measures.

Mitigation measures proposed to mitigate construction impacts are presented in Section 9.3. An assessment of the residual significance of impact from construction with the implementation of the proposed mitigation measures is presented in Section 10.1.

6.2 Tank fuel storage

Fuel storage is expected to be undertaken at six locations (laydown areas) along the alignment during the construction of the Project. Fuel storage has the potential to impact nearby sensitive receptors due to the emission of VOCs and odour. Table 6.7 presents the proposed laydown areas that may include diesel fuel storage, the volumes proposed to be stored, and the distance from each area to the closest identified sensitive receptor.

Table 6.7 Fuel tank storage locations

Construction area ID	Chainage	Location	Fuel storage proposed (L)	Distance from boundary of laydown area to closest sensitive receptor (m)
H2C-LDN030.7	Ch 30.7 km	Connors Road	< 40,000	159
H2C-LDN035.4	Ch 35.4 km	Warrego Hwy	< 40,000	196
H2C-LDN039.1	Ch 39.1 km	Warrego Hwy	< 20,000	200
H2C-FBW044.6	Ch 44.6 km	Eastern Drive	< 20,000	40
H2C-LDN058.0	Ch 58.0 km	Boundary Road	< 40,000	100
H2C-LDN061.2	Ch 61.2 km	Tunnel portal west	< 20,000	200

Table 6.7 shows that for the largest fuel storage tanks of 40,000 L, the distance to the closest receptor is between 100 m to 196 m, whilst for the smaller tanks of 20,000 L the distance to the closest receptor is between 40 m to 200 m.

EPA Victoria (2013) provides guidance on separation distances for the storage of petroleum products (100 m for floating roof tanks, and 250 m for fixed roof tanks), but this guidance is for tanks exceeding 2000 t, which is far greater than the size of the tanks proposed for the Project.

The BCC Service Station Code provides performance outcomes and acceptable outcomes for service stations to ensure that service station developments are located at "sufficient distance from dwellings to maintain residential amenity in adjoining, adjacent or surrounding areas". Acceptable Outcome AO7.2 specifies acceptable separation distances based on annual fuel throughput. For service stations with an annual fuel throughput of less than 1.2 megalitres (ML) the acceptable separation distance is 10 m, whilst for service stations with annual fuel throughput of between 1.2 to 9 ML, the accepted distance is 50 m. The service station code specifically excludes diesel from the definition of fuel, however, diesel is less volatile than petrol and other motor spirits and therefore the application of these buffers is considered conservative for diesel.

To exceed an annual throughput of 9 ML, the 20,000 L tanks would need to be refilled more than once per day (450 times per year), whilst the 40,000 L tanks would need to be refilled more than once every two days (225 times per year). It is considered improbable that this volume of diesel will be consumed, and it is expected that annual fuel throughput will be considerably less than 9 ML.

All construction areas except for H2C-FBW044.6 (Eastern Drive) have a separation distance from the nearest boundary to the closest receptor of greater than 50 m. However, the dimensions of H2C-FBW044.6 are approximately 130 m x 165 m, and therefore the tank in this construction area is able to be located at a position which is further than 50 m from the nearest receptor.

It is proposed that at minimum fuel tanks will be located at least 50 m from the nearest sensitive receptor, but separation distances will be maximised as far as practical within site restrictions. A minimum separation distance of 50 m and compliance with AS 1940:2017 *The storage and handling of flammable and combustible liquids* (Australian standards 2017) is expected to result in negligible impacts to sensitive receptors based on the recommendations of the BCC Service Station Code.

7 Operational air quality impact assessment

This section presents the results of the assessment impacts to air quality and tank water quality from the operational phase of the Project.

Air emissions from the commissioning phase of the Project are expected to be insignificant and are considered unlikely to generate nuisance or risk exceedance of the Projects air quality goals and therefore have not been assessed.

Given the uncertainty associated with timeframe for decommissioning, this phase has not been considered in this assessment.

7.1 Air quality

7.1.1 Dispersion modelling results

The results of the air quality dispersion modelling of operational impacts are presented in this section. The results are itemised in the increments described below in Table 7.1.

Table 7.1 Modelling increment descriptions

Increments	Description
Project only contribution	Represents the predicted concentrations from modelled Project locomotive emissions (including existing QR train services travelling along Project alignment). Different versions of the model have been run to assess emissions from the crossing loops as discussed in Sections 4.4.2.6 and 4.4.2.7.
Background concentration	Adopted background concentrations as per Section 5.3
Total cumulative concentration	The cumulative concentration of the Project contribution, adopted background concentrations and non-project contributions (from the adjacent G2H and C2K Inland Rail projects)
With veneering	Contribution from trains with veneering (75 per cent reduction to emissions from coal wagons) (only applicable for TSP, PM_{10}, $PM_{2.5}$ and deposited dust)
Without veneering	Contribution from trains without veneering (no reduction to coal wagon emissions) (only applicable for TSP, PM_{10}, $PM_{2.5}$ and deposited dust)

The results of the dispersion modelling for peak and typical train operations at the worst affected sensitive receptor are shown in Table 7.2 and Table 7.3. The principal pollutants of concern for emissions from locomotives and coal wagons are PM_{10}, $PM_{2.5}$, and NO_2.

Table 7.2 shows that compliance is predicted for all pollutants for peak operations with the exception of the annual average goals for PM_{10} and $PM_{2.5}$, which are predicted to be exceeded without veneering. The predicted cumulative annual average concentration for PM_{10} without veneering is 27.8 µg/m^3 at the worst affected sensitive receptor, which is above the goal of 25 µg/m^3. The predicted cumulative annual average concentration for $PM_{2.5}$ without veneering is 8.1 µg/m^3 at the worst affected sensitive receptor, which is above the goal of 8 µg/m^3. The predicted cumulative annual average concentrations for PM_{10} and $PM_{2.5}$ with veneering are 19.7 µg/m^3 and 6.9 µg/m^3, which are below each of the relevant goals. With the inclusion of veneering, the Project contribution to concentrations at sensitive receptors is significantly reduced and compliance with the Project air quality goals is predicted to be achieved for peak operations.

Table 7.3 shows that compliance is predicted for all pollutants for typical operations with the exception of the annual average goal for PM_{10}, which is predicted to be exceeded without veneering. The predicted cumulative annual average concentration for PM_{10} without veneering is 25.7 µg/m^3 at the worst affected sensitive receptor, which is above the goal of 25 µg/m^3. The predicted cumulative annual average concentration for PM_{10} with veneering is 19.1 µg/m^3 at the worst affected sensitive receptor, below the goal of 25 µg/m^3. With the inclusion of veneering, the Project contribution to concentrations at sensitive receptors is significantly reduced and compliance with the Project air quality goals is predicted to be achieved for typical operations.

As discussed in Section 3.2, the air quality goals adopted for the assessment are prescribed to protect or enhance the environmental values of health and wellbeing and protecting the aesthetic environment. Assessment of the Projects impact to these environmental values is discussed in the following sections.

Model predictions at each receptor in the AQIA study area for the peak scenario with veneering are presented in Appendix E for PM_{10}, $PM_{2.5}$ and NO_2. Appendix F provides detailed figures presenting the receptor locations included in the modelling.

7.1.1.1 Environmental value: human health and wellbeing

All of the pollutant species considered in detail for the assessment of operational impacts have goals which are set for the protection of human health with the exception of dust deposition and toluene (30 minute average). With the inclusion of veneering, the predicted cumulative concentrations for all pollutants assessed are below the adopted goals for both the peak and typical train volumes assessed.

The assessment has considered background air quality in the prediction of cumulative concentrations, and therefore the results of the assessment can be used to assess the impact on human health. As predicted cumulative concentrations are compliant with the adopted air quality goals, the operation of the Project is not expected to significantly impact the environmental value of health and wellbeing.

7.1.1.2 Environmental value: aesthetics of the environment

The pollutant species which have air quality goals set for the protection of the aesthetic environment are toluene (30 minute average) and dust deposition. Table 7.2 and Table 7.3 show that the Project contribution to toluene (30 minute average) is 0.0097 ug/m^3 for the peak scenario and 0.0096 ug/m^3 for the typical scenario, which both represent less than 0.1 per cent of the 30 minute average goal of 1,100 ug/m^3.

The predicted maximum Project contribution to deposited dust for the peak scenario is 0.10 mg/m^2/day with veneering and 0.36 mg/m^2/day without veneering. For the typical scenario, the predicted Project contribution to deposited dust is 0.084 mg/m^2/day with veneering and 0.29 mg/m^2/day without veneering. Each of these predicted contributions represent less than 0.4 per cent of the adopted goal of 120 mg/m^2/day.

Based on the magnitude of the predicted Project contributions, and as the predicted cumulative concentrations are well below the air quality goals for toluene and deposited dust, the operation of the Project is not expected to significantly adversely impact the environmental values of aesthetic environment and the risk of amenity impacts as a result of the operation of the Project is considered to be low.

Table 7.2 Highest predicted ground level concentrations at worst affected sensitive receptors (peak train operation)

Pollutant	Receptor	Average period	Highest predicted ground level pollutant concentration at identified sensitive receptor locations (µg/m^3)			Assessment goal (µg/m^3)
			Project only contribution (A)	Background concentration (B)	Project only contribution + Background concentration (A + B)	
TSP	s3623	Annual average (with veneering)	5.2	40.5	46.7	90
	s3623	Annual average (without veneering)	22.4		62.9	
PM_{10}	s63	24 hour maximum (with veneering)	10.4	18.7	29.1	50
	s3623	24 hour maximum (without veneering)	27.7		46.4	
	s3623	Annual average (with veneering)	2.5	16.2	19.7	25
	s3623	Annual average (without veneering)	11.6		**27.8**	
$PM_{2.5}$	s63	24 hour maximum (with veneering)	8.3	6.4	14.7	25
	s63	24 hour maximum (without veneering)	9.2		15.6	
	s3623	Annual average (with veneering)	1.2	5.7	6.9	8
	s3623	Annual average (without veneering)	2.4		**8.1**	
Deposited dust	s1627	30 day (with veneering)	0.10 mg/m^2/day	50 mg/m^2/day	50.1 mg/m^2/day	120 mg/m^2/day [c]
	s1627	30 day (without veneering)	0.36 mg/m^2/day		50.4 mg/m^2/day	
NO_2	s5071	1 hour maximum	165.6	24.6	190.2	250
	s1627	Annual average	12.5	7.8	20.3	62
Arsenic and compounds	s3623	Annual average	2.30 x 10^{-4} ng/m^3	-[b.]	-[b.]	6 ng/m^3
Cadmium and compounds	s3623	Annual average	2.30 x 10^{-2} ng/m^3	-[b.]	-[b.]	5 ng/m^3
Chromium III and compounds	s5071	1 hour maximum	8.20 x 10^{-4}	-[b.]	-[b.]	9
Chromium VI and compounds	s5071	1 hour maximum	8.20 x 10^{-4}	-[b.]	-[b.]	0.1
	s3623	Annual average	1.15 x 10^{-4}	-[b.]	-[b.]	0.01
Lead and compounds	s3623	Annual average	2.04 x 10^{-6}	-[b.]	-[b.]	0.5
Nickel and compounds	s3623	Annual average	0.29 ng/m^3	-[b.]	-[b.]	22 ng/m^3
Dioxins and furans	s3623	Annual average	4.11 x 10^{-11}	-[b.]	-[b.]	3 x 10^{-8}

Pollutant	Receptor	Average period	Highest predicted ground level pollutant concentration at identified sensitive receptor locations (µg/m^3)			Assessment goal (µg/m^3)
			Project only contribution (A)	Background concentration (B)	Project only contribution + Background concentration (A + B)	
Polycyclic aromatic hydrocarbon (as benzo[a]pyrene)	s3623	Annual average	0.013 ng/m^3	-[b.]	-[b.]	0.3 ng/m^3
1,3-butadiene	s3623	Annual average	0.15	-[b.]	-[b.]	2.4
Benzene	s3623	Annual average	0.0014	5.2	5.2	5.4
Toluene	s63	30-minute maximum [a.]	0.0097	23.0	23.0	1,100
	s63	24 hour maximum	0.00350	21.7	21.7	4,100
	s3623	Annual average	0.00021	18.5	18.5	400
Xylenes	s63	24 hour maximum	0.483	31.5	32.0	1100
	s3623	Annual average	0.028	26.0	26.0	950

Table notes:

a. 30-minute averages calculated from 1-hour modelling results as per (Turner 1970)
b. No background monitoring data available for modelled pollutant
c. Goal of 120 mg/m^2/day, calculated based on the average deposition over a period of one month
Predicted concentrations which exceed the air quality goal are shown in **bold**.

Table 7.3 Highest predicted ground level concentrations at worst affected sensitive receptors (typical train operation)

Pollutant	Receptor	Average period	Highest predicted ground level pollutant concentration at identified sensitive receptor locations (µg/m^3)			Assessment goal (µg/m^3)
			Project only contribution (A)	Background concentration (B)	Project only contribution + Background concentration (A + B)	
TSP	s3623	Annual average (with veneering)	5.1	40.5	45.6	90
	s3623	Annual average (without veneering)	18.3		58.8	
PM_{10}	s63	24 hour maximum (with veneering)	9.9	18.7	28.6	50
	S3623	24 hour maximum (without veneering)	22.6		41.3	
	s3623	Annual average (with veneering)	2.9	16.2	19.1	25
	s3623	Annual average (without veneering)	9.5		**25.7**	
$PM_{2.5}$	s63	24 hour maximum (with veneering)	8.1	6.4	14.5	25
	s63	24 hour maximum (without veneering)	8.9		15.3	
	s3623	Annual average (with veneering)	1.0	5.7	6.7	8
	s3623	Annual average (without veneering)	1.9		7.6	
Deposited dust	s1627	30 day (with veneering)	0.084 mg/m^2/day	50 mg/m^2/day	50.1 mg/m^2/day	120 mg/m^2/day [c]
	s1627	30 day (without veneering)	0.29 mg/m^2/day		50.3 mg/m^2/day	
NO_2	s5701	1 hour maximum	165.1	24.6	189.7	250
	s1627	Annual average	10.6	7.8	18.4	62
Arsenic and compounds	s3623	Annual average	1.88 x 10^{-4} ng/m^3	-[b.]	-[b.]	6 ng/m^3
Cadmium and compounds	s3623	Annual average	1.88 x 10^{-2} ng/m^3	-[b.]	-[b.]	5 ng/m^3
Chromium III and compounds	s5701	1 hour maximum	7.67 x 10^{-4}	-[b.]	-[b.]	9
Chromium VI and compounds	s5701	1 hour maximum	7.67 x 10^{-4}	-[b.]	-[b.]	0.1
	s3623	Annual average	9.42 x 10^{-5}	-[b.]	-[b.]	0.01
Lead and compounds	s3623	Annual average	1.67 x 10^{-6}	-[b.]	-[b.]	0.5
Nickel and compounds	s3623	Annual average	0.23 ng/m^3	-[b.]	-[b.]	22 ng/m^3
Dioxins and furans	s3623	Annual average	3.36 x 10^{-11}	-[b.]	-[b.]	3 x 10^{-8}

Pollutant	Receptor	Average period	Highest predicted ground level pollutant concentration at identified sensitive receptor locations (µg/m^3)			Assessment goal (µg/m^3)
			Project only contribution (A)	Background concentration (B)	Project only contribution + Background concentration (A + B)	
Polycyclic aromatic hydrocarbon (as benzo[a]pyrene)	s3623	Annual average	0.011 ng/m^3	-[b.]	-[b.]	0.3 ng/m^3
1,3-butadiene	s3623	Annual average	0.12	-[b.]	-[b.]	2.4
Benzene	s3623	Annual average	0.0012	5.2	5.2	5.4
Toluene	s63	30-minute maximum [a.]	0.0096	23.0	23.0	1,100
	s63	24 hour maximum	0.00347	21.7	21.7	4,100
	s3623	Annual average	0.00017	18.5	18.5	400
Xylenes	s63	24 hour maximum	0.478	31.5	32.0	1100
	s3623	Annual average	0.023	26.0	26.0	950

Table notes:

a. 30-minute averages calculated from 1-hour modelling results as per (Turner 1970)
b. No background monitoring data available for modelled pollutant
c. Goal of 120 mg/m^2/day, calculated based on the average deposition over a period of one month
Predicted concentrations which exceed the air quality goal are shown in **bold**.

7.1.1.3 Impacts to the assimilative capacity of the air environment

The assessment has considered background air quality in the prediction of cumulative concentrations and deposition levels at sensitive receptors and has therefore considered the assimilative capacity of the air environment in determining compliance with the adopted air quality goals.

The remaining assimilative capacity of the receiving environment with the operation of the Project has been calculated for TSP, PM_{10}, $PM_{2.5}$ and NO_2, which are the pollutants emitted in the highest quantities by the operation of the Project. The remaining assimilative capacity for the peak and typical train volume scenarios have been calculated for the worst affected receptor with the results presented in Table 7.4 and Table 7.5. It is highlighted that this is a conservative assessment of the assimilative capacity of the receiving environment as predicted concentrations vary significantly at different receptors and therefore the remaining assimilative capacity for each pollutant will be different at each receptor. As Table 7.4 and Table 7.5 consider the worst affected receptor for each pollutant, the assimilative capacity at all other receptors will be higher.

It is also noted that for the assessment of 24 hour average concentrations of PM_{10} and $PM_{2.5}$, the background concentration adopted for each pollutant is based on the highest measured 70th percentile 24 hour concentration between 2010 to 2017 at existing DES monitoring stations (Flinders View for PM_{10} and Springwood for $PM_{2.5}$, refer Sections 5.3.2 and 5.3.6). The assessment methodology assumes the 24 hour background concentration for both pollutants to be constant throughout the year of assessment. In reality, ambient air quality fluctuates and therefore the actual background concentration on the calendar day of the modelled maximum predicted concentration may be lower or higher than the assumed background concentration (measured 70th percentile 24 hour concentration).

Table 7.4 and Table 7.5 show that the pollutant with the highest predicted change to the assimilative capacity of the air environment is NO_2, which is predicted to change by 66 per cent for 1 hour predictions. However, it is noted that even at the worst affected receptor, the remaining assimilative capacity is 24 per cent for 1 hour concentrations, which is considered acceptable considering that the maximum 1 hour prediction presents the worst case impact of the Project on a sensitive receptor.

For particulates, Table 7.4 and Table 7.5 show that with veneering included the maximum change to the assimilative capacity of the receiving environment for peak train volumes is 33 per cent for 24 hour average $PM_{2.5}$ concentrations, with a maximum change of 32 per cent calculated for annual average $PM_{2.5}$ for typical train volumes. The remaining assimilative capacity for 24 hour concentrations of $PM_{2.5}$ is greater than 40 per cent, which is a significant proportion of the air quality goal.

Table 7.4 Remaining assimilative capacity for peak operations for worst affected receptor

Pollutant	Receptor	Averaging period	Project only contribution (µg/m^3)	Total cumulative concentration (µg/m^3)	Air quality goal (µg/m^3)	Remaining assimilative capacity at worst affected receptor (per cent)[a, b]	Change to assimilative capacity at worst affected receptor (per cent)
TSP	s3623	Annual average (with veneering)	5.2	46.7	90	48	7
	s3623	Annual average (without veneering)	22.4	62.9	90	30	25
PM_{10}	s63	24 hour maximum (with veneering)	10.4	29.1	50	42	21
	s3623	24 hour maximum (without veneering)	27.7	46.4	50	7	55
	s3623	Annual average (with veneering)	2.5	19.7	25	21	14
	s3623	Annual average (without veneering)	11.6	27.8	25	-11	46
$PM_{2.5}$	s63	24 hour maximum (with veneering)	8.3	14.7	25	41	33
	s63	24 hour maximum (without veneering)	9.2	15.6	25	38	37
	s3623	Annual average (with veneering)	1.2	6.9	8	14	15
	s3623	Annual average (without veneering)	2.4	8.1	8	-1	30
NO_2	s5071	1 hour	165.6	190.2	250	24	66
	s1627	Annual average	12.5	20.3	62	67	20

Table notes:

a The remaining assimilative capacity of the receiving environment at the worst affected receptor considering contributions from the operation of the Project.
b Negative percentage values occur for pollutants where the goal is exceeded.

Table 7.5 Remaining assimilative capacity for typical operations for worst affected receptor

Pollutant	Receptor	Averaging period	Project only contribution (µg/m^3)	Total cumulative concentration (µg/m^3)	Air quality goal (µg/m^3)	Remaining assimilative capacity at worst affected receptor (per cent)[a, b]	Change to assimilative capacity at worst affected receptor (per cent)
TSP	s3623	Annual average (with veneering)	5.1	45.6	90	49	6
	s3623	Annual average (without veneering)	18.3	58.8	90	35	20
PM_{10}	s63	24 hour maximum (with veneering)	9.9	28.6	50	43	20
	s3623	24 hour maximum (without veneering)	22.6	41.3	50	17	45
	s3623	Annual average (with veneering)	2.9	19.1	25	24	12
	s3623	Annual average (without veneering)	9.5	25.7	25	-3	38
$PM_{2.5}$	s63	24 hour maximum (with veneering)	8.1	14.5	25	42	32
	s63	24 hour maximum (without veneering)	8.9	15.3	25	39	36
	s3623	Annual average (with veneering)	1.0	6.7	8	16	13
	s3623	Annual average (without veneering)	1.9	7.6	8	5	24
NO_2	s5071	1 hour	165.1	189.7	250	24	66
	s1627	Annual average	10.6	18.4	62	70	17

Table notes:

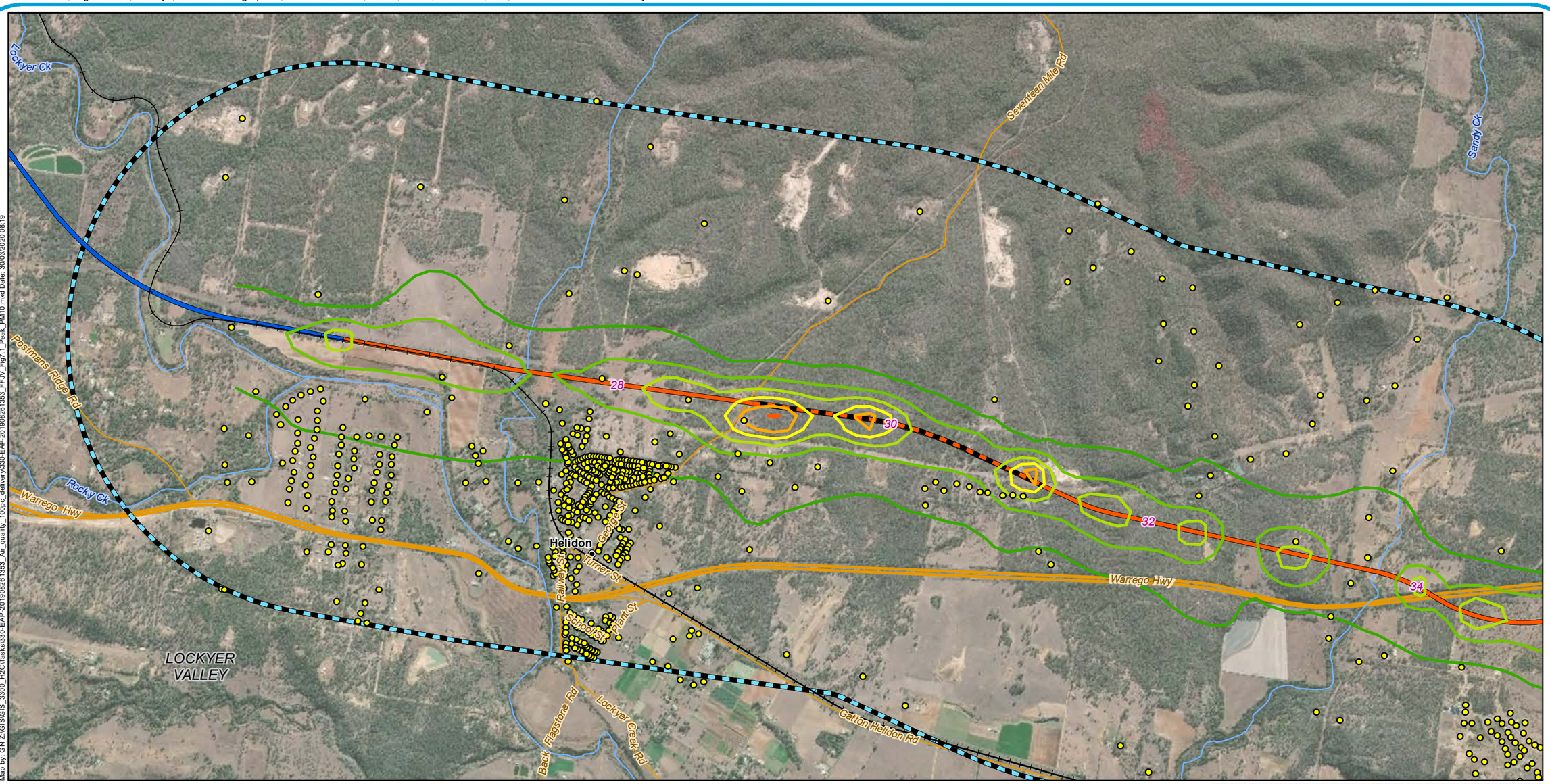
a The remaining assimilative capacity of the receiving environment at the worst affected receptor considering contributions from the operation of the Project.
b Negative percentage values occur for pollutants where the goal is exceeded.

7.1.2 Concentration contours

Predicted cumulative pollutant concentration contours for the peak train volume scenario are presented in Figure 7.1 to Figure 7.3 for PM_{10} (24 hour), $PM_{2.5}$ (annual) and NO_2 (1 hour). Predicted cumulative pollutant concentration contours for the same pollutants for the typical train volume scenario are presented in Figure 7.4 to Figure 7.6.

The concentration contour plots show the predicted cumulative ground level concentration (as contour lines) across the AQIA study area. The contour plots show that ground level concentrations decrease with increased distance from the alignment. The concentration contours are cumulative and therefore can be compared directly against the Project air quality goals as defined in Section 3.6.

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



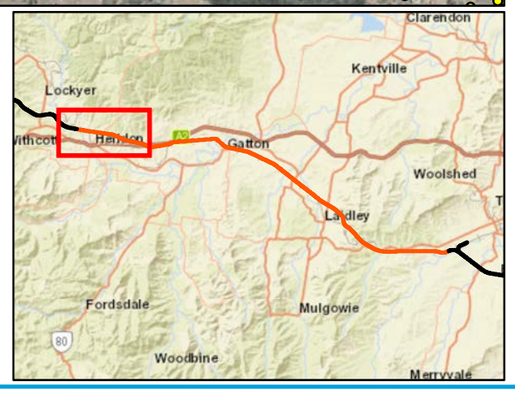
Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FFJV_Fig7.1_Peak_PM10.mxd Date: 30/03/2020 08:19

Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- G2H project alignment
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 26
- 28
- 30
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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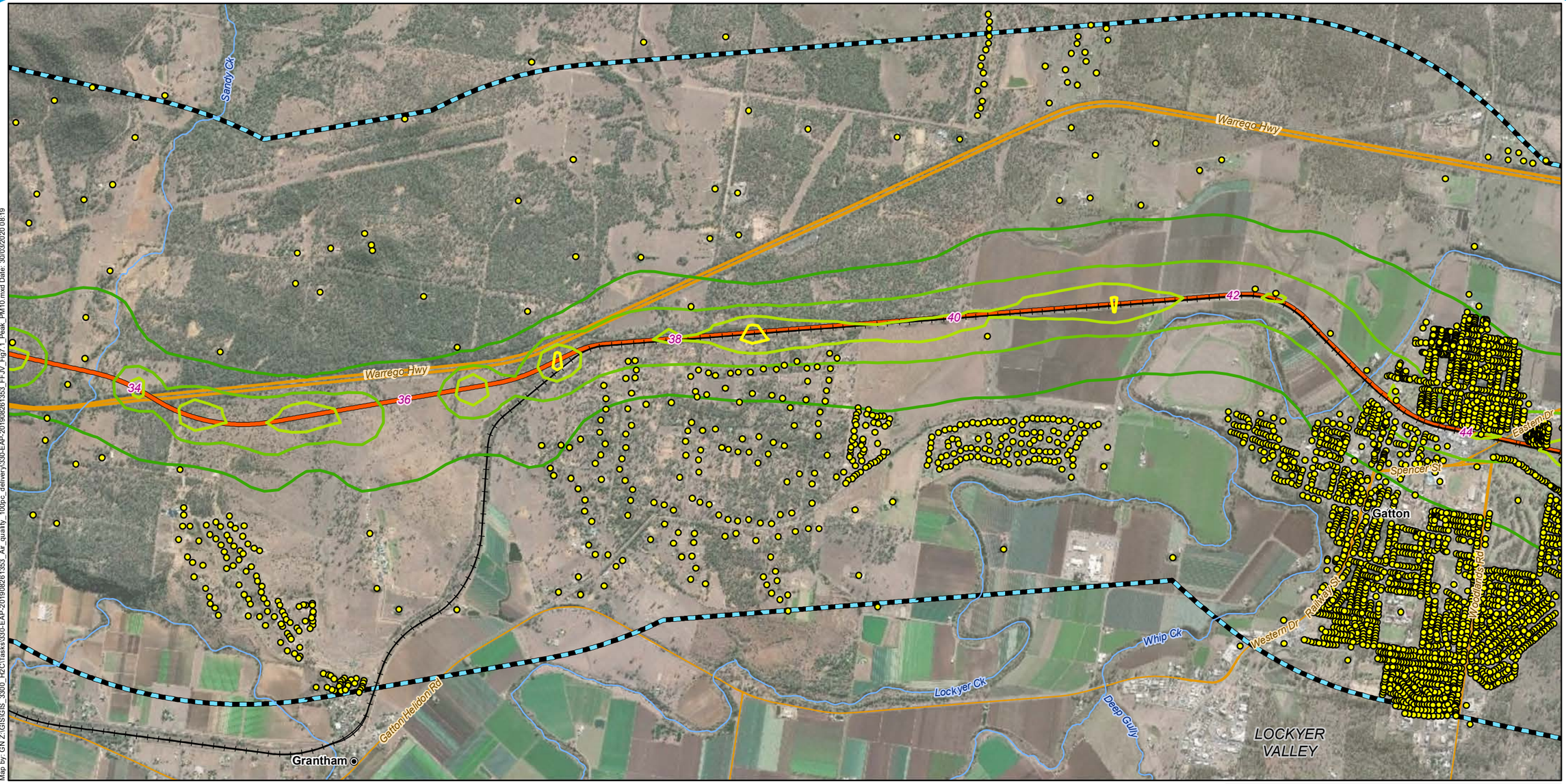
Figure 7.1a: Peak scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

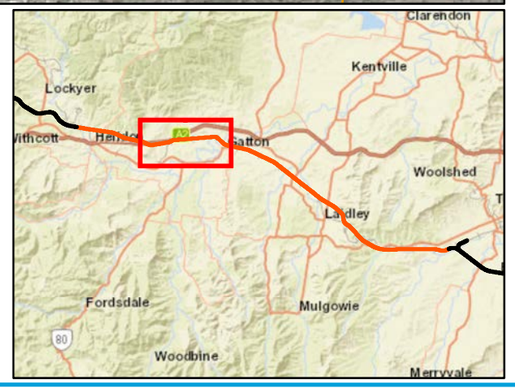


Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 26
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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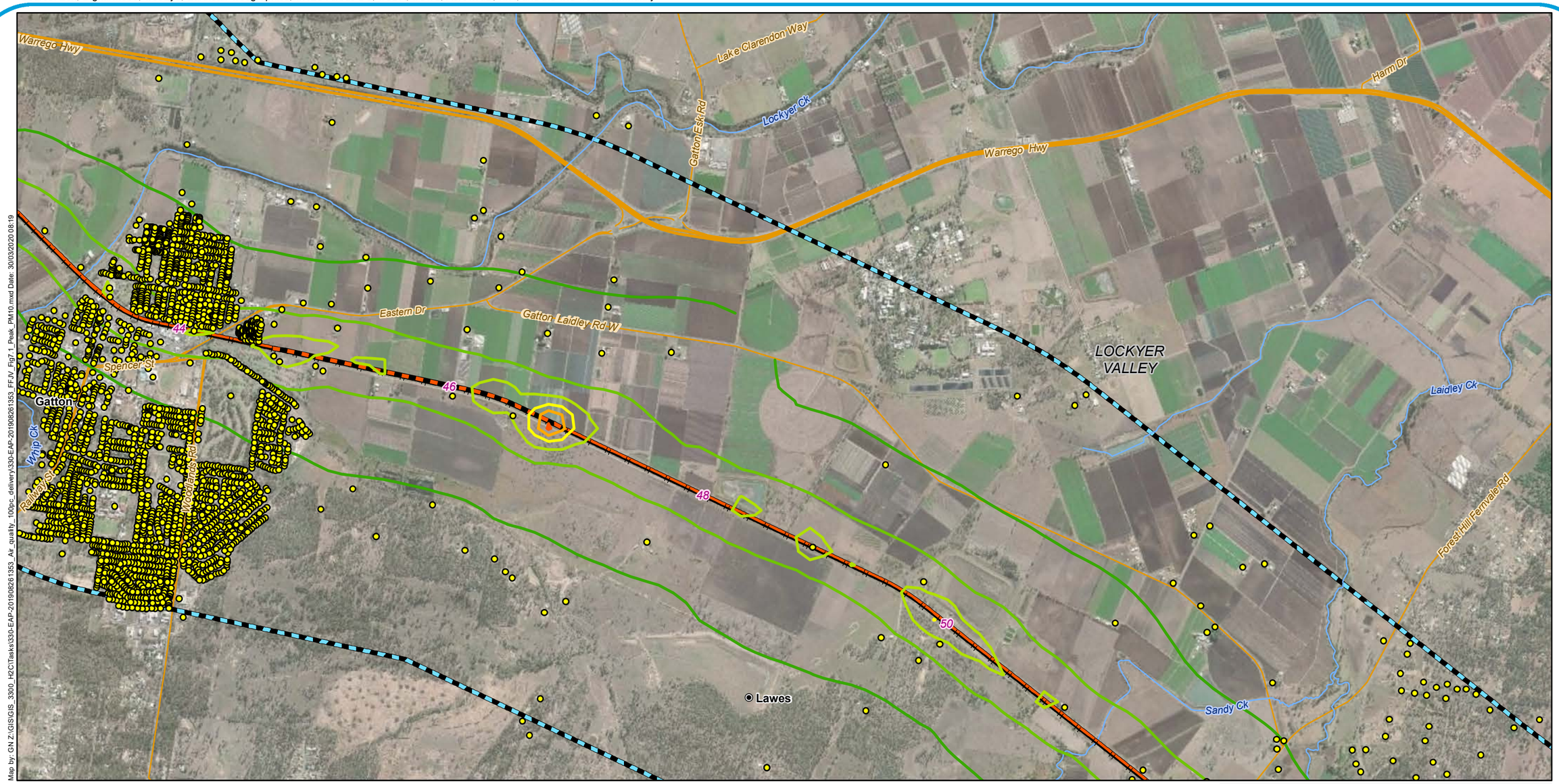
Figure 7.1b: Peak scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

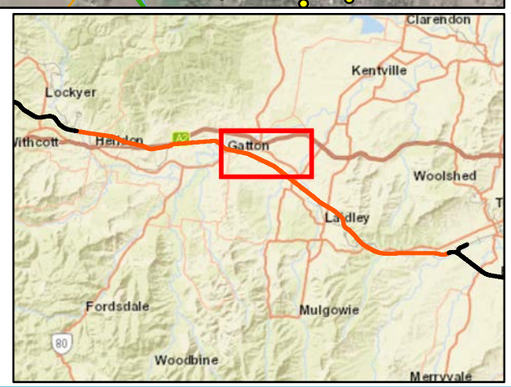


Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 26
- 28
- 30
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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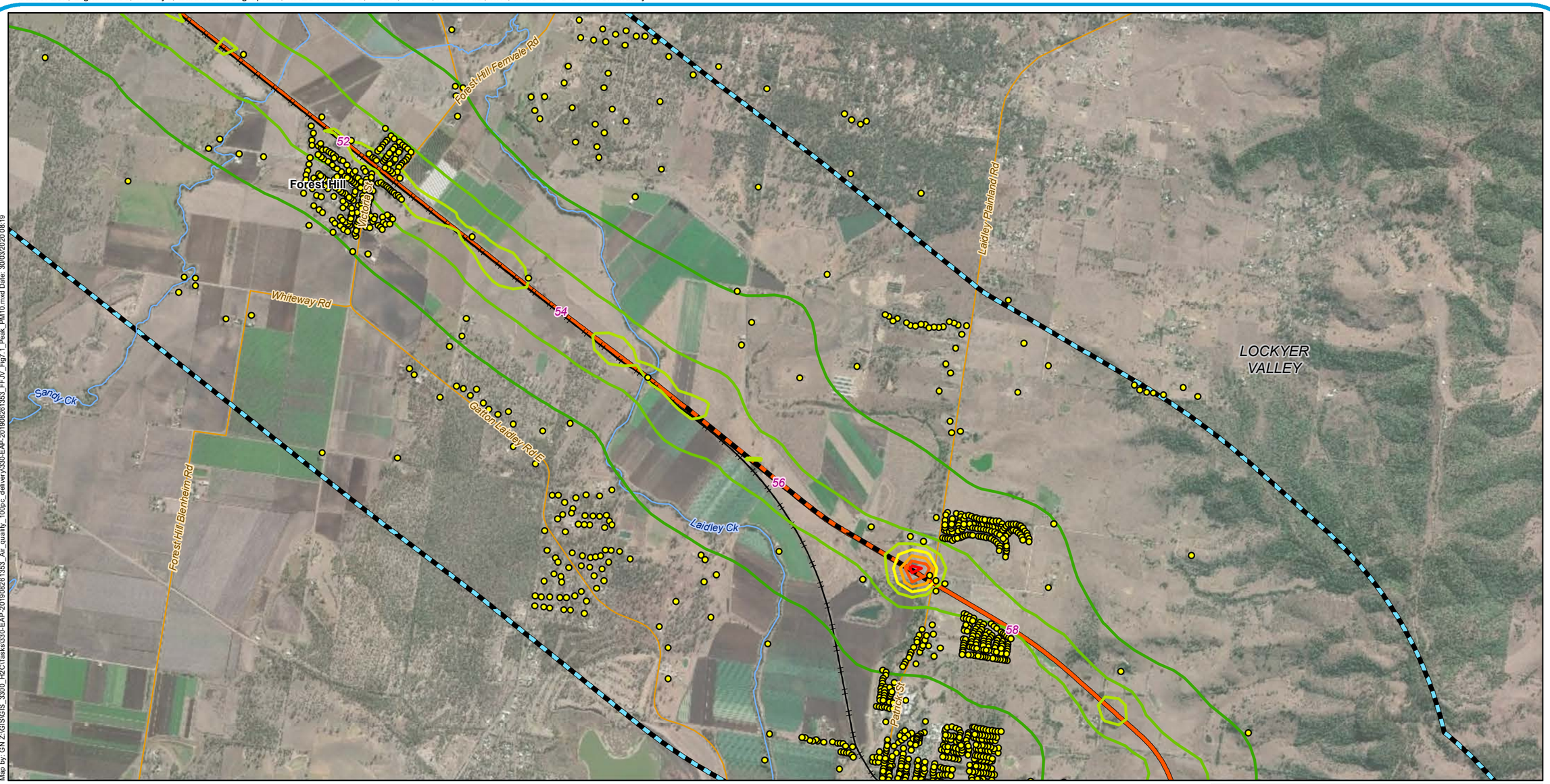
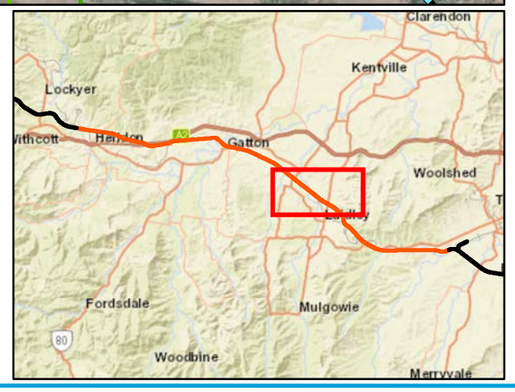
Figure 7.1c: Peak scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FF\JV_Fig7.1_Peak_PM10.mxd Date: 30/03/2020 08:19



A3 scale: 1:30,000
0 0.5 1 1.5 2 2.5 km

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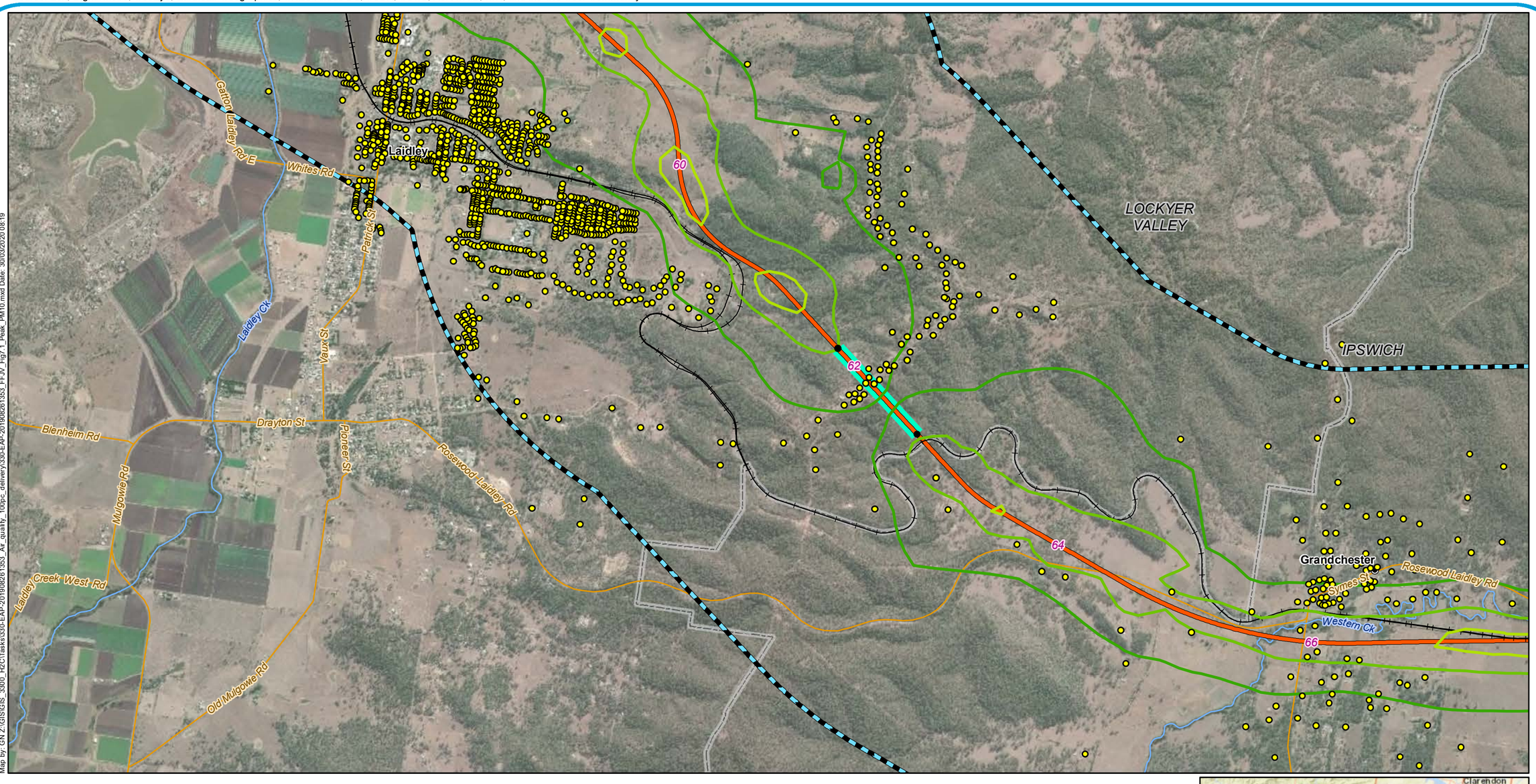
Figure 7.1d: Peak scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



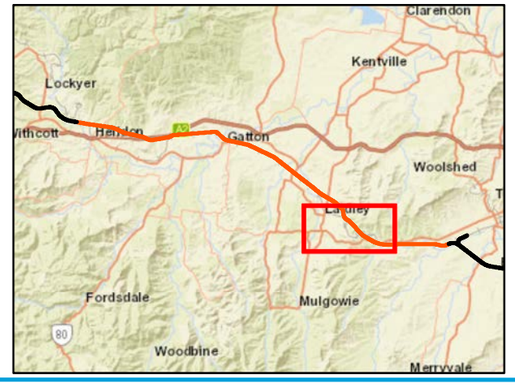
Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FF\V_Fig7.1_Peak_PM10.mxd Date: 30/03/2020 08:19

Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- Tunnel
- H2C project alignment
- Watercourses
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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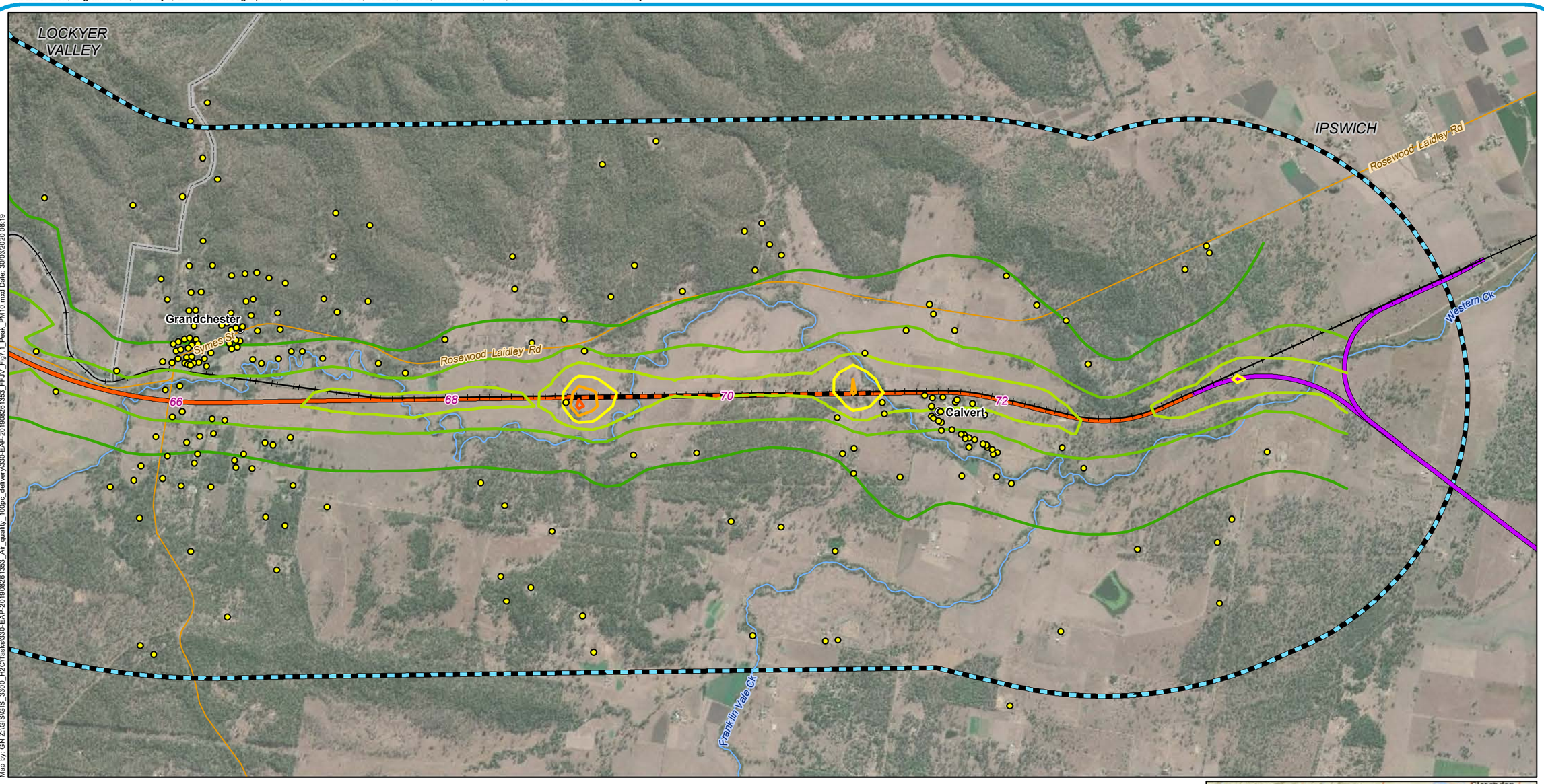
Figure 7.1e: Peak scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration



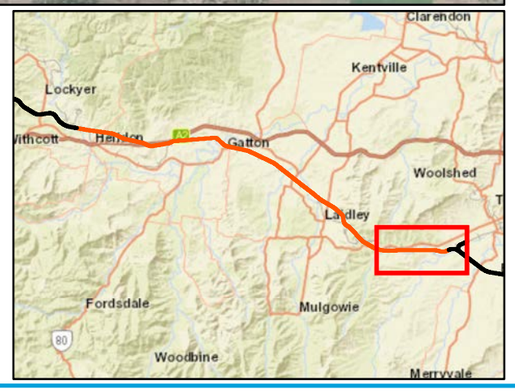
Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FF\JV_Fig7.1_Peak_PM10.mxd Date: 30/03/2020 08:19

Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- C2K project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 26
- 28
- 30
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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Coordinate System: GDA 1994 MGA Zone 56

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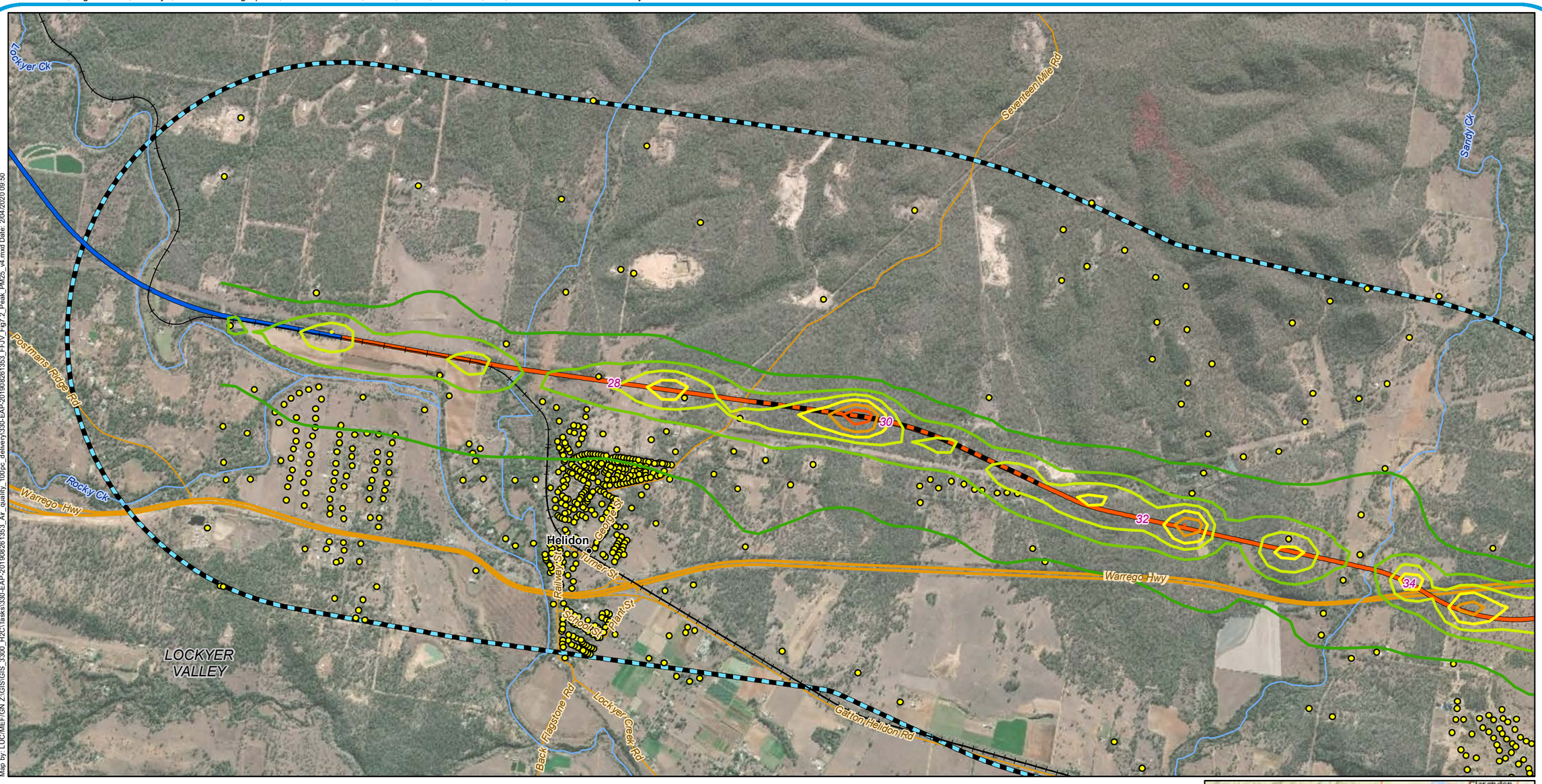
Figure 7.1f: Peak scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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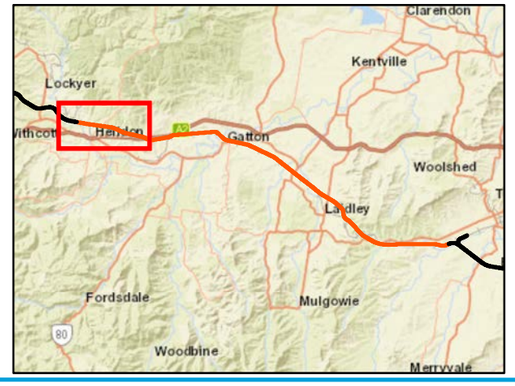
Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- G2H project alignment
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 6.8
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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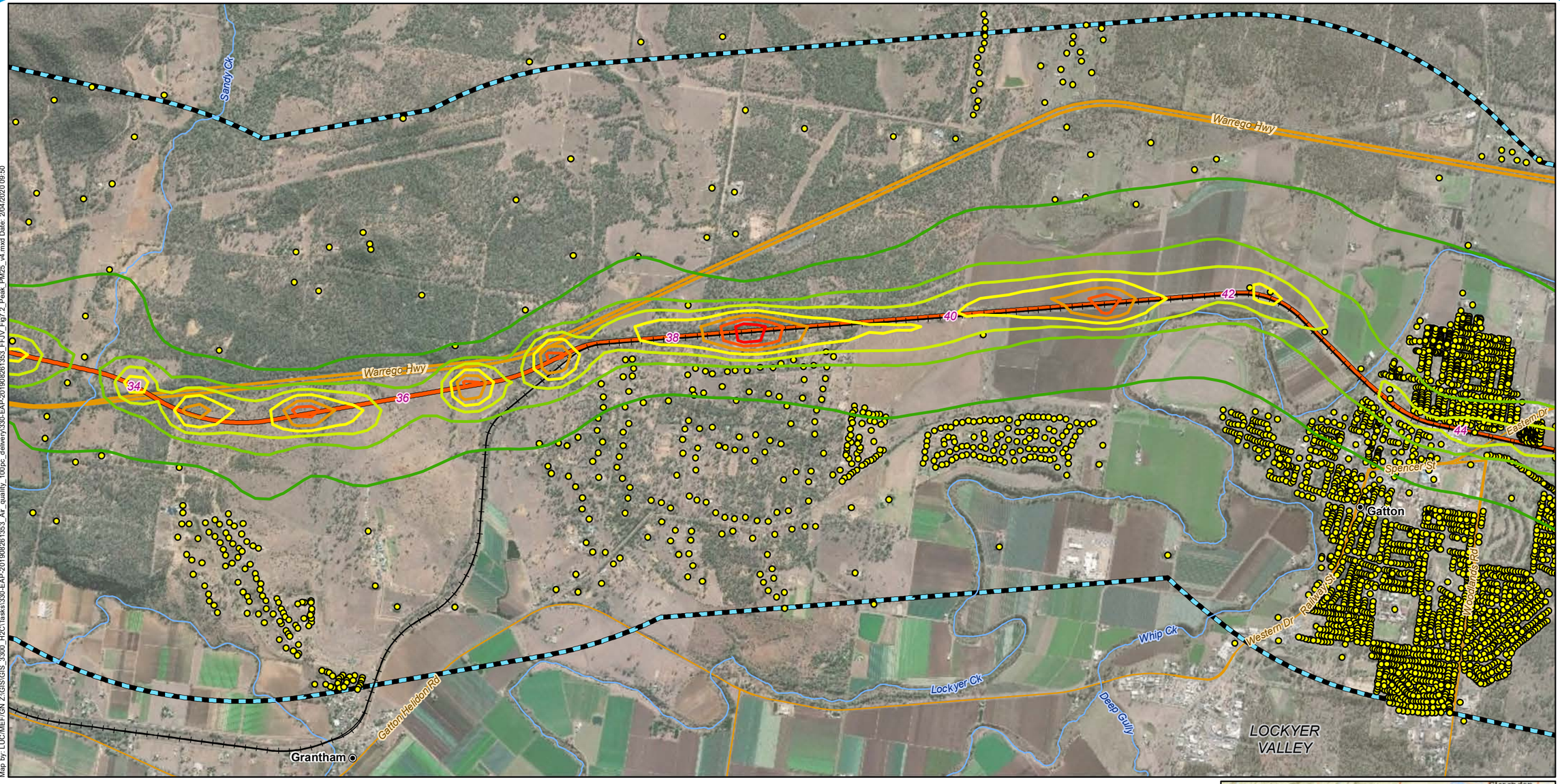
Figure 7.2a: Peak scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration



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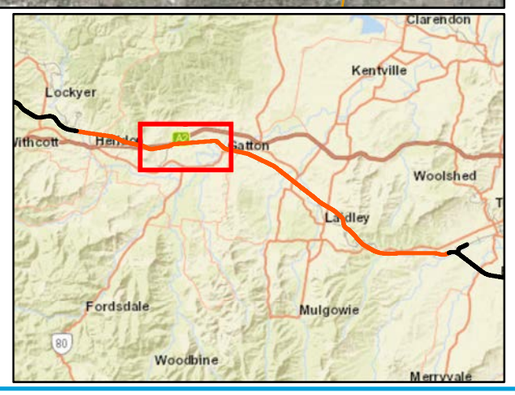
Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 6.8
- 7
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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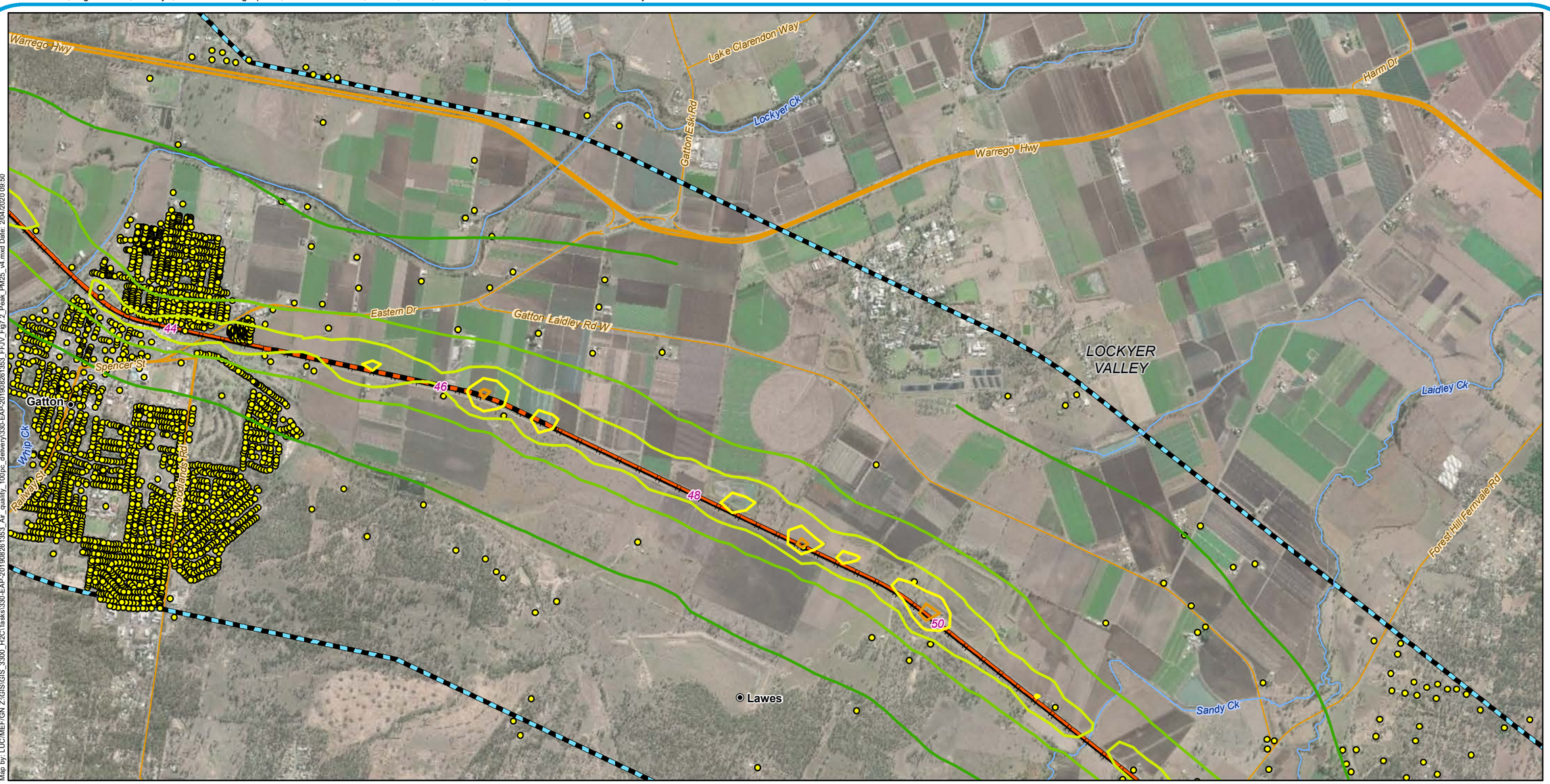
Figure 7.2b: Peak scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration



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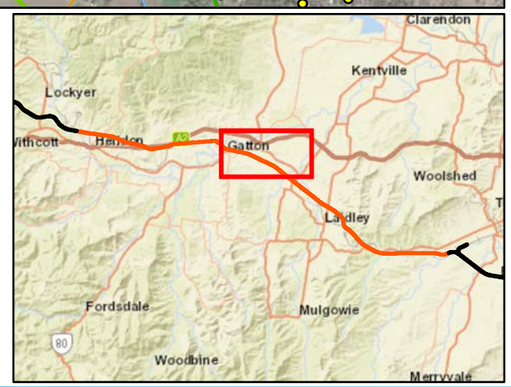
Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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Coordinate System: GDA 1994 MGA Zone 56

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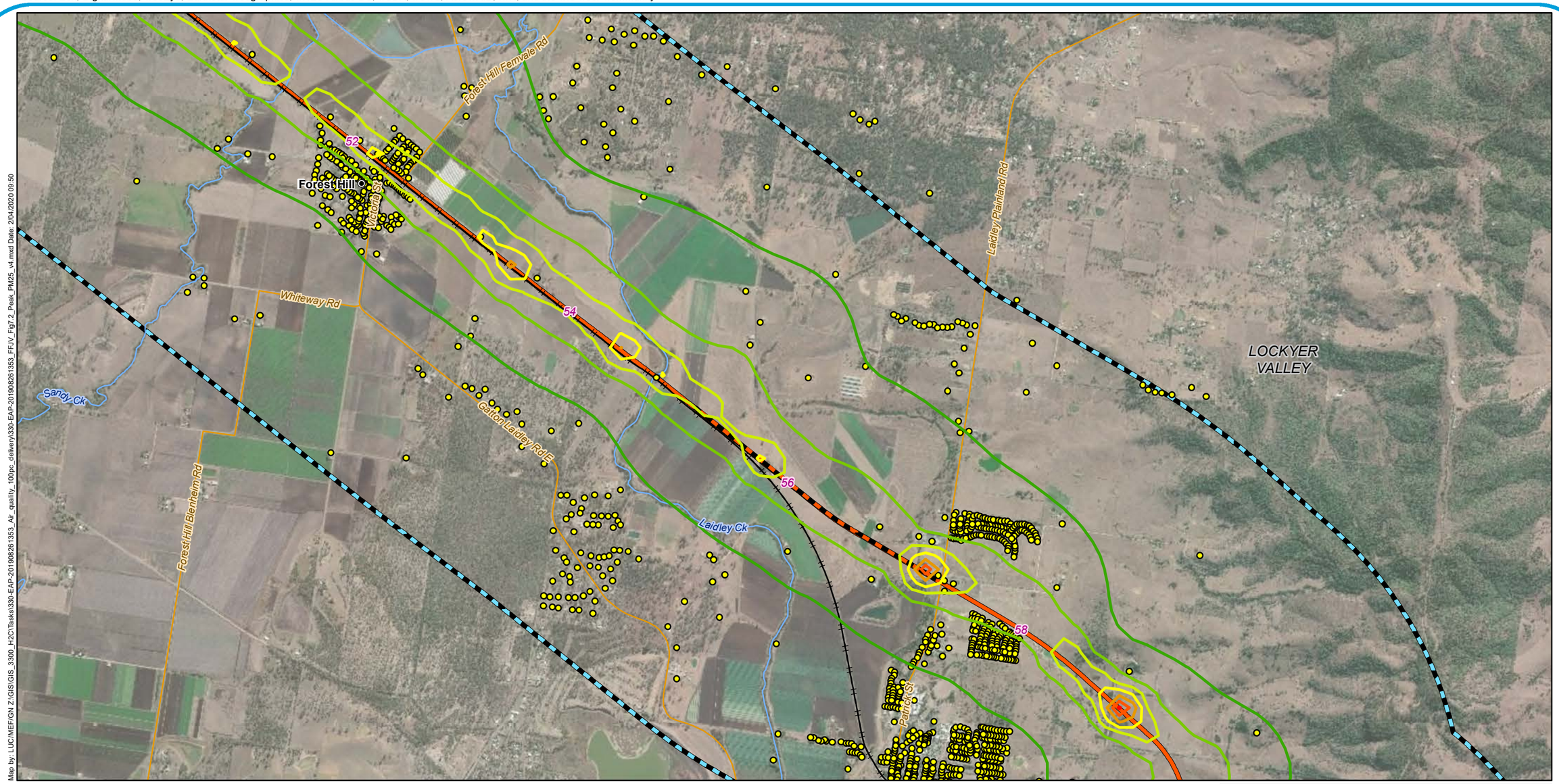
Figure 7.2c: Peak scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration



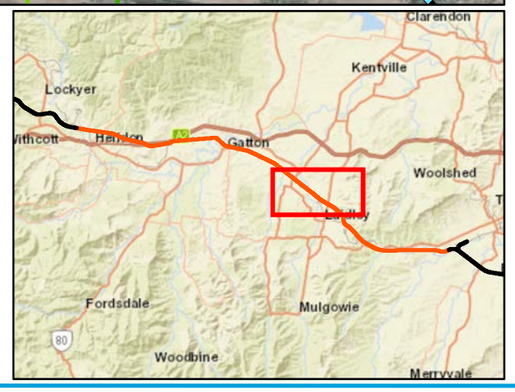
Map by: LUC/MEP/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_Air_quality_100pc_delivery\330-EAP-20190826\1353_FFJV_Fig7.2_Peak_PM25_v4.mxd Date: 2/04/2020 09:50

Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 6.8
- 7
- 8 µg/m³ Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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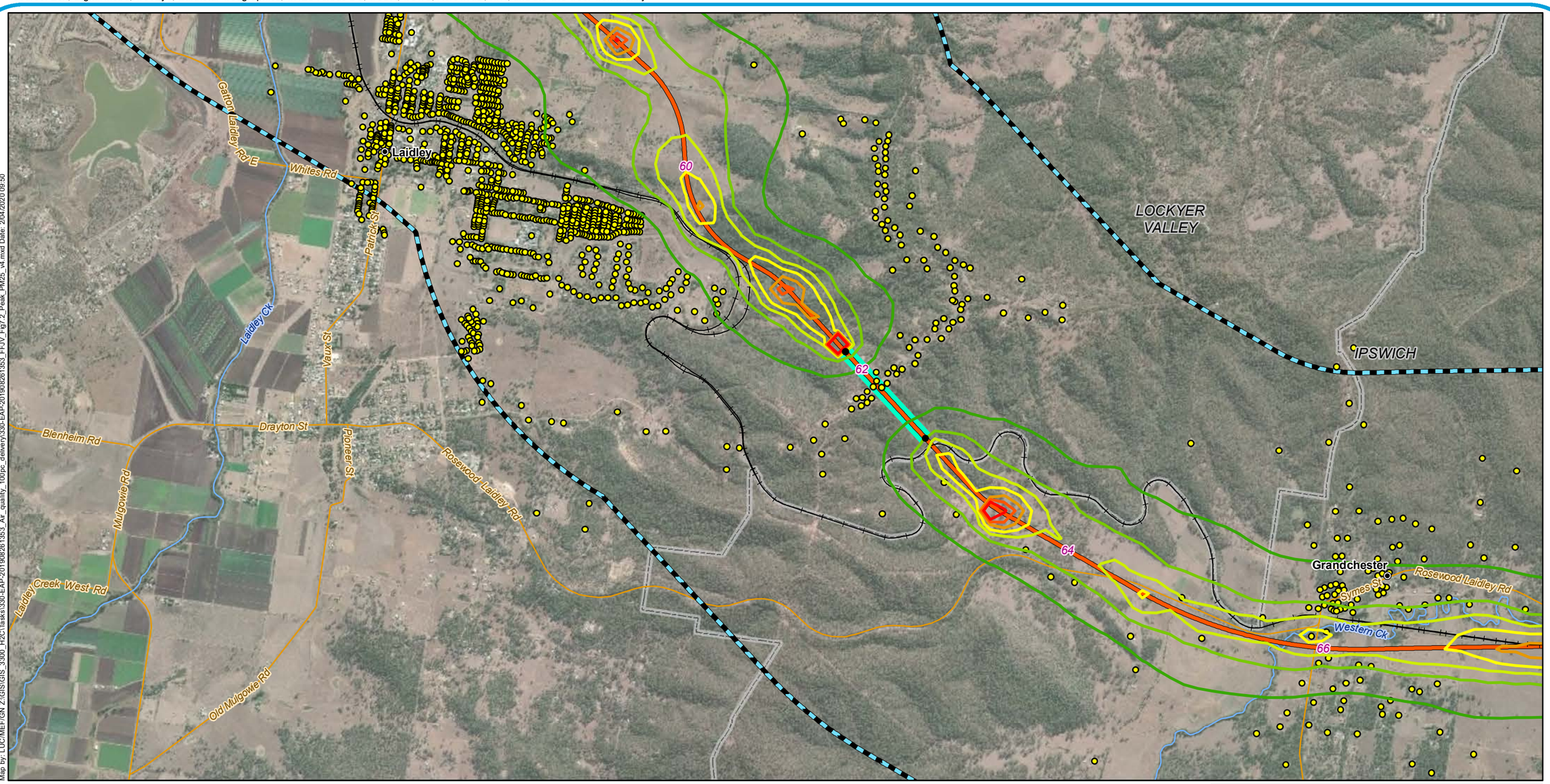
Figure 7.2d: Peak scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



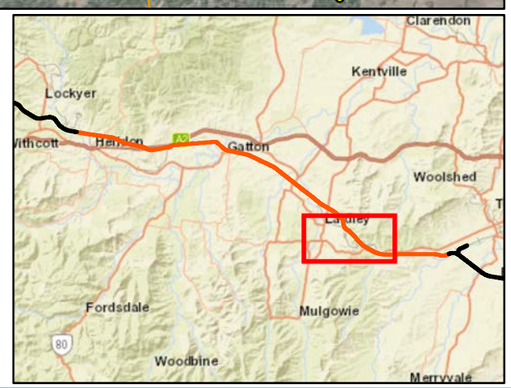
Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\3330-EAP-20190826135

Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- Tunnel
- H2C project alignment
- Watercourses
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 6.8
- 7
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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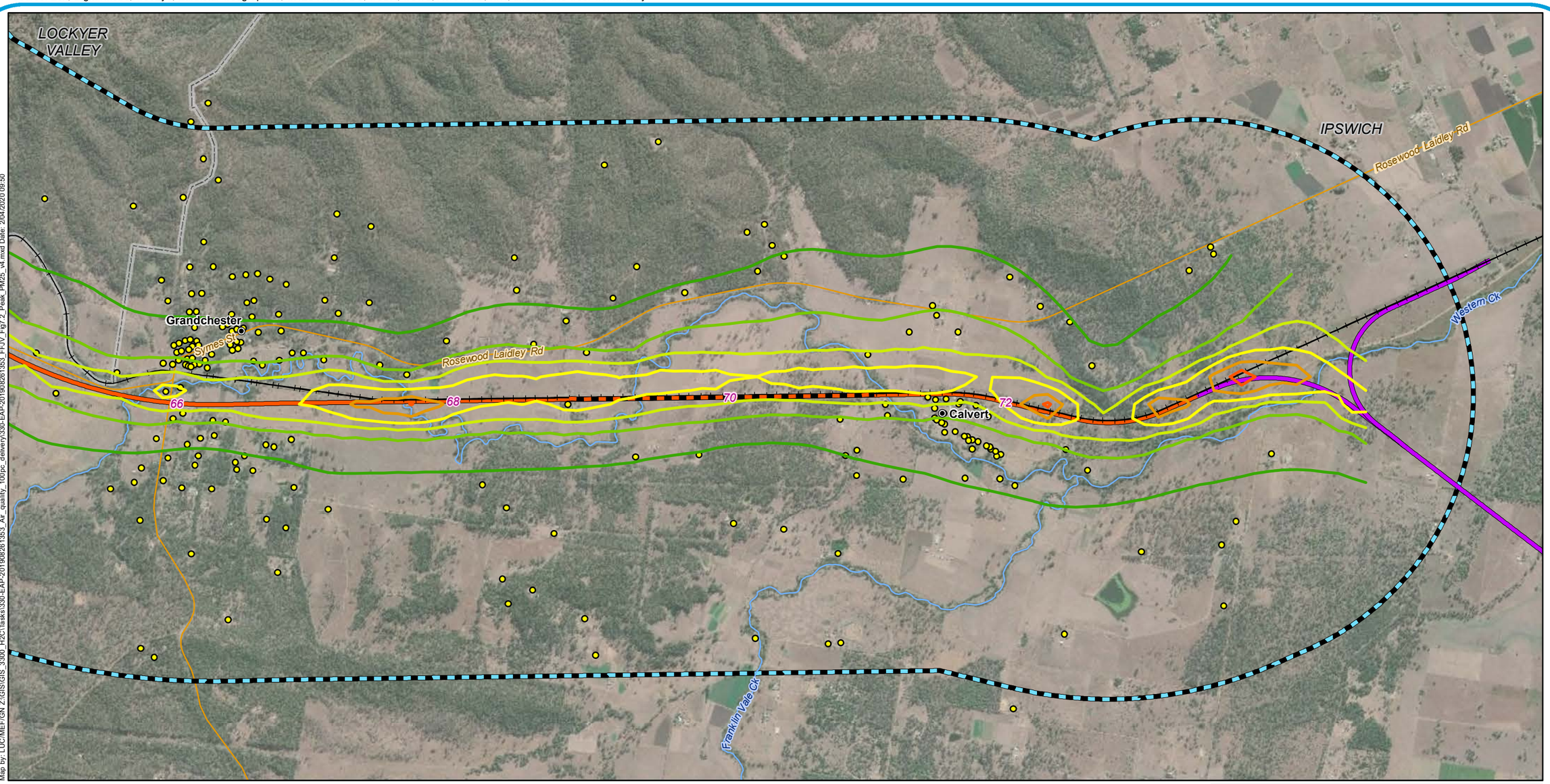
Figure 7.2e: Peak scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



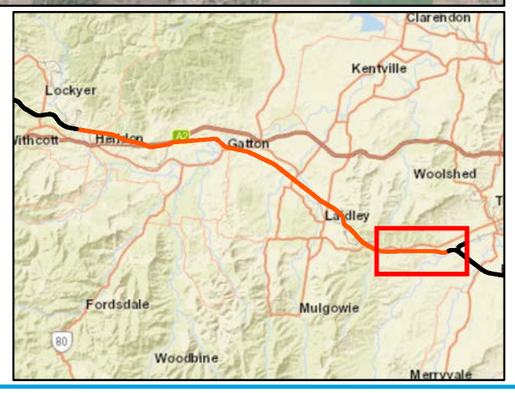
Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\3330-EAP-20190826\1353_Air_quality_100pc_delivery\330-EAP-20190826\1353_FFJV_Fig7.2_Peak_PM25_v4.mxd Date: 2/04/2020 09:50

Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- C2K project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 6.8
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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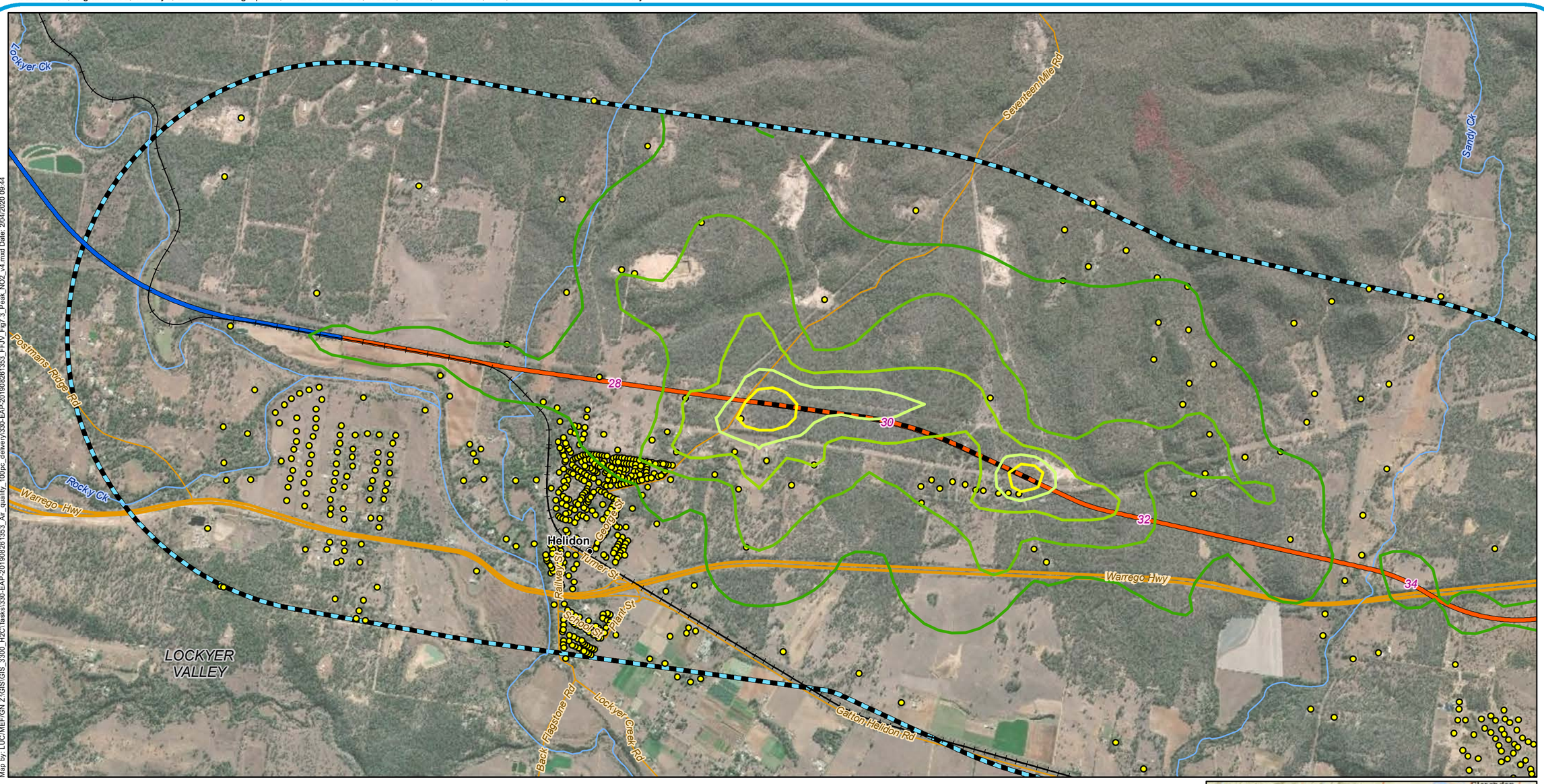
Figure 7.2f: Peak scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration



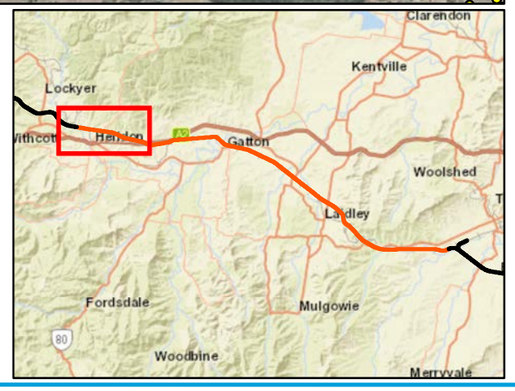
Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\353_Air_quality_100pc_delivery\330-EAP-20190826\353_FFJV_Fig7.3_Peak_NO2_v4.mxd Date: 2/04/2020 09:44

Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- G2H project alignment
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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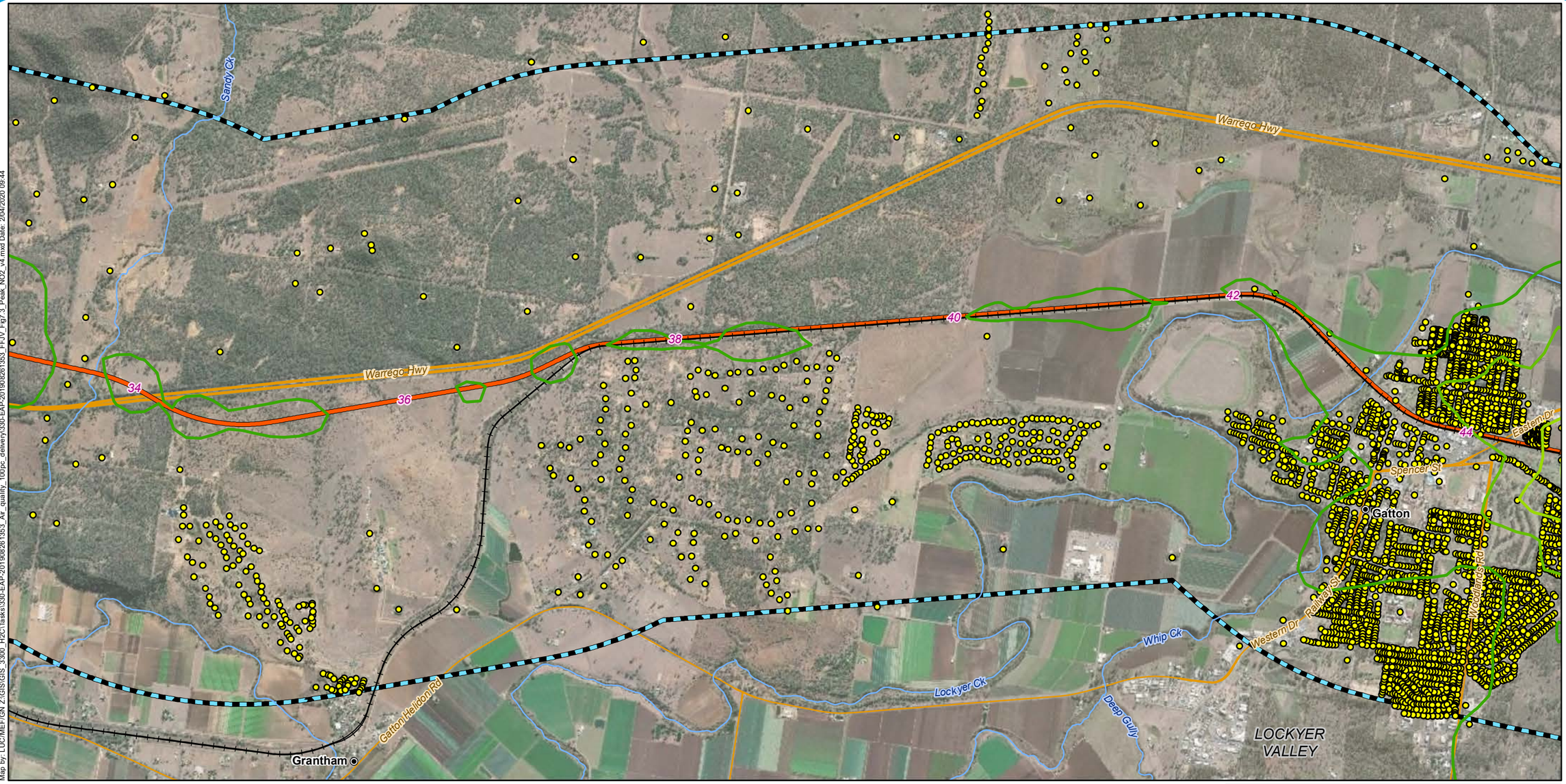
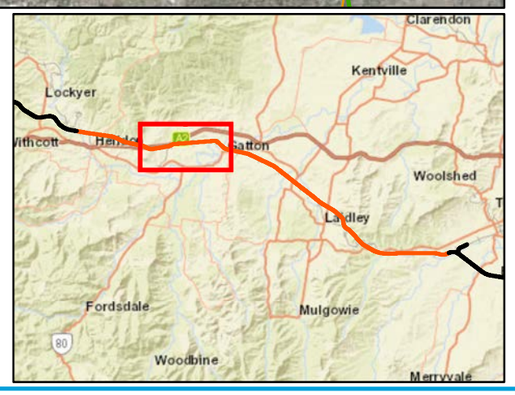
Figure 7.3a: Peak scenario predicted cumulative NO_2 maximum 1 hour average ground level concentrations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion

A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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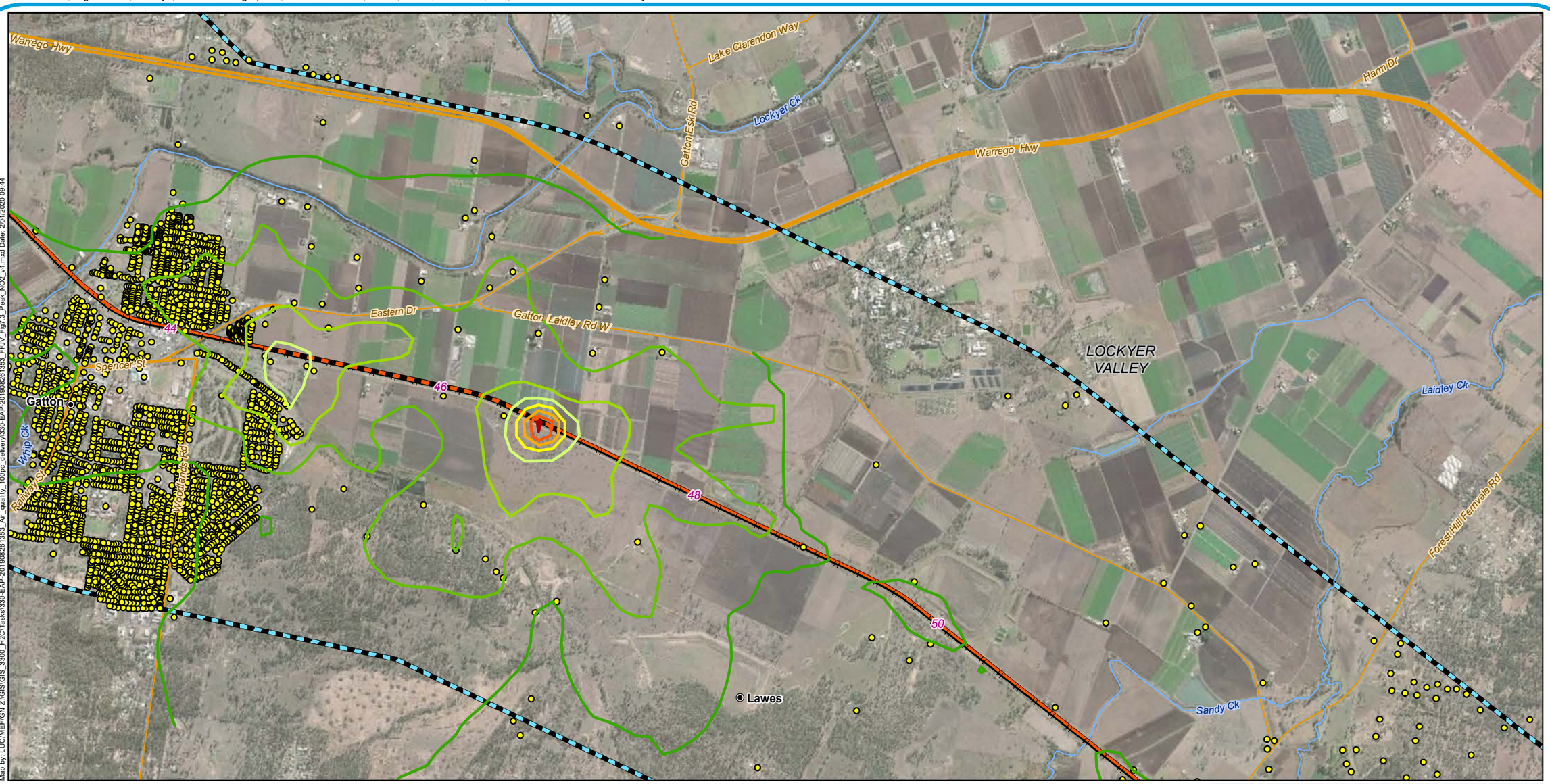
Figure 7.3b: Peak scenario predicted cumulative NO_2 maximum 1 hour average ground level concentrations



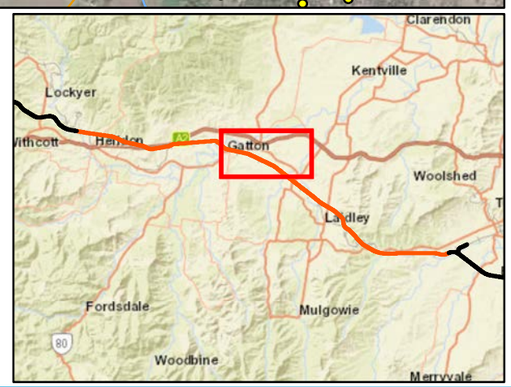
Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\353_Air_quality_100pc_delivery\330-EAP-20190826\353_FFJV_Fig7.3_Peak_NO2_v4.mxd Date: 2/04/2020 09:44

Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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Figure 7.3c: Peak scenario predicted cumulative NO_2 maximum 1 hour average ground level concentrations

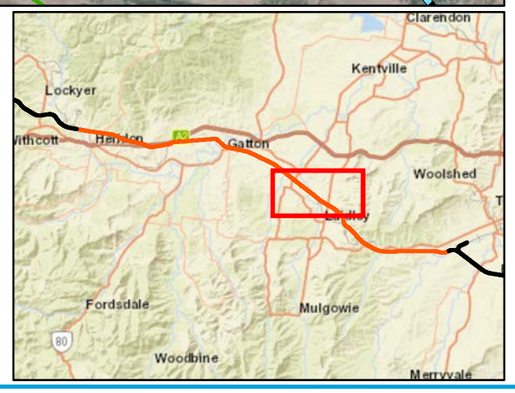
Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_Air_quality_100pc_delivery\330-EAP-20190826\1353_FFJV_Fig7.3_Peak_NO2_v4.mxd Date: 2/04/2020 09:44

Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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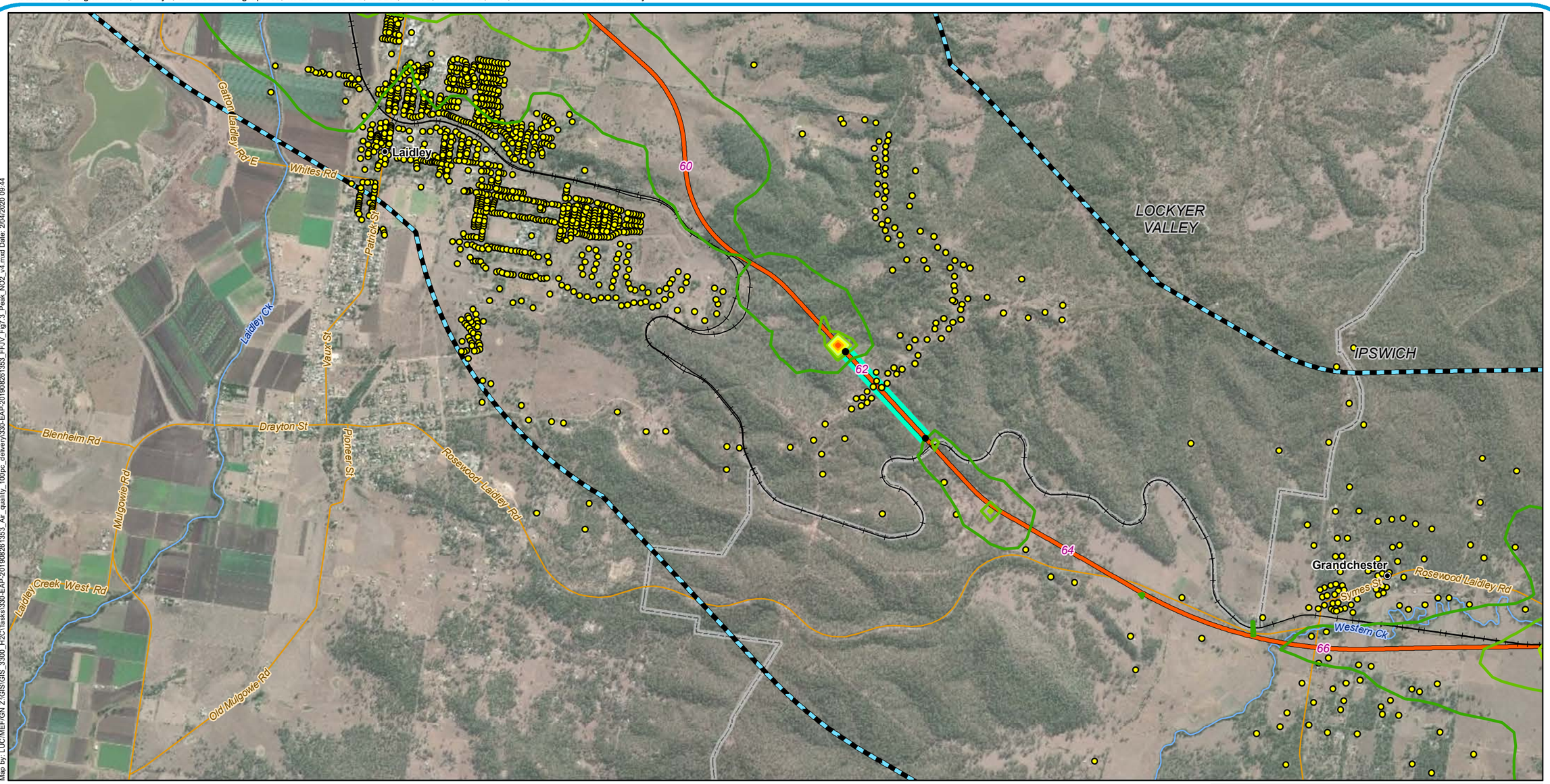
Figure 7.3d: Peak scenario predicted cumulative NO_2 maximum 1 hour average ground level concentrations

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



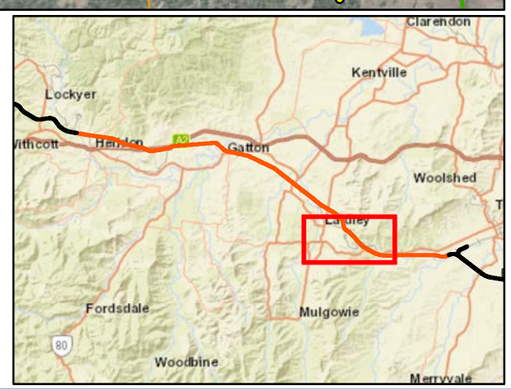
Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FFJV_Fig7.3_Peak_NO2_v4.mxd Date: 2/04/2020 09:44

Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- Tunnel
- H2C project alignment
- Watercourses
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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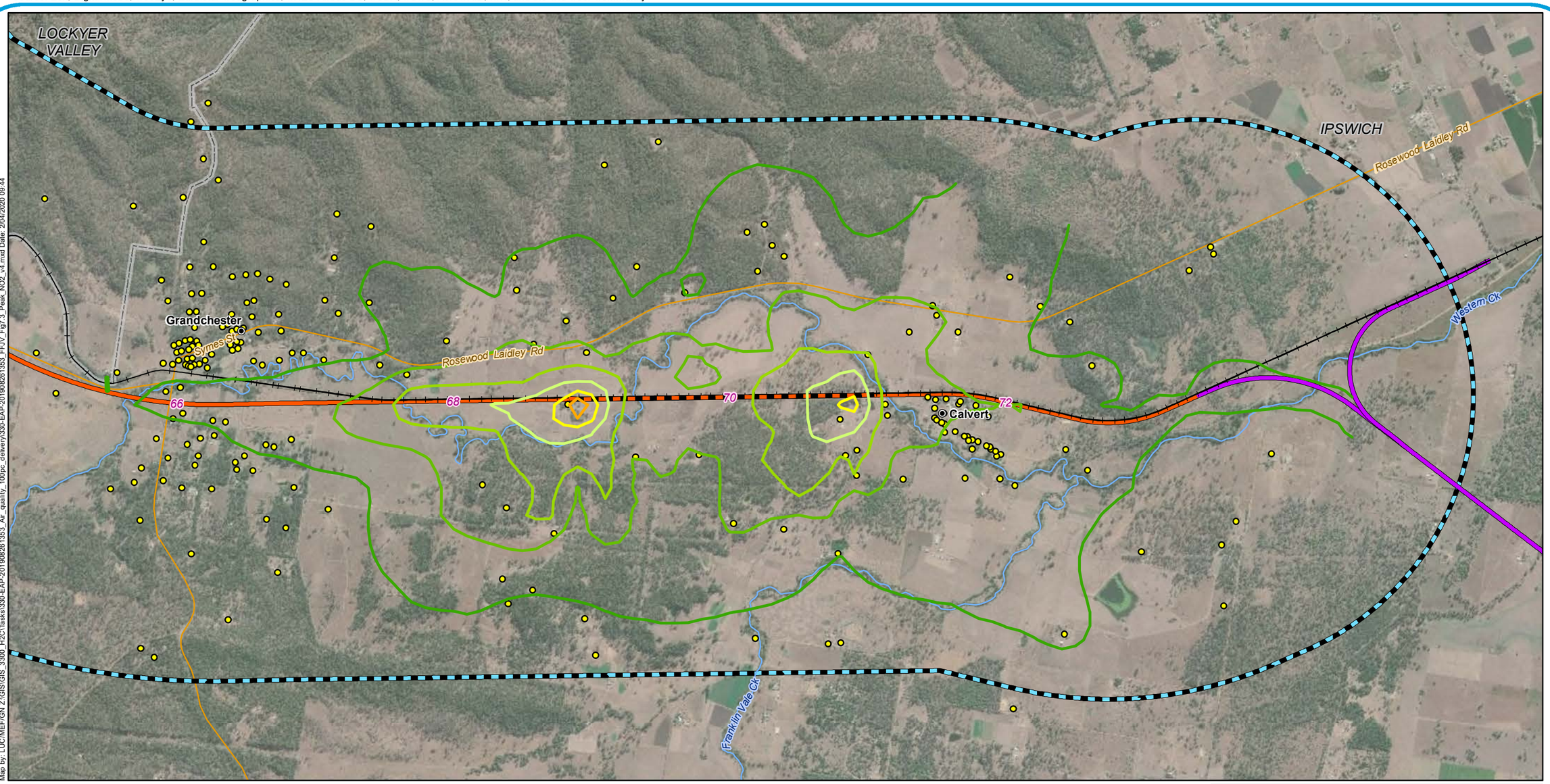
Figure 7.3e: Peak scenario predicted cumulative NO_2 maximum 1 hour average ground level concentrations



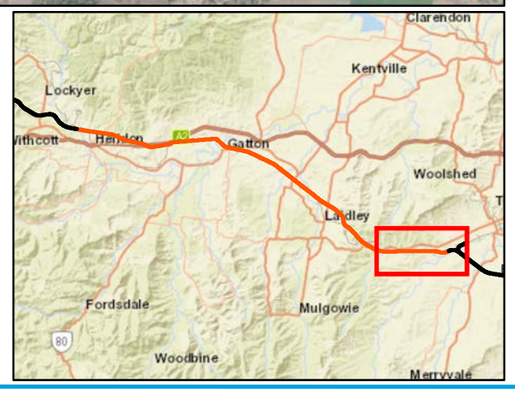
Map by: LUC/MEF/GN Z:\GIS\GIS_3300_H2C\Tasks\3300-EAP-20190826\1353_Air_quality_100pc_delivery\3300-EAP-20190826\1353_FFJV_Fig7.3_Peak_NO2_v4.mxd Date: 2/04/2020 09:44

Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- C2K project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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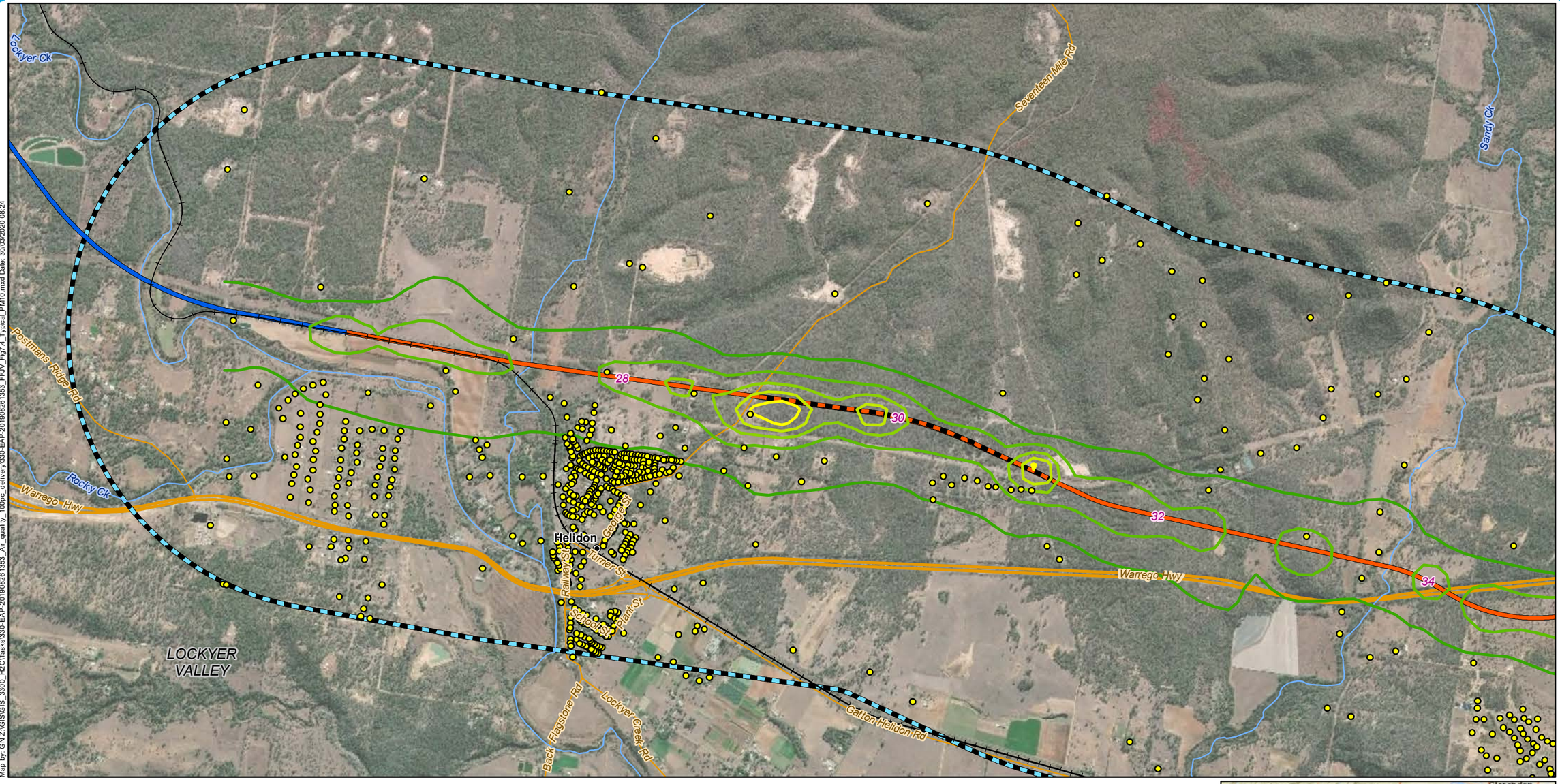
Figure 7.3f: Peak scenario predicted cumulative NO_2 maximum 1 hour average ground level concentrations



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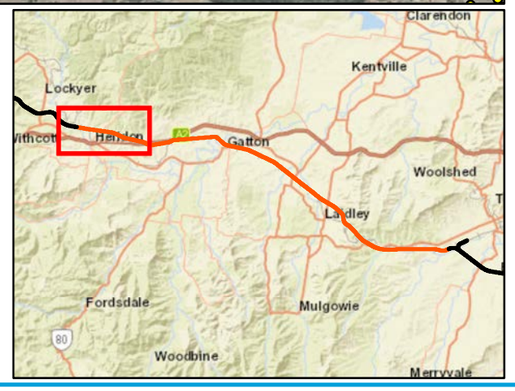
Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- G2H project alignment
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 26
- 28
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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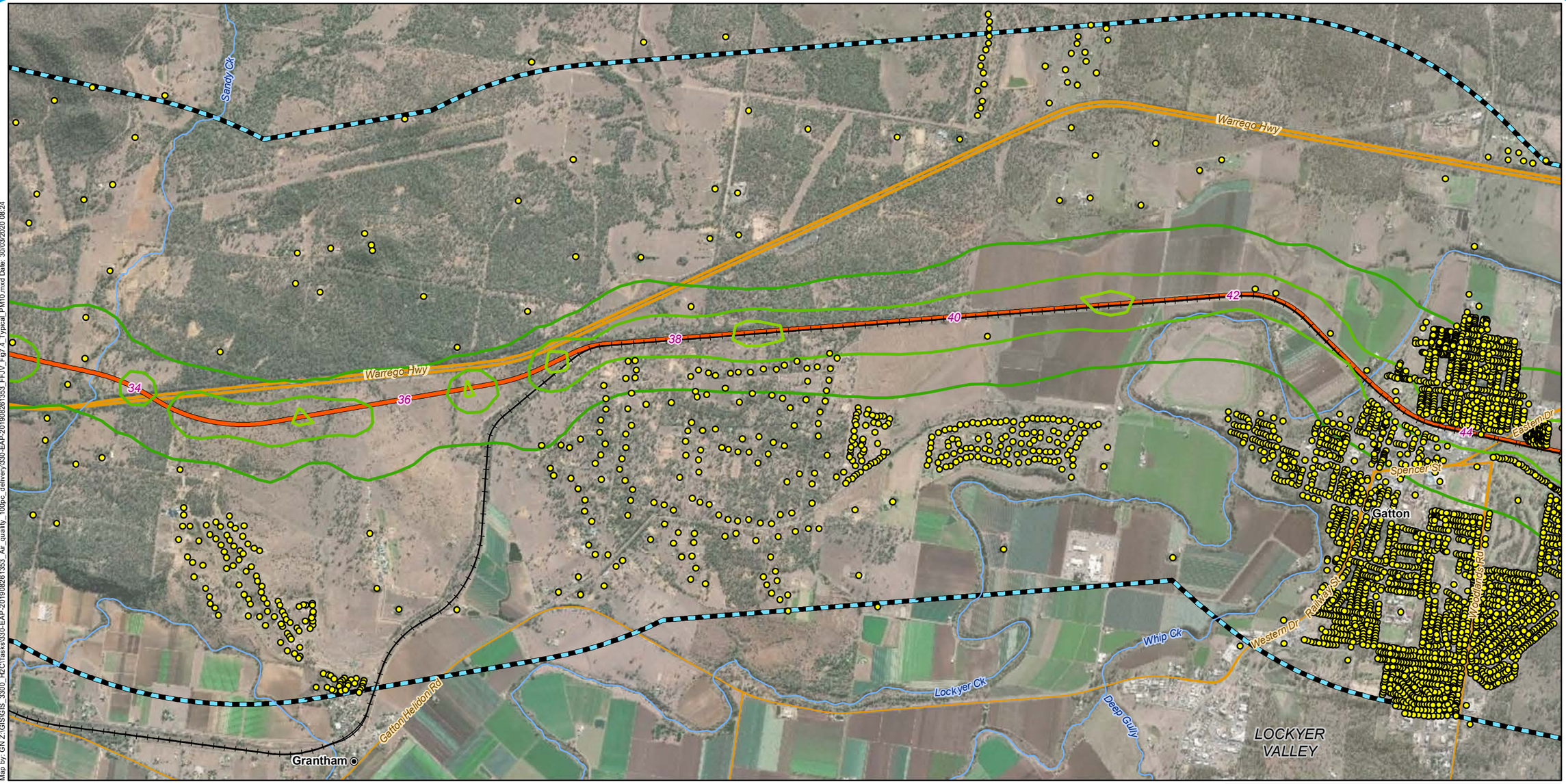
Figure 7.4a: Typical scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

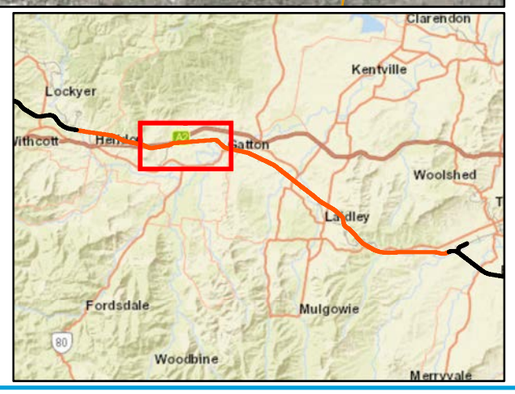


Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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Figure 7.4b: Typical scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FFJV_Fig7.4_Typical_PM10.mxd Date: 30/03/2020 08:24

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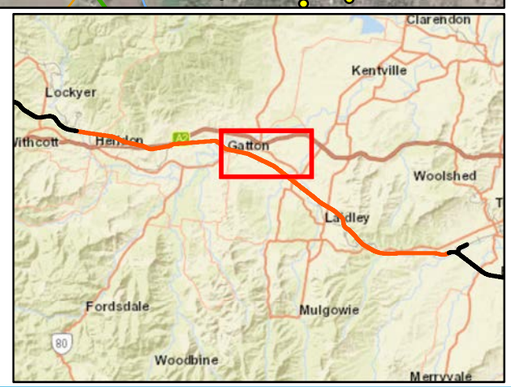
Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 26
- 28
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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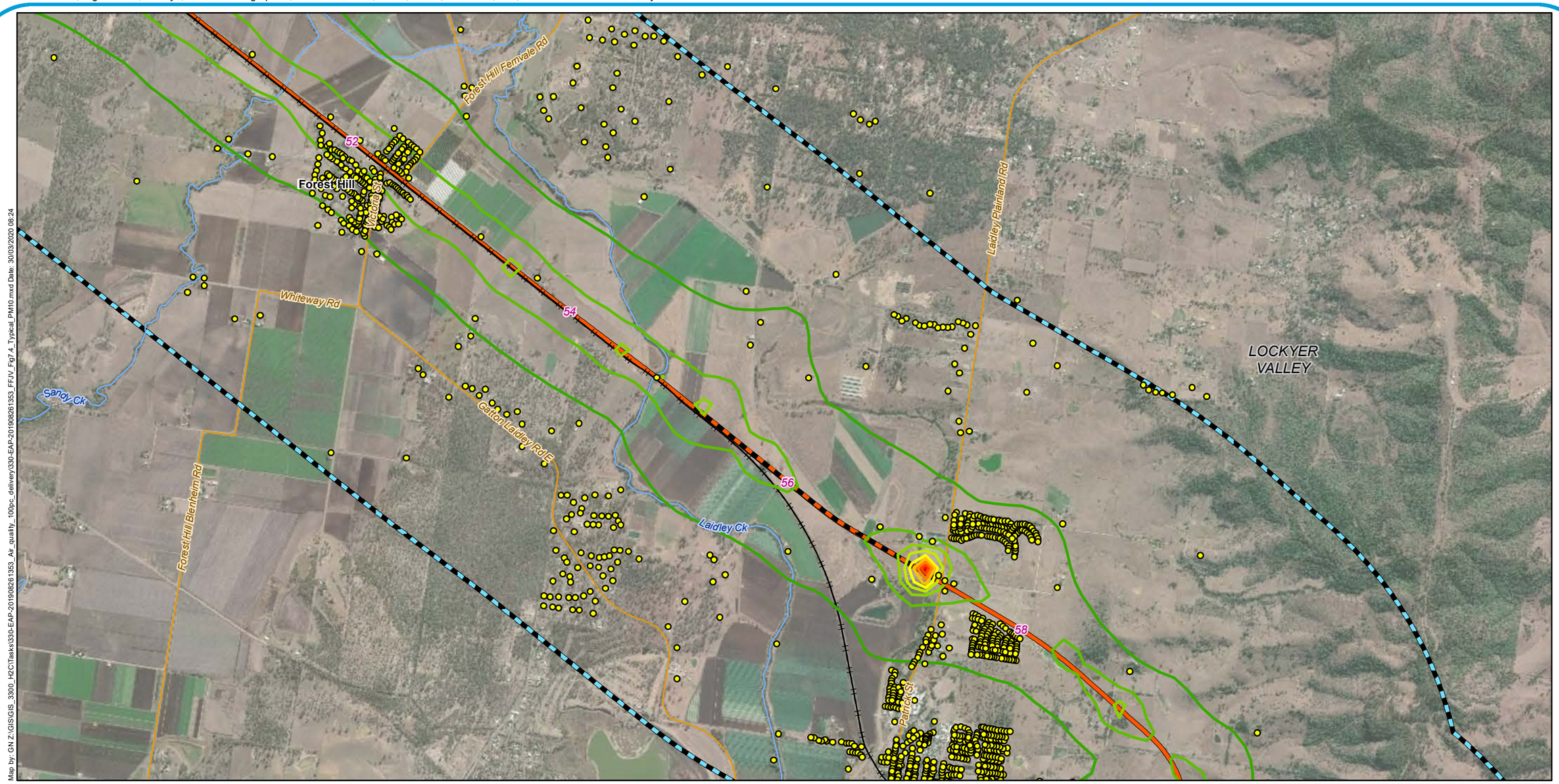
Figure 7.4c: Typical scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration



Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FFJV_Fig7.4_Typical_PM10.mxd Date: 30/03/2020 08:24

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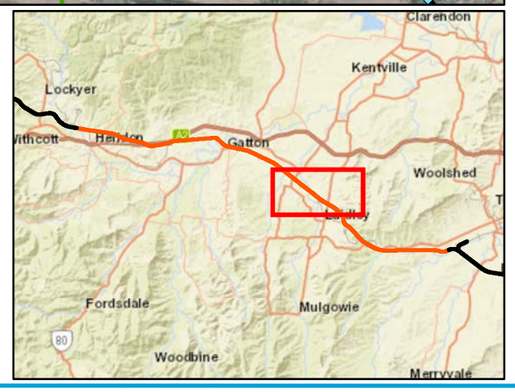
Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 26
- 28
- 30
- 32
- 34
- 36
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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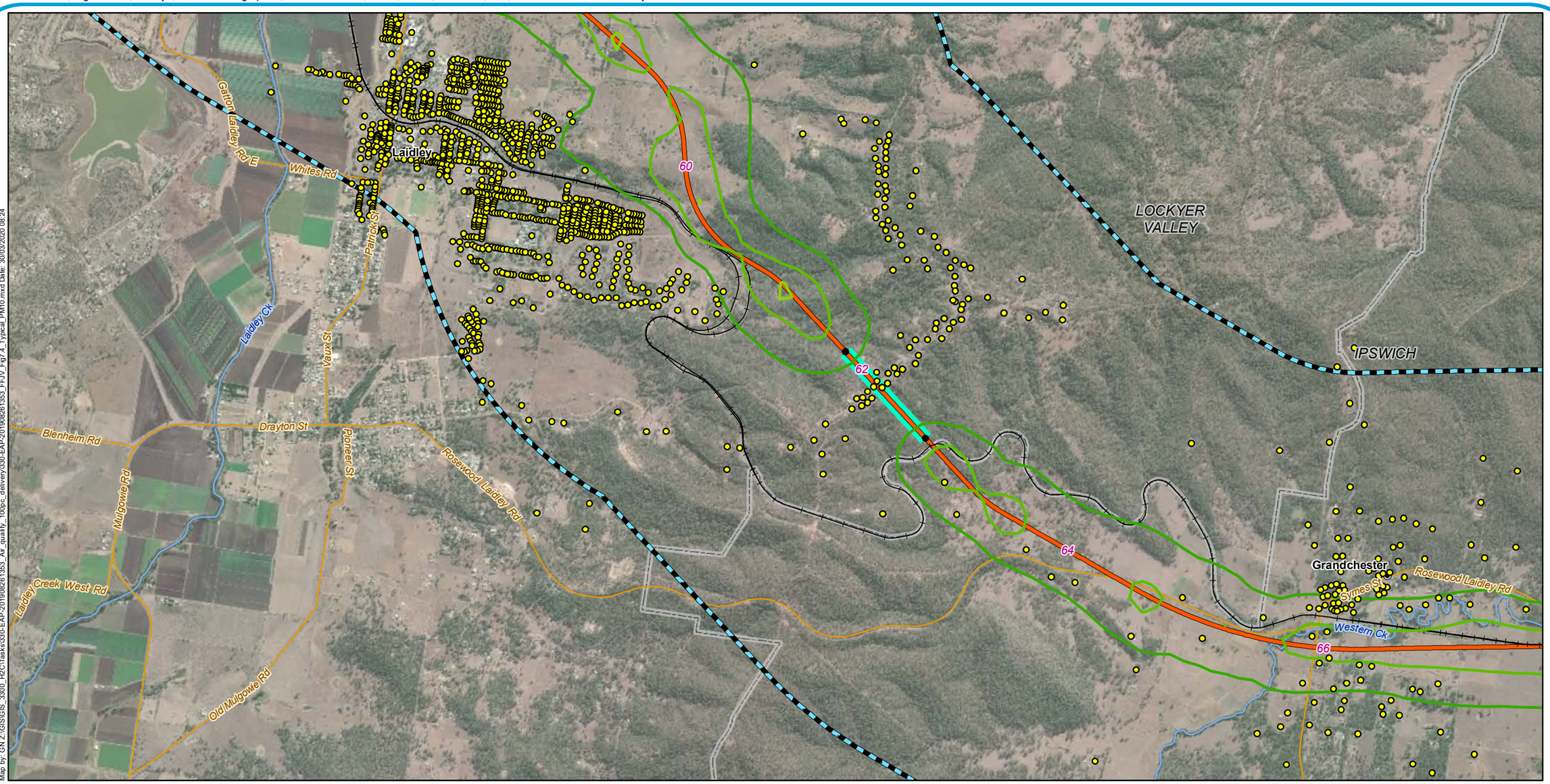
Figure 7.4d: Typical scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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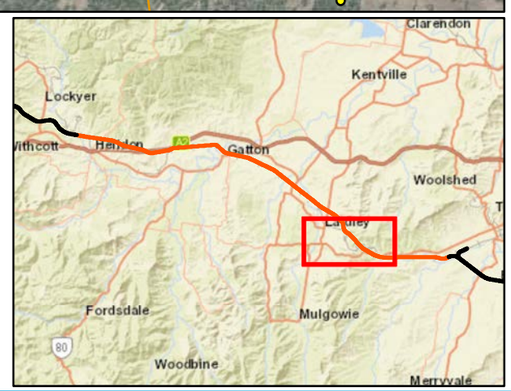
Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- Tunnel
- H2C project alignment
- Watercourses
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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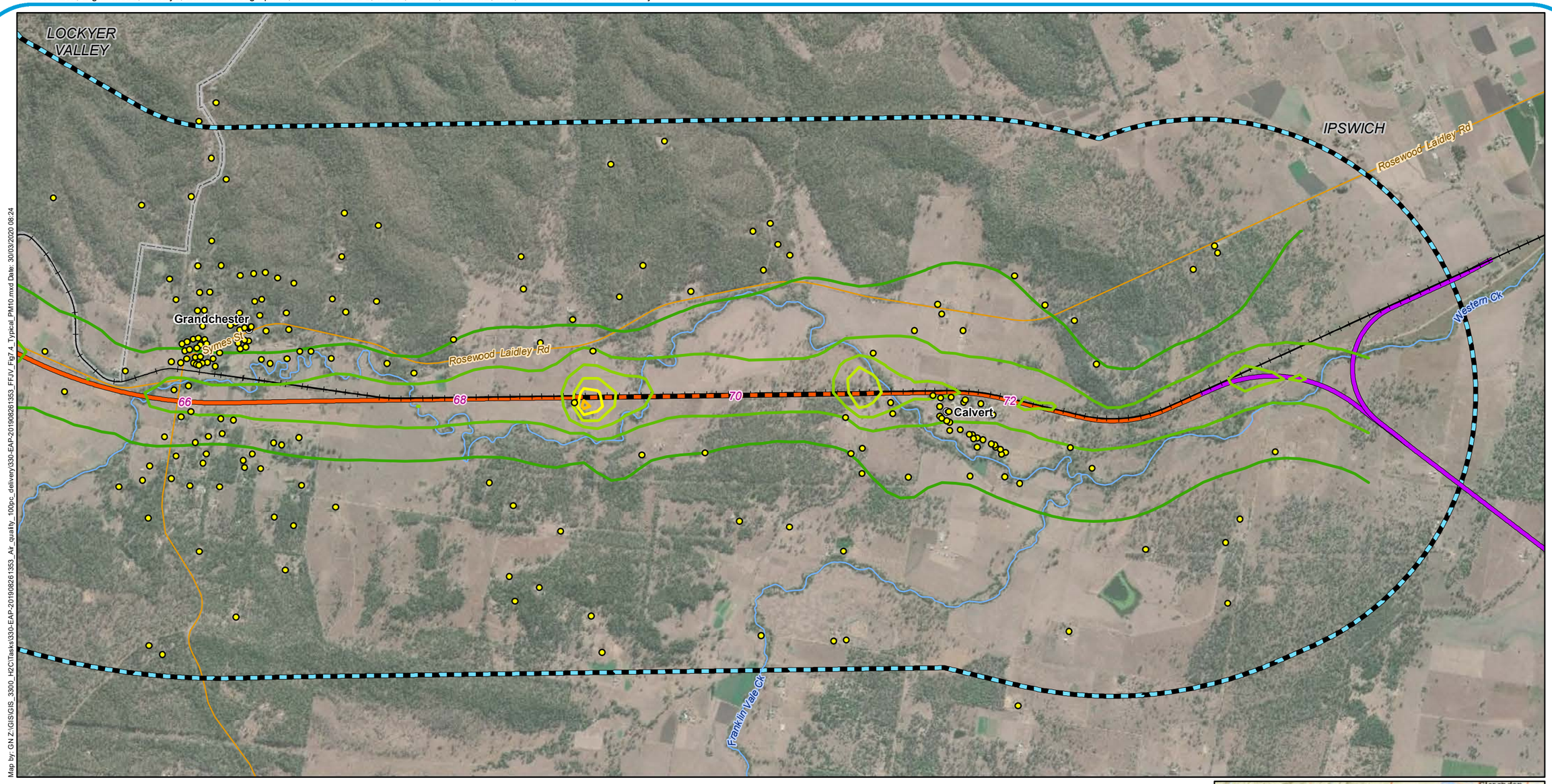
Figure 7.4e: Typical scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FFJV_Fig7.4_Typical_PM10.mxd Date: 30/03/2020 08:24

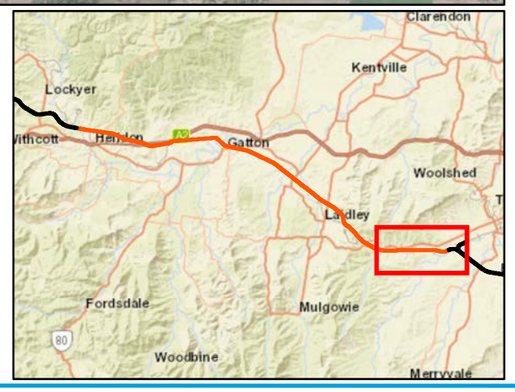
Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_Air_quality_100pc_delivery\330-EAP-20190826\1353_FFJV_Fig7.4_Typical_PM10.mxd Date: 30/03/2020 08:24

Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- C2K project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative PM_{10} maximum 24 hour average ground level concentrations

- 20
- 22
- 24
- 26
- 28
- 30
- 50 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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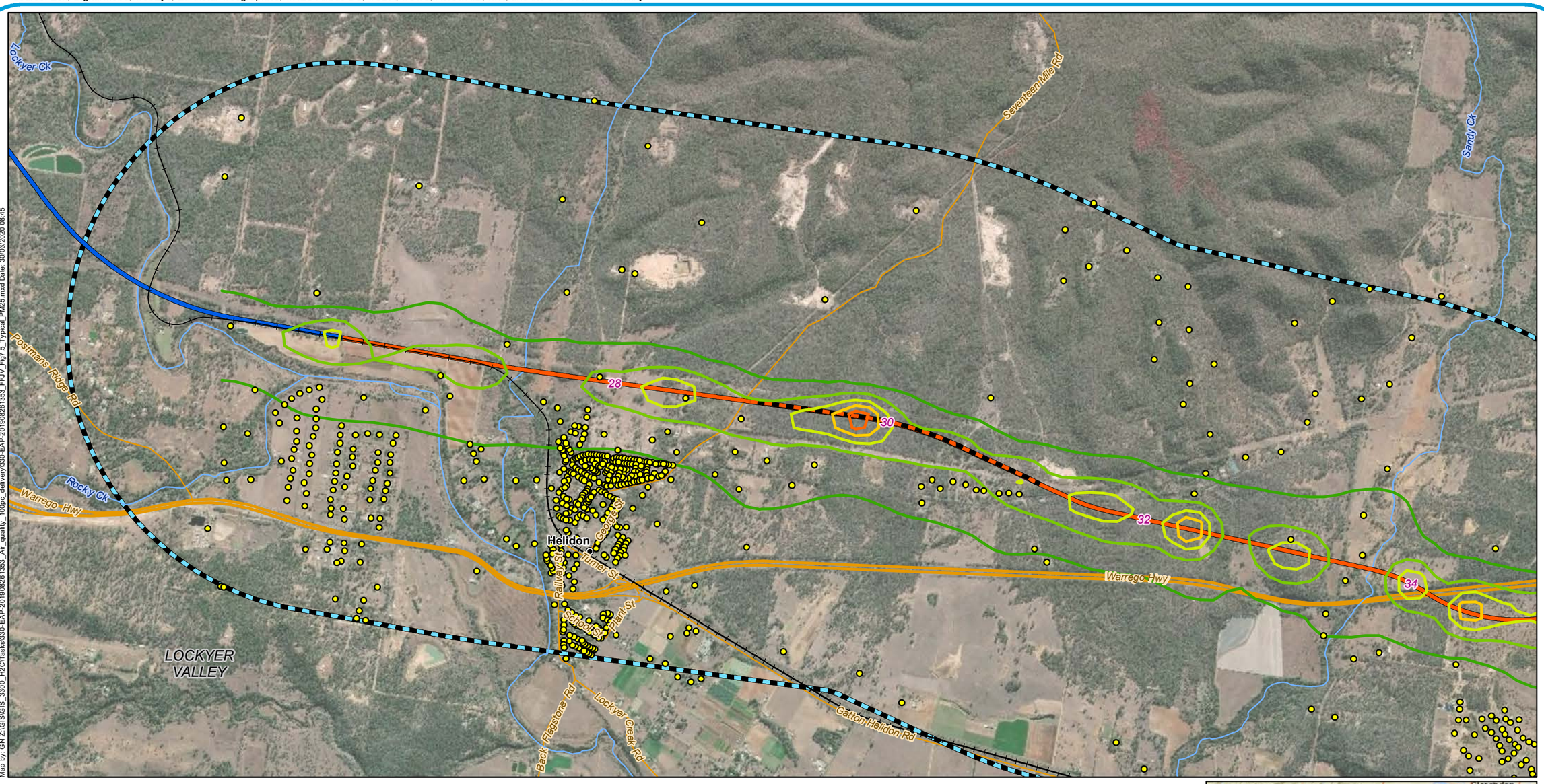
Figure 7.4f: Typical scenario predicted cumulative PM_{10} maximum 24 hour average ground level concentration



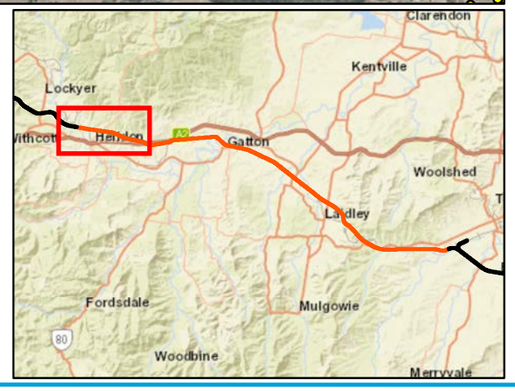
Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_Air_quality_100pc_delivery\330-EAP-20190826\1353_FFJV_Fig7.5_Typical_PM25.mxd Date: 30/03/2020 08:45

Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- G2H project alignment
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 8 µg/m³ Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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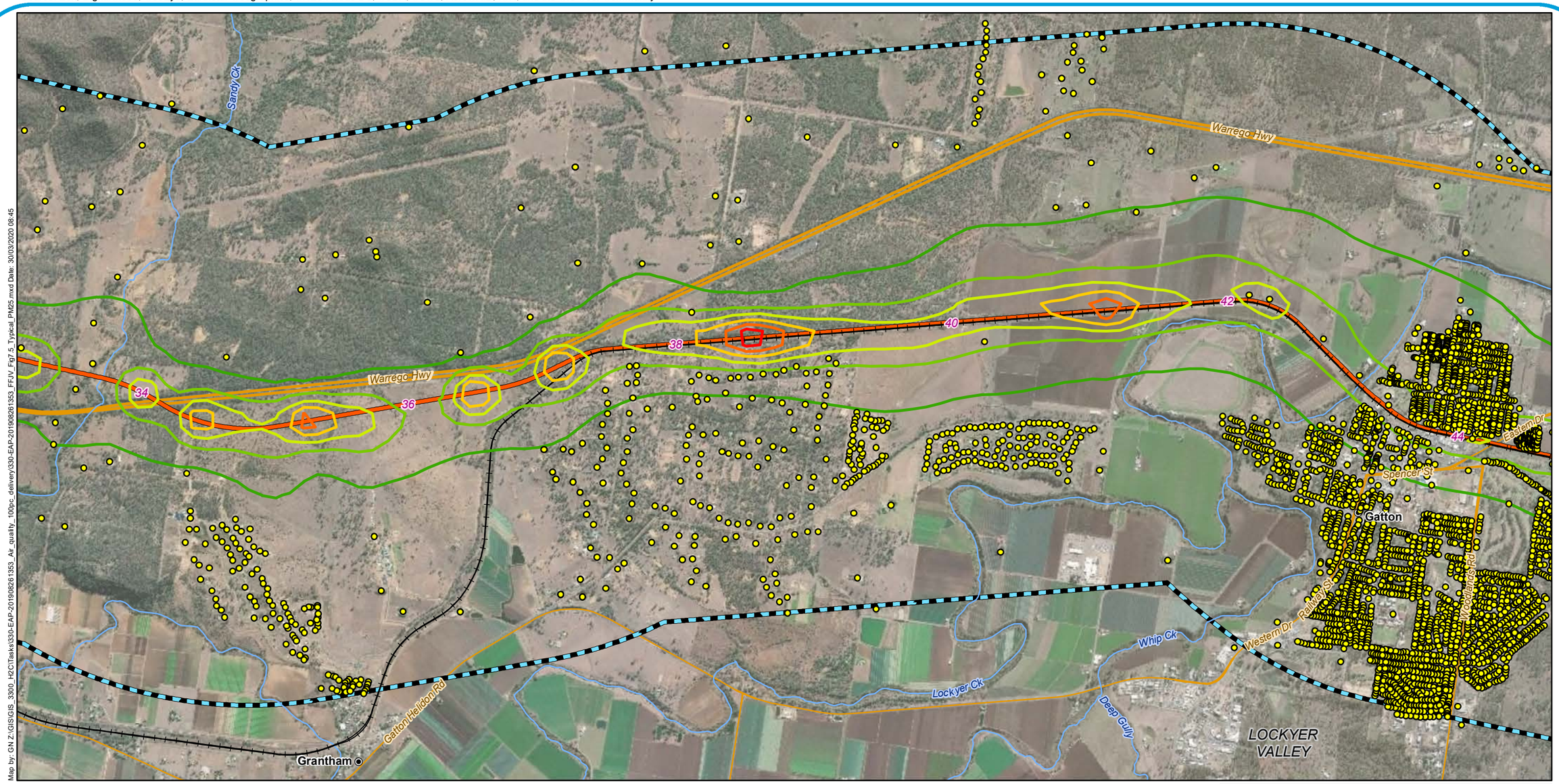
Figure 7.5a: Typical scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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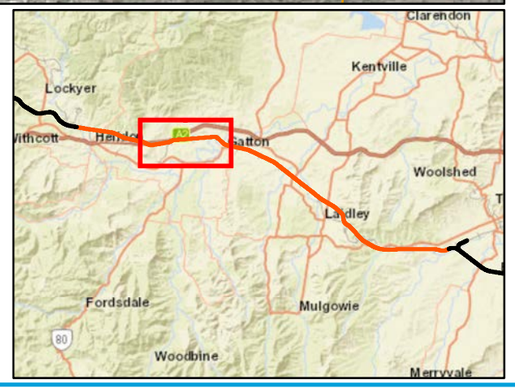
Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 6.8
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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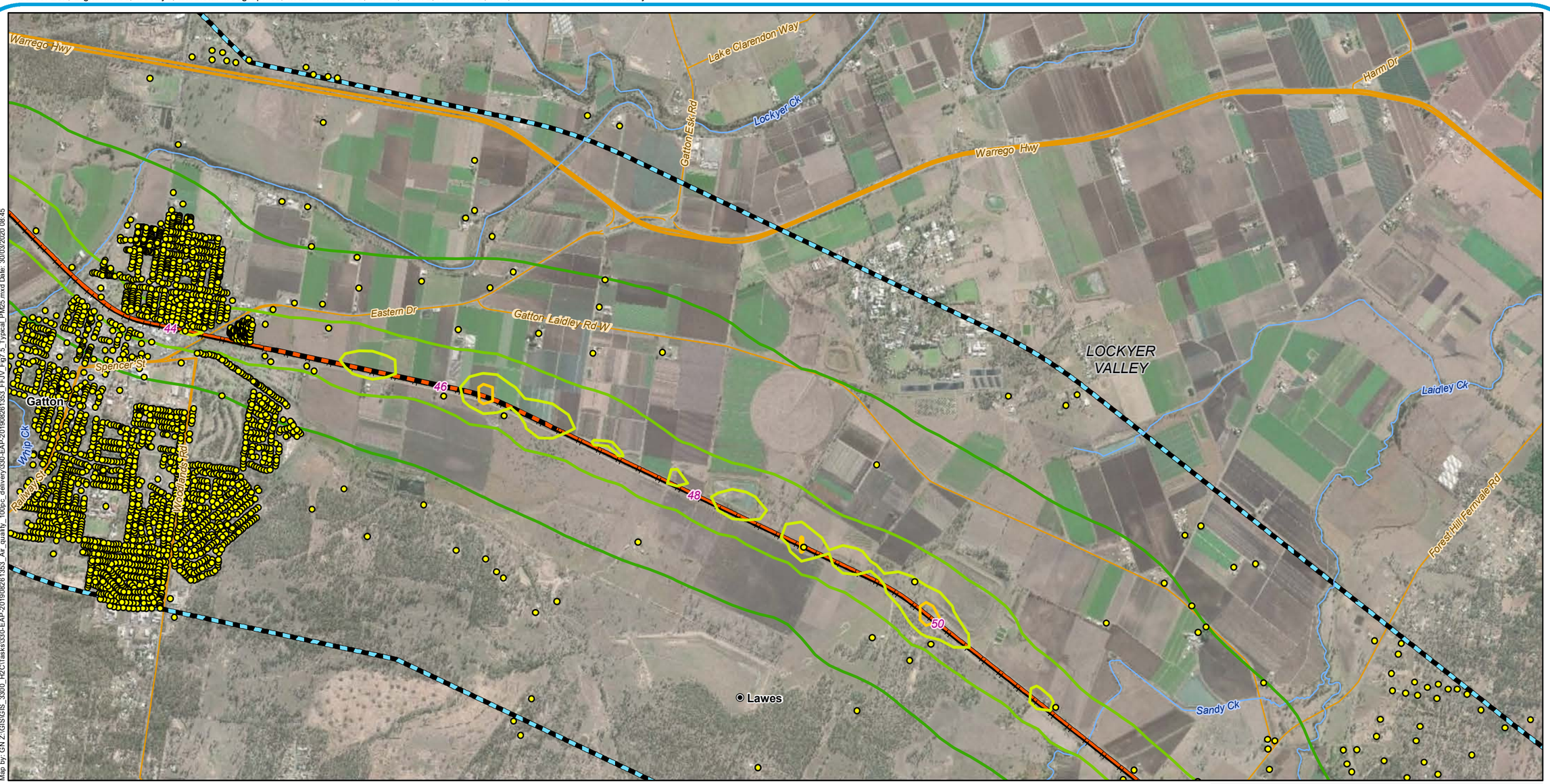
Figure 7.5b: Typical scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration

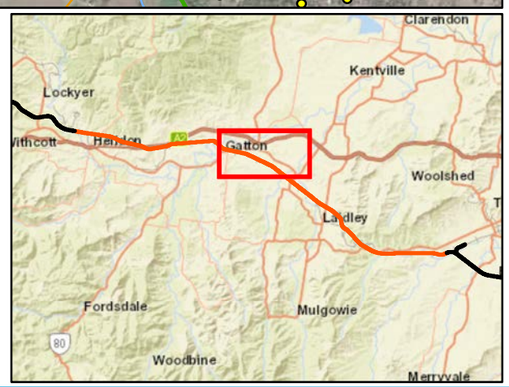


Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 8 µg/m³ Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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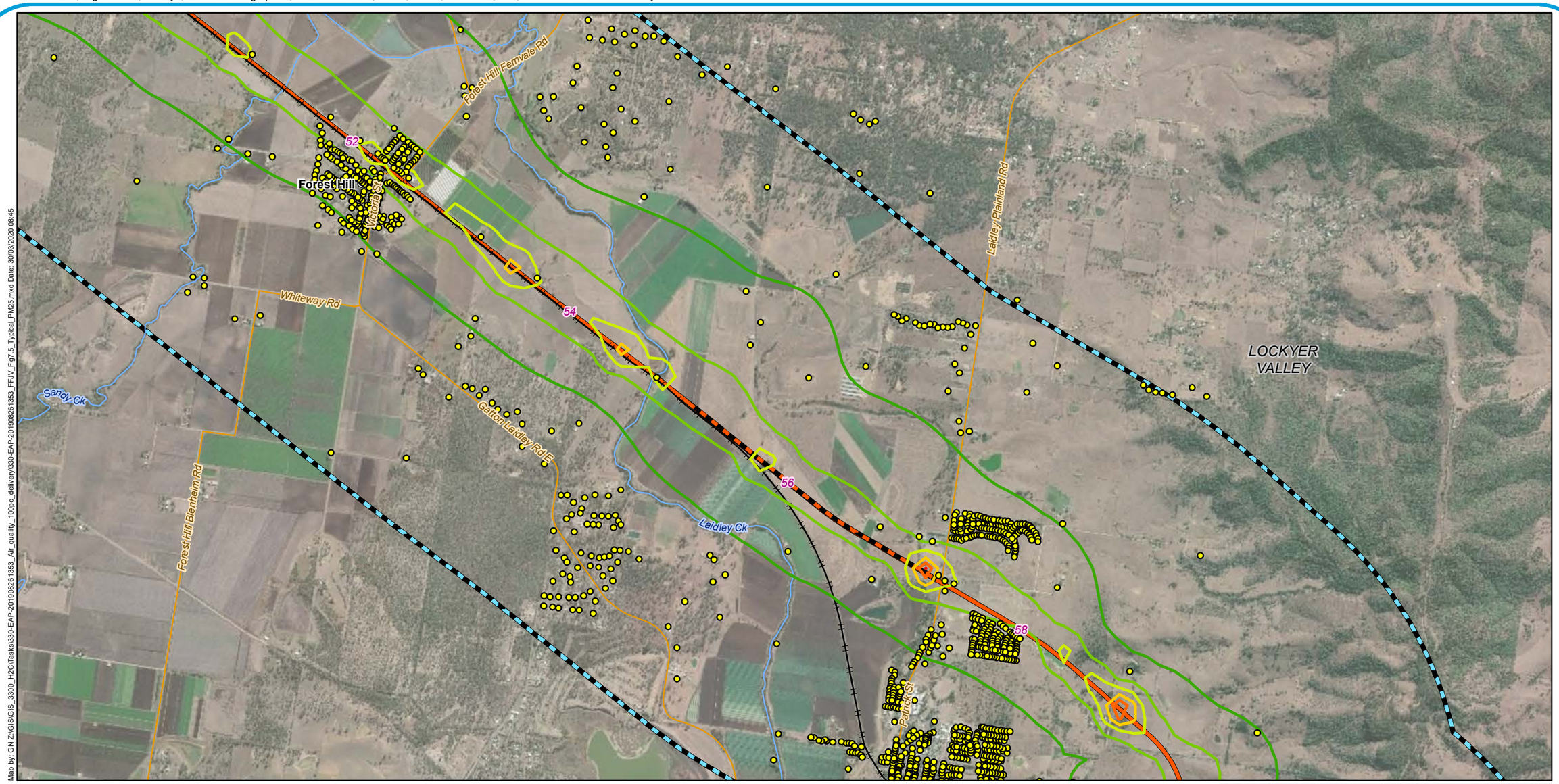
Helidon to Calvert

Figure 7.5c: Typical scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration



Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FFJV_Fig7.5_Typical_PM25.mxd Date: 30/03/2020 08:45

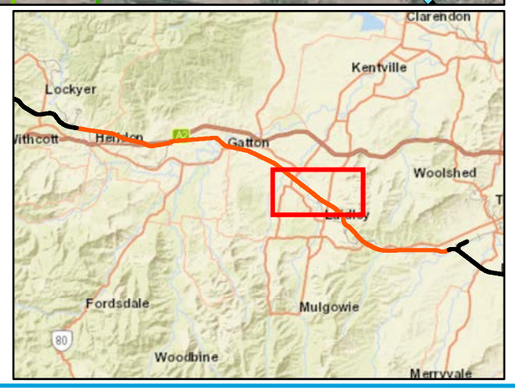
Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_Air_quality_100pc_delivery\330-EAP-20190826\1353_FFJV_Fig7.5_Typical_PM25.mxd Date: 30/03/2020 08:45

Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 6.8
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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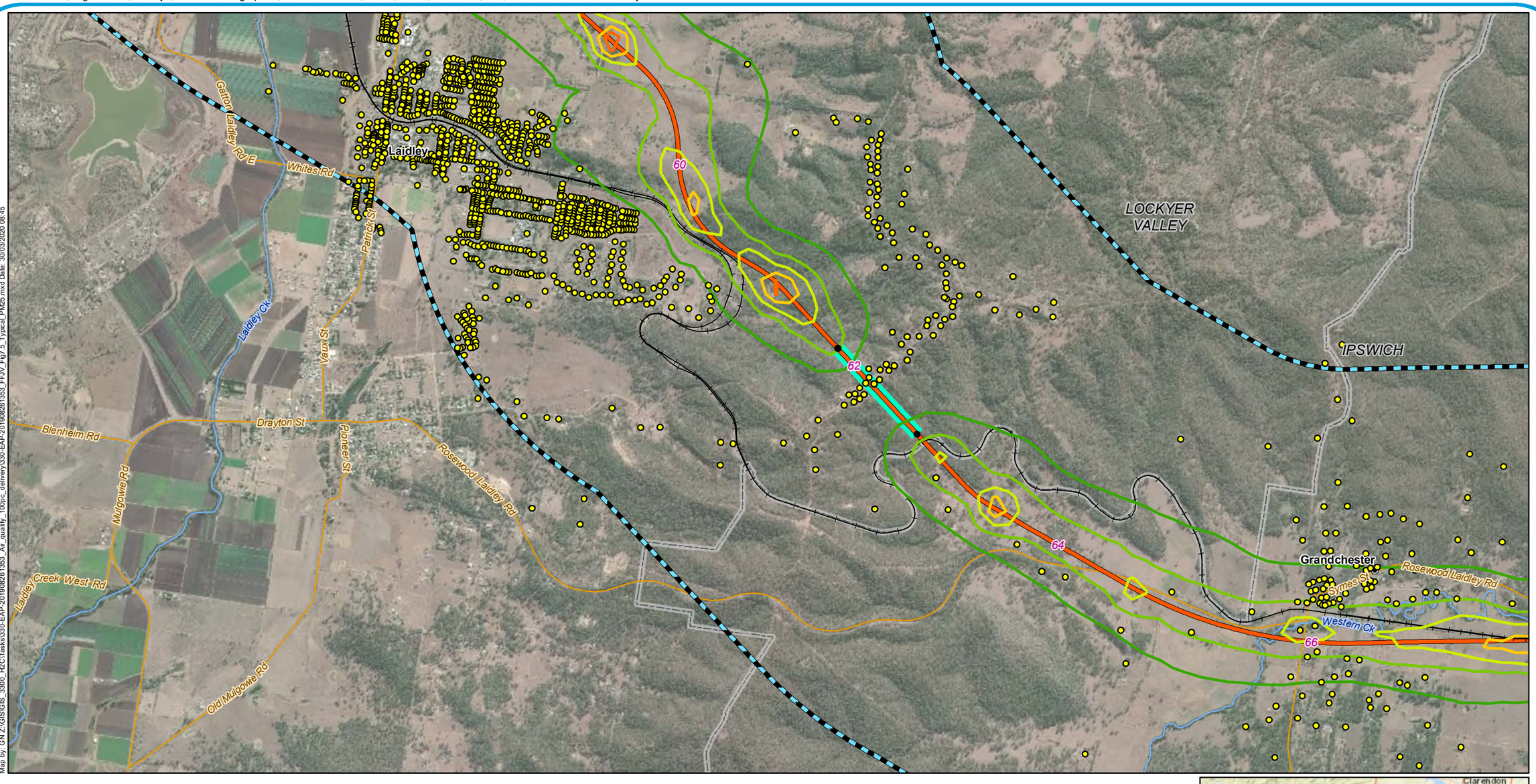
Figure 7.5d: Typical scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

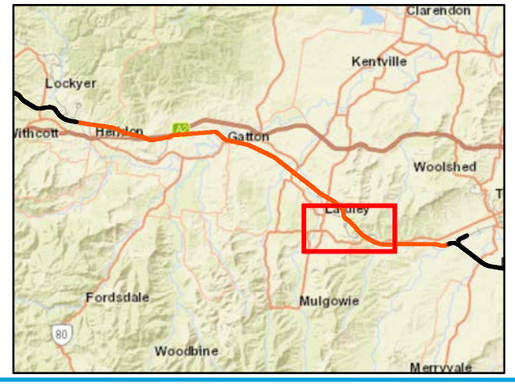


Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- Tunnel
- H2C project alignment
- Watercourses
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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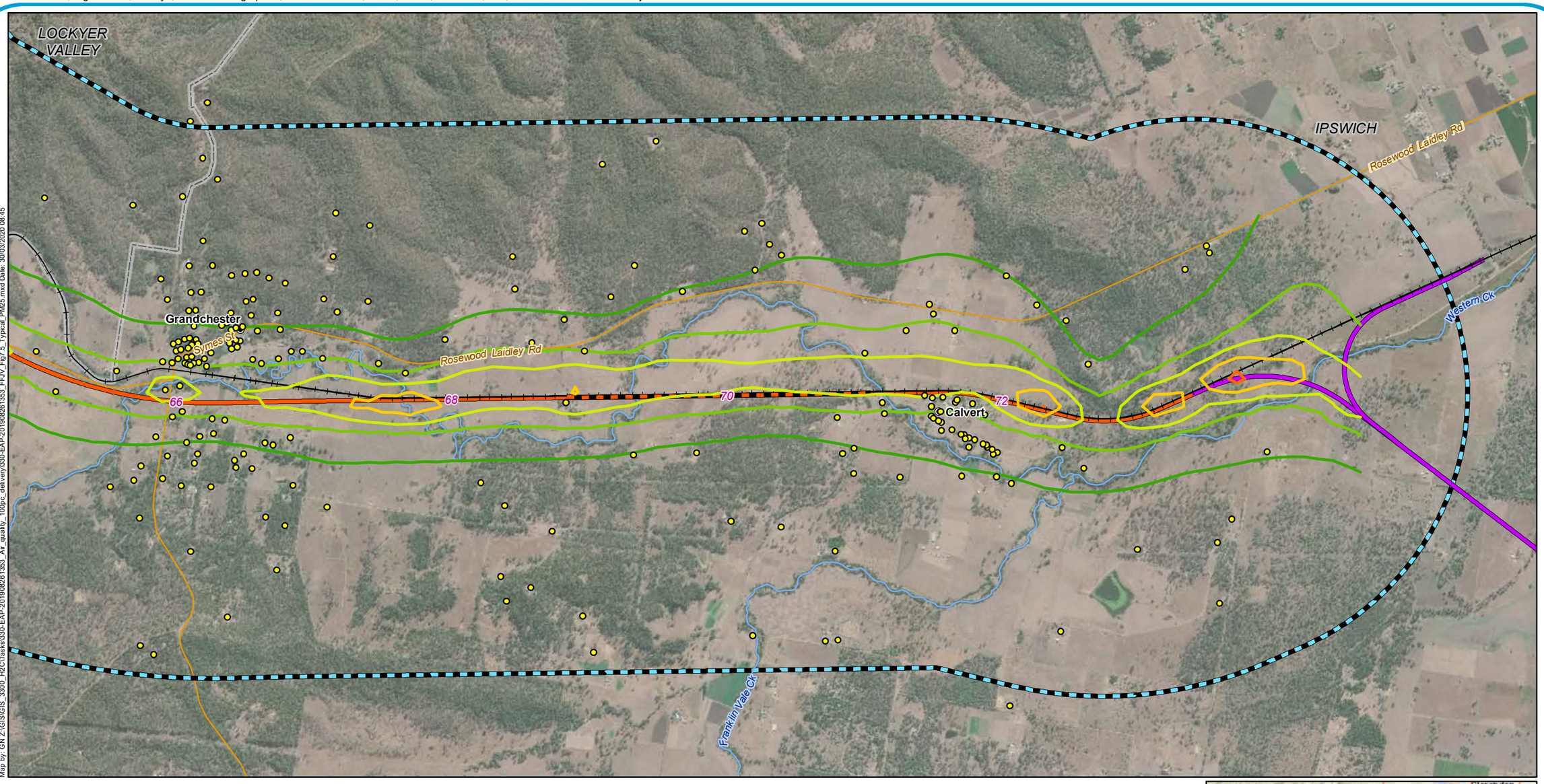
Figure 7.5e: Typical scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration



Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FFJV_Fig7.5_Typical_PM25.mxd Date: 30/03/2020 08:45
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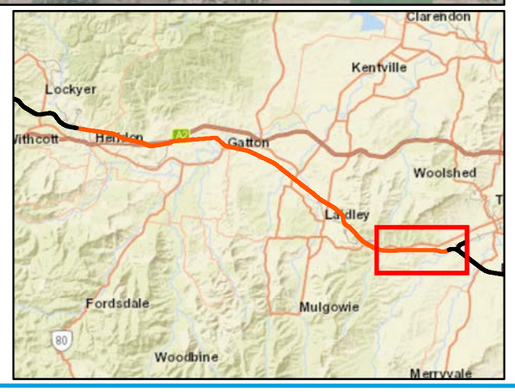
Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- C2K project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative $PM_{2.5}$ annual average ground level concentrations

- 5.8
- 6
- 6.2
- 6.4
- 6.6
- 8 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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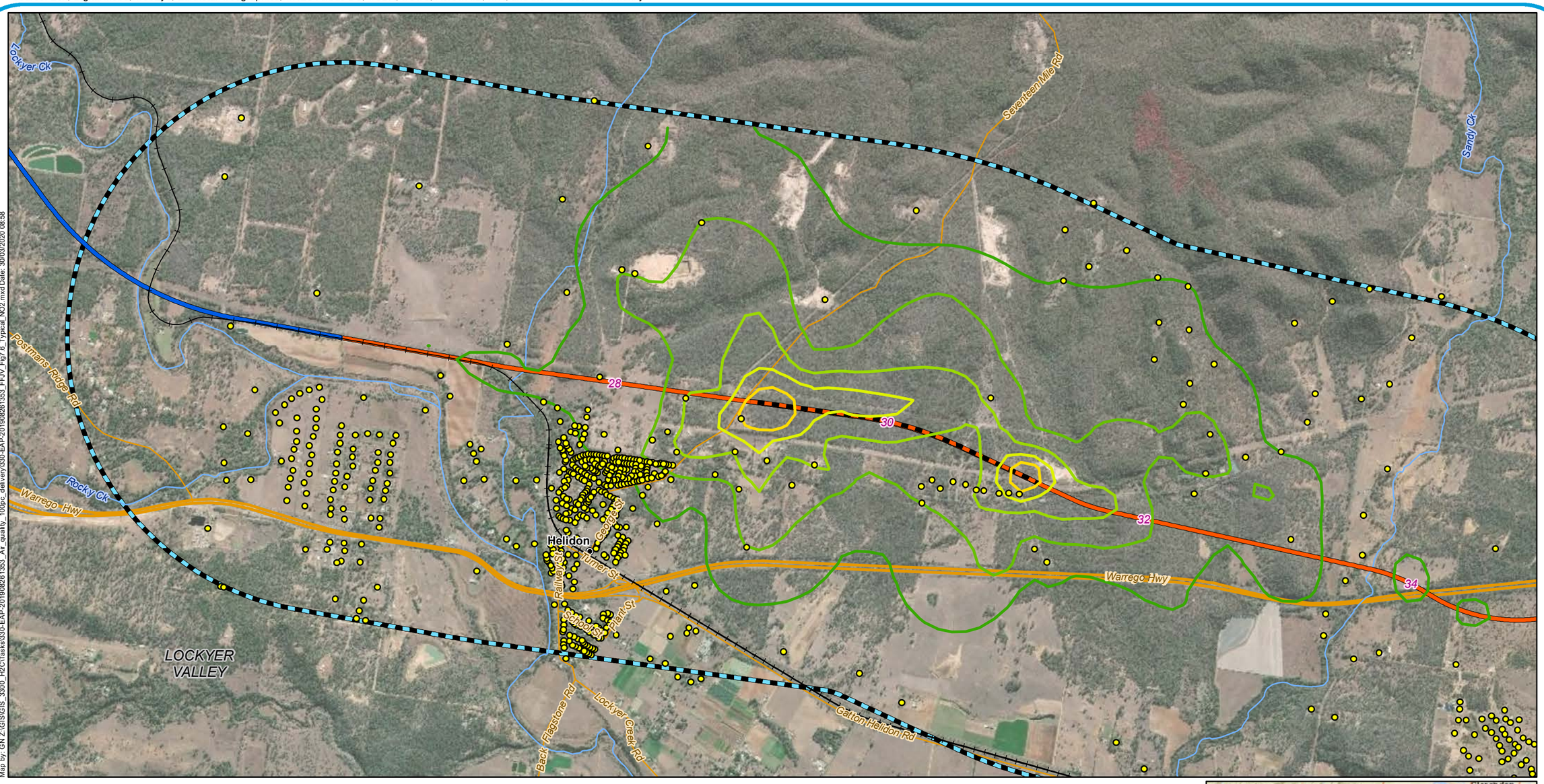
Figure 7.5f: Typical scenario predicted cumulative $PM_{2.5}$ annual average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_FFJV_Fig7.6_Typical_NO2.mxd Date: 30/03/2020 08:58

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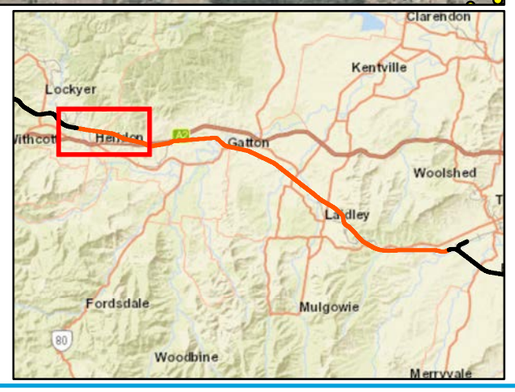
Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- G2H project alignment
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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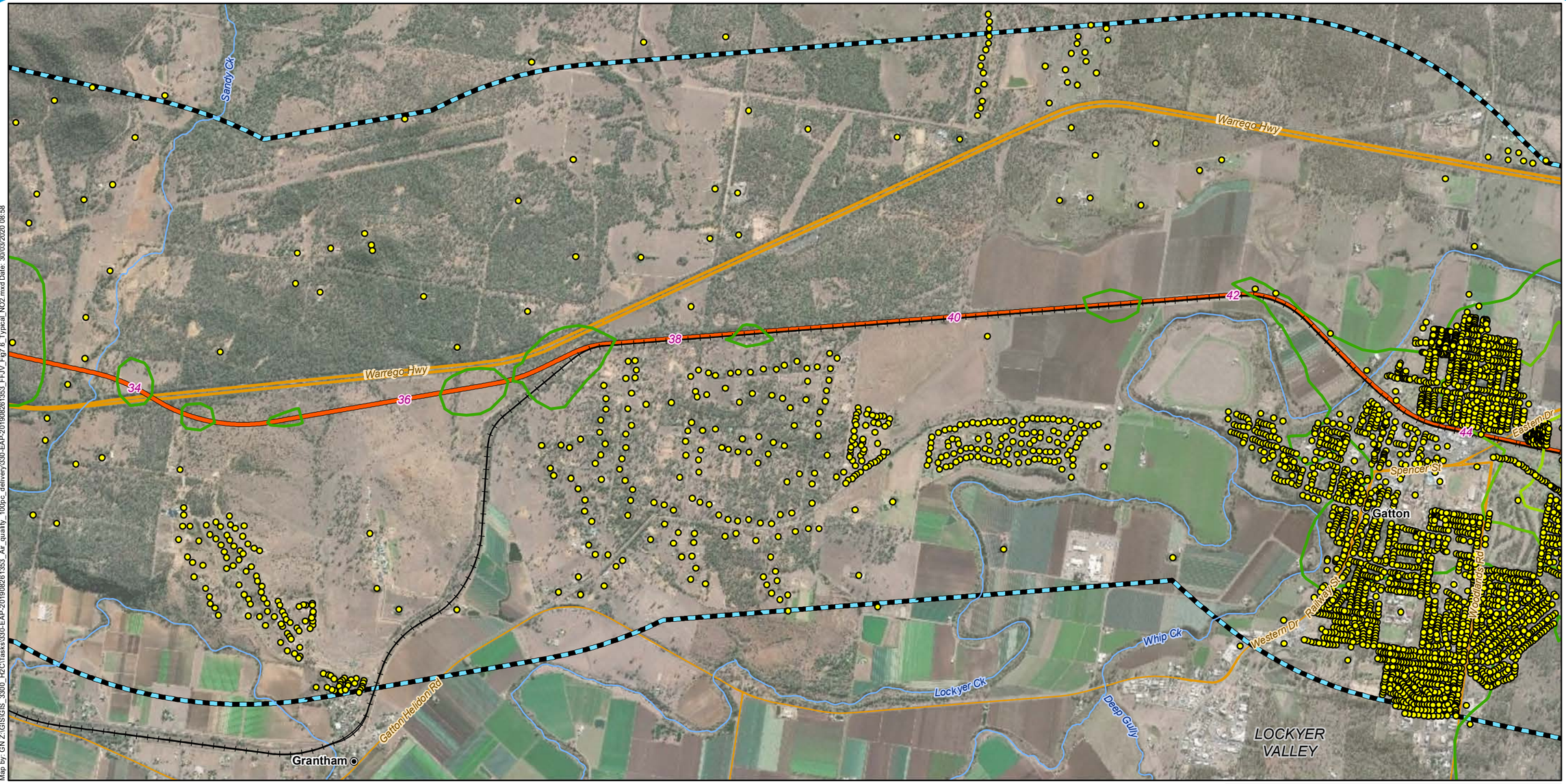
Helidon to Calvert

Figure 7.6a: Typical scenario predicted cumulative NO_2 maximum 1 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

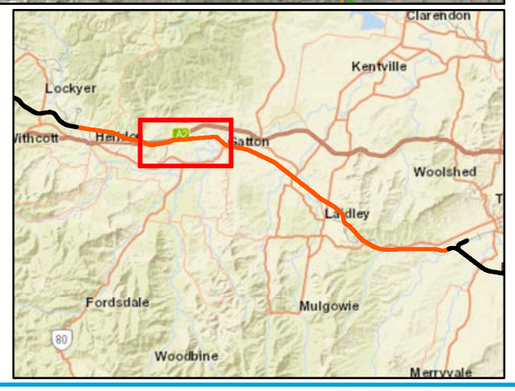


Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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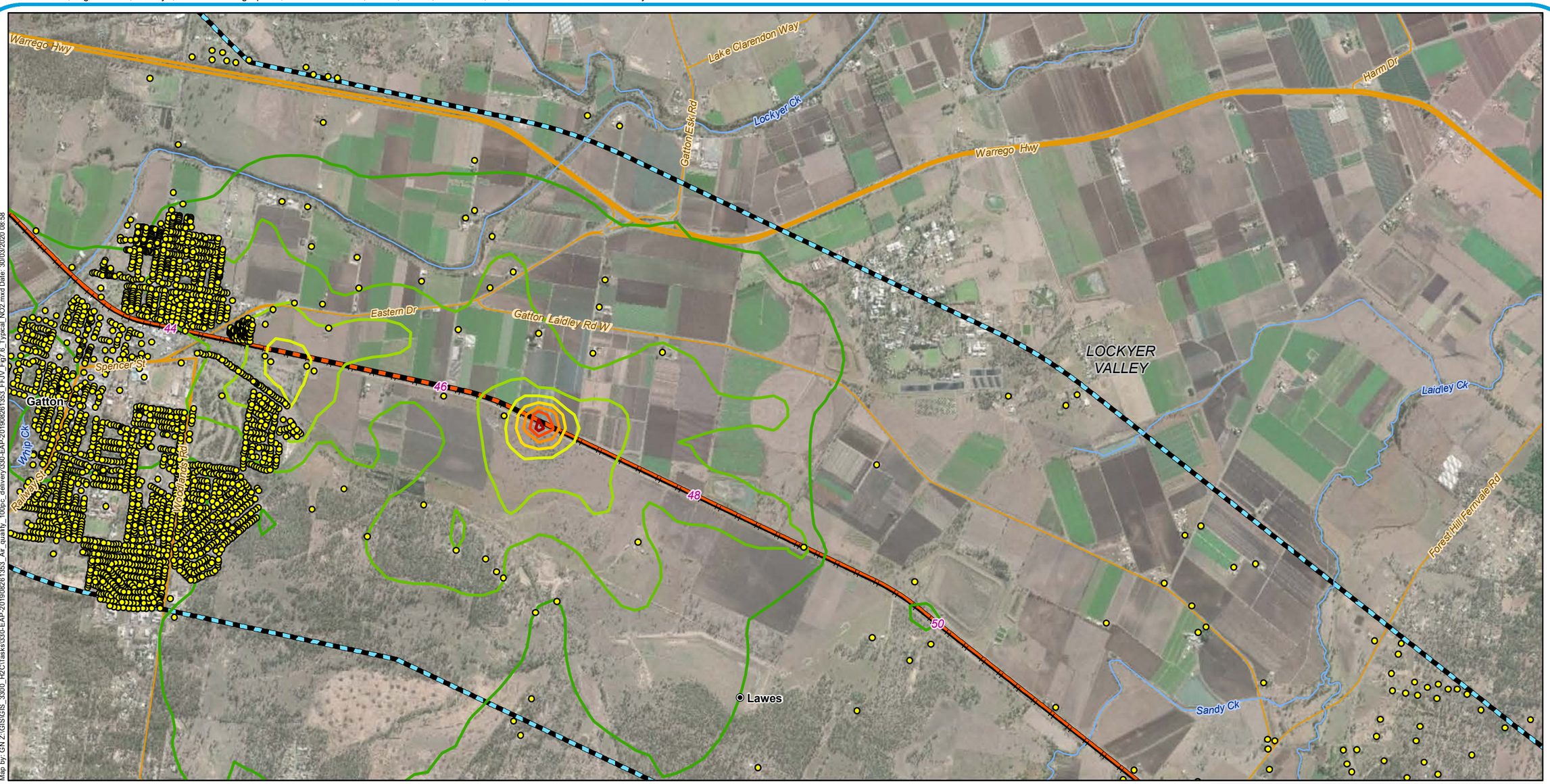
Figure 7.6b: Typical scenario predicted cumulative NO_2 maximum 1 hour average ground level concentration

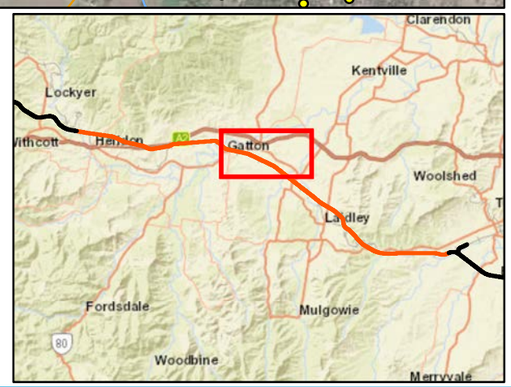


Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5km

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Figure 7.6c: Typical scenario predicted cumulative NO_2 maximum 1 hour average ground level concentration

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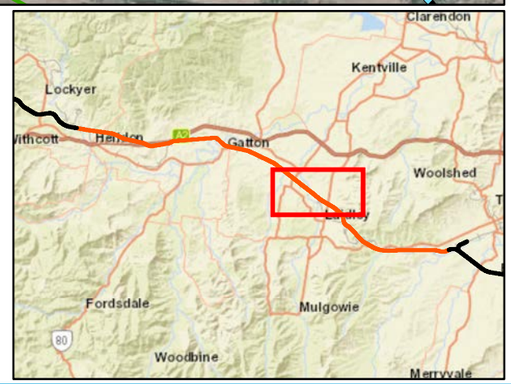
Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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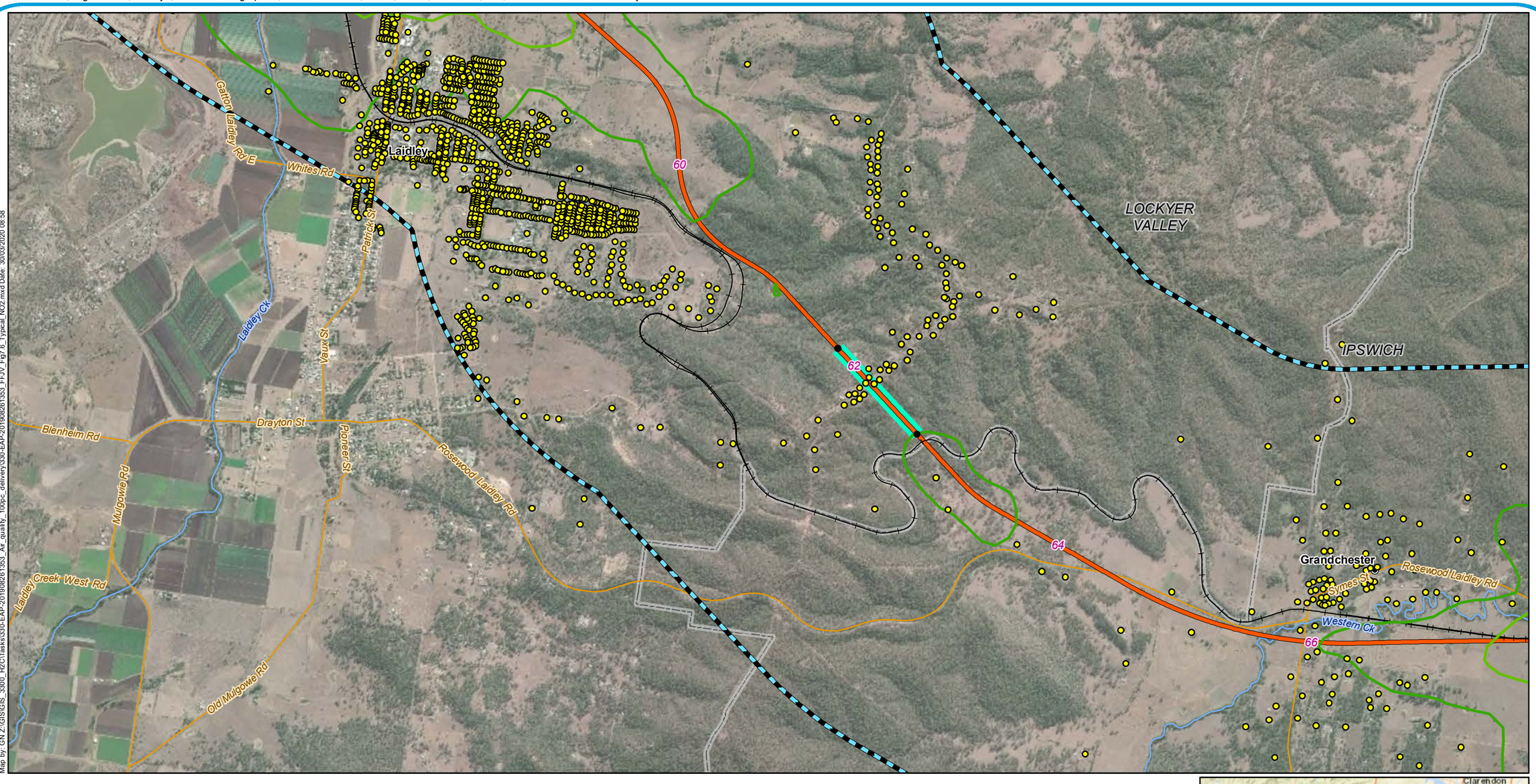
Helidon to Calvert

Figure 7.6d: Typical scenario predicted cumulative NO_2 maximum 1 hour average ground level concentration

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



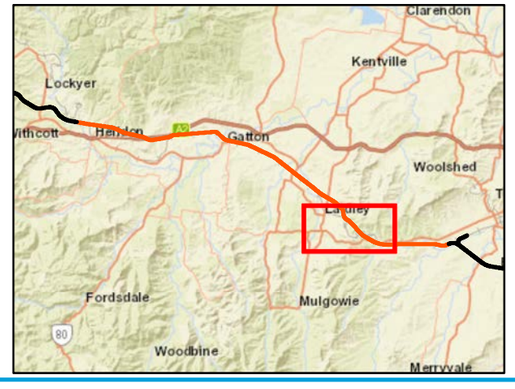
Map by: GN Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\1353_Air_quality_100pc_delivery\330-EAP-20190826\1353_FFJV_Fig7.6_Typical_NO2.mxd Date: 30/03/2020 08:58

Legend

- Sensitive receptors
- Chainage (km)
- Localities
- Tunnel portals
- Existing rail
- Tunnel
- H2C project alignment
- Watercourses
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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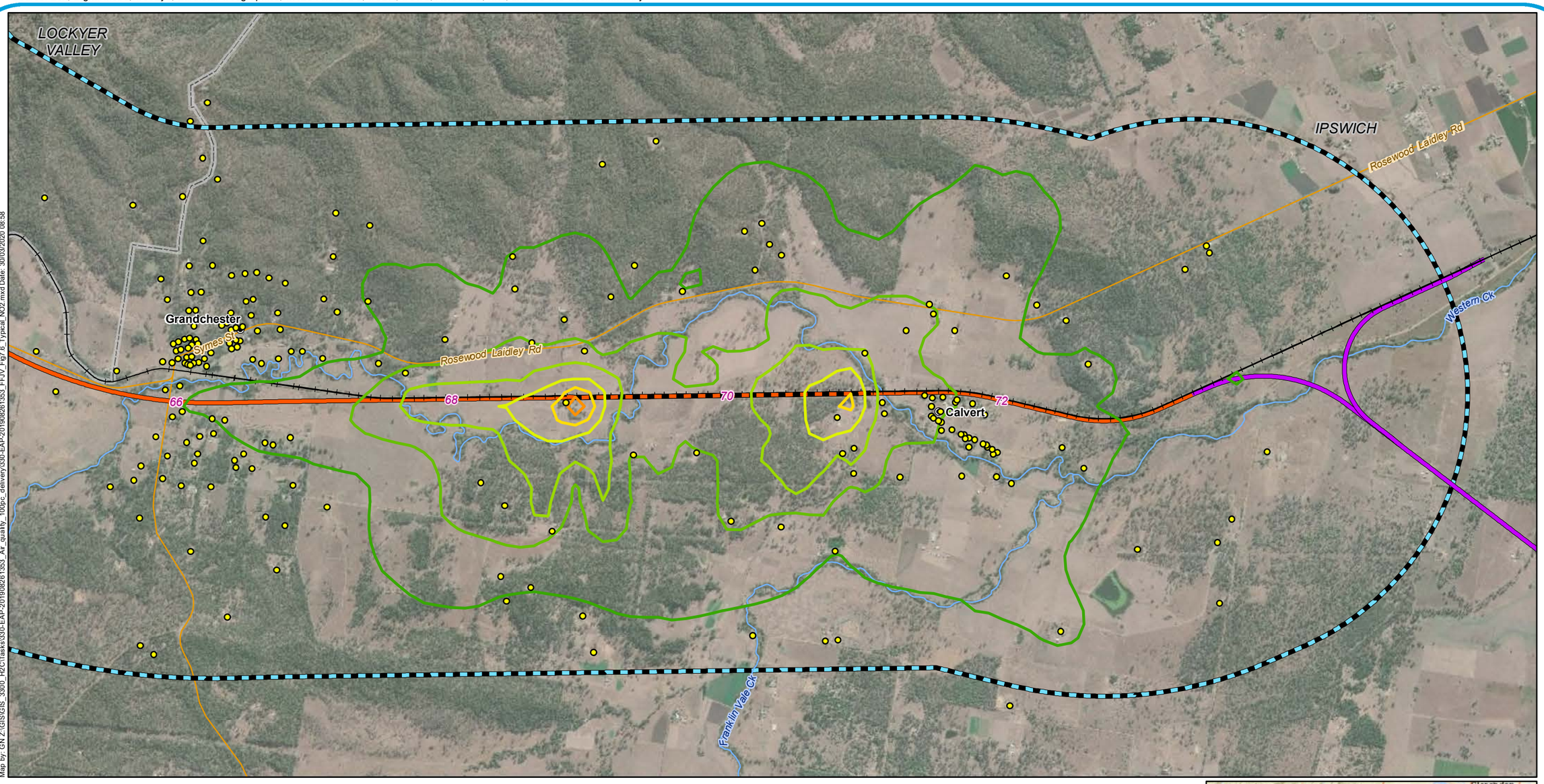
Figure 7.6e: Typical scenario predicted cumulative NO_2 maximum 1 hour average ground level concentration

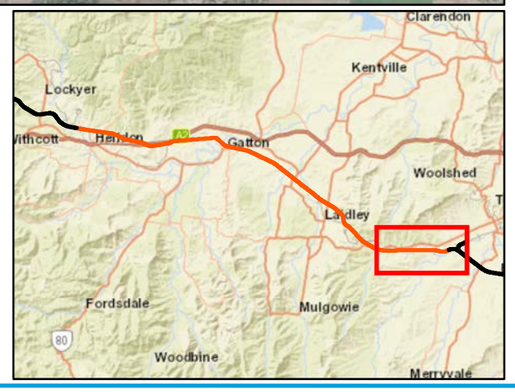


Legend

- Sensitive receptors
- 5 Chainage (km)
- Localities
- Existing rail
- H2C project alignment
- C2K project alignment
- Watercourses
- Crossing loops
- Minor roads
- AQIA study area
- Local Government Areas

Predicted cumulative NO_2 maximum 1 hour average ground level concentrations

- 75
- 100
- 125
- 150
- 175
- 200
- 225
- 250 µg/m^3 Criterion



A3 scale: 1:30,000

0 0.5 1 1.5 2 2.5 km

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Figure 7.6f: Typical scenario predicted cumulative NO_2 maximum 1 hour average ground level concentration

7.2 Impacts to tank water quality

Table 7.6 and Table 7.7 present the highest predicted pollutant concentrations for the water tanks for the worst affected sensitive receptor for the peak and typical train operations scenarios respectively. The predicted pollutant concentrations are presented for the without veneering increment (refer Table 7.1), which is worst case for deposition impacts. Table 7.6 and Table 7.7 also present the drinking water guideline values prescribed by the *Australian Drinking Water Guidelines* (NHMRC 2018).

Table 7.6 and Table 7.7 show that at the worst affected receptor compliance is predicted for all pollutants by a significant margin for both the peak and typical train volume scenarios.

As compliance with the drinking water guideline values prescribed by the *Australian Drinking Water Guidelines* (NHMRC 2018) is predicted by a significant margin, the residual impact to drinking water is expected to be insignificant.

Table 7.6 Highest predicted water tank concentrations at worst affected sensitive receptors (peak train operation)

Pollutant	Receptor	Maximum predicted annual deposition rate (µg/m^2/s)	Estimated roof area (m^2)	Maximum predicted total deposited mass (µg)	Tank water volume (L)	Highest predicted concentration (mg/L)	Guideline value (mg/L)[c]
Arsenic	s1627	3.04×10^{-11}	200[a]	0.19	1,000[b.]	1.92×10^{-7}	0.01
Cadmium		3.04×10^{-9}		19.2		1.92×10^{-5}	0.002
Lead		1.52×10^{-10}		0.96		9.59×10^{-7}	0.01
Nickel		2.13×10^{-8}		134		1.34×10^{-4}	0.02
Chrome VI		1.52×10^{-8}		95.9		9.59×10^{-5}	0.05

Table notes:

a Based upon the average surface area of a large house.
b Assumption of a 10,000 L water tank at 10 per cent capacity, with a resultant water volume of 1000 L.
c Source: *NHMRC Australian Drinking Water Guidelines* (2018).

Table 7.7 Highest predicted water tank concentrations at worst affected sensitive receptor (typical train operation)

Pollutant	Receptor	Maximum predicted annual deposition rate (µg/m^2/s)	Estimated roof area (m^2)	Maximum predicted total deposited mass (µg)	Tank water volume (L)	Highest predicted concentration (mg/L)	Guideline value (mg/L)[c]
Arsenic	s1627	2.48×10^{-11}	200[a]	0.16	1,000[b]	1.57×10^{-7}	0.01
Cadmium		2.48×10^{-9}		15.7		1.57×10^{-5}	0.002
Lead		1.24×10^{-10}		0.78		7.38×10^{-7}	0.01
Nickel		1.78×10^{-8}		110		1.10×10^{-4}	0.02
Chrome VI		1.24×10^{-8}		78.3		7.83×10^{-5}	0.05

Table notes:

a. Based upon the average surface area of a large house.
b. Assumption of a 10,000 L water tank at 10 per cent capacity, with a resultant water volume of 1000 L.
c. Source: *NHMRC Australian Drinking Water Guidelines* (2018).

7.3 Agricultural impacts

The predicted maximum dust deposition levels for the worst affected receptor in the AQIA study area are shown in Table 7.2 and Table 7.3 for the peak and typical train volume scenarios with and without veneering. The predicted maximum cumulative (Project and background) deposition levels are summarised as follows:

- Typical train volume with veneering: cumulative deposition level of 50.1 mg/m^2/day
- Typical train volume without veneering: cumulative deposition level of 50.3 mg/m^2/day
- Peak train volumes with veneering: cumulative deposition level of 50.1 mg/m^2/day
- Peak train volumes without veneering: cumulative deposition level of 50.4 mg/m^2/day.

As discussed in Section 3.6, research on vegetation response to dust deposition impact has shown that a measurable reduction in crop growth is not observed below a dust deposition rate of 1,000 mg/m²/day, and that a deposition rate of up to 4,000 mg/m²/day does not influence the amount of feed cattle eat or the amount of milk produced. For each of the scenarios assessed the predicted maximum cumulative dust deposition level at the worst affected receptor is well below these levels, with the highest predicted level being 50.4 mg/m^2/day for the peak train volume scenario without veneering. Based on the predicted results the impact of dust deposition on agricultural uses within the AQIA study area is not anticipated to be significant.

7.4 Agricultural train odour impacts

Odour emissions from agriculture freight train passbys are expected to be highly diluted due to the volume of air which will pass through and around the train over the duration of travel, and therefore odour emissions from moving agriculture freight trains are considered unlikely to cause significant impact or exceedance of the odour criterion.

Table 7.8 presents an assessment of odour impacts from livestock freight trains using the FIDOL factors discussed in Section 2.4.10. Livestock trains are considered to be the agriculture freight with the highest potential to impact sensitive receptors (greater potential than grain, as an example) and therefore have been assumed for the assessment of odour.

Table 7.8 Summary of FIDOL factors for odour generated by agricultural trains

FIDOL factor	Livestock trains
Frequency (F)	During peak operations, it is expected that a maximum of 6 livestock trains per week will travel the alignment. As such, the frequency of the event is low, with an average of less than one livestock train per day during peak periods.
Intensity (I)	Odour intensity is expected to range from strong to very strong for livestock trains.
Duration (D)	Duration of exposure is expected to be short, with the time of exposure limited to the length of time taken for the train to pass a point along the alignment. At crossing loops, the exposure is expected to be longer but will still be relatively short.
Offensiveness (O)	The offensiveness of the odour is expected to be unpleasant.
Location (L)	The land use of the receiving environment can be classified as mainly rural residential, rural, and residential for the larger town centres of Gatton and Laidley. Due to the land use of the receiving environment odour from agricultural activities and livestock is expected to be common to the existing ambient air environment. People living and visiting rural areas are expected to have a higher tolerance for rural activities and their associated effects, such as odour.

It is expected that odour produced from passing trains or trains stopped at crossing loops could be of high intensity and offensiveness, depending on the separation distance of the nearest sensitive receptors and the sensitivity of the receptor to odour. However, impacts are expected to be infrequent and of a short duration (one hour or less), and the Project is located in a predominantly rural area where odour from agricultural uses is likely to be common to the existing airshed. Based on the reasoning provided, odour emissions from agriculture freight are considered unlikely to result in significant impact to neighbouring sensitive receptors.

8 Cumulative impact assessment

When numerous projects occur within close proximity to each other they can cause cumulative impacts. It is a requirement of the ToR that cumulative impacts associated with the Project are considered.

The environment in which the Project will be constructed and operated is likely to have a number of existing regional and local sources of air pollution (natural and anthropogenic) that emit similar air pollutants as those being assessed. As is typical for air quality assessments, background concentrations and deposition levels have been estimated for the relevant pollutants of concern for the AQIA study area and have been used in the assessment of construction and operational phase impacts (refer Section 5.3.6).

As discussed in Section 4.4, dispersion modelling undertaken for the assessment of operational phase air quality impacts has included emissions from the adjoining sections of the Inland Rail Program adjacent to the Project, namely the G2H and C2K sections. Assessment of the modelling results has considered the background concentrations and deposition levels estimated for the relevant pollutants to assess cumulative impacts.

The assessment matrix and the results of the cumulative impact risk assessment are discussed in the following sections.

8.1 Assessment matrix

The assessment of cumulative impacts has considered existing and proposed projects which have the potential to cause cumulative air quality impacts as a result of emissions to air anticipated to be generated during construction and operation of the identified projects, and the projects spatial and temporal relationship with the Project.

The significance of the potential cumulative impact has been determined by using professional judgement to select the most appropriate relevance factor for each aspect as identified in Table 8.1. The sum of the relevance factors determines the impact significance and consequence which are summarised in Table 8.2. For example, if a project is assigned a probability of impact score of 2, a duration of impact score of 3, a magnitude/intensity of impact score of 1 and a sensitivity of receiving environment score of 1, the significance of impact would be Medium (2+3+1+1 = 7).

Table 8.1 Assessment matrix

Aspect	Relevance factor		
	Low	Medium	High
Probability of impact	1	2	3
Duration of impact	1	2	3
Magnitude/Intensity of impact	1	2	3
Sensitivity of receiving environment	1	2	3

Table 8.2 Impact significance

Impact significance	Sum of relevant factors	Consequence
Low	1-6	Negative impacts need to be managed by standard environmental management practices. Monitoring to be part of general project monitoring program.
Medium	7-9	Mitigation measures likely to be necessary and specific management practices to be applied. Targeted monitoring program may be required, where appropriate.
High	10-12	Alternative actions should be considered and/or mitigation measures applied to demonstrate improvement. Targeted monitoring program necessary, where appropriate.

8.2 Cumulative impacts

As discussed in Section 7, assessment of the operational phase of the Project has assessed cumulative impacts by considering emissions from existing or planned developments that are or will be a significant source of pollutants of interest that are also relevant to the Project. Specifically, dispersion modelling undertaken for the assessment of operational phase air quality impacts has included emissions from the adjoining sections of the Inland Rail Program adjacent to the Project, namely the G2H and C2K sections. No other projects (in addition to G2H and C2K) were identified which required inclusion in the assessment of cumulative operational phase impacts. As cumulative impacts for the operation phase have already been considered in detail, this cumulative impact assessment is limited to the construction phase of the Project only.

In addition to G2H and C2K, there are three 'State significant' or 'strategic' projects located within or near the air quality study area which require consideration for cumulative air quality impacts for the construction phase. The significance of cumulative impacts resulting from the construction of these projects concurrently with the construction of the Project has been assessed.

It is noted that a number of the projects considered are expected to have limited potential for cumulative impacts. However, these projects have been included due to their location within or near the air quality study area, or their status as a 'State significant' or 'strategic' project. The Bromelton State Development Area and the Ipswich Motorway Upgrade (Rocklea to Darra) projects which are considered in EIS Chapter 22: Cumulative impacts, have not been considered in the cumulative impact assessment for air quality due to the significant separation distance between these projects and the Project and the negligible risk of cumulative impacts.

The assessed projects which have been considered in the cumulative impact assessment are listed in Table 8.3. The locations of the assessed projects are shown in Figure 8.1.

Table 8.3 Projects considered for the cumulative impact assessment

Project and proponent	Location	Description	Construction dates
G2H (ARTC)	Immediately west of the Project, rail alignment travels from Gowrie to Helidon.	Comprised of approximately 26 km single-track dual-gauge freight rail line, a tunnel through the Toowoomba Range and connection to the existing West Moreton Railway Line.	2021 to 2026
C2K (ARTC)	Immediately east of the Project, rail alignment travels from Calvert to Kagaru.	Comprised of approximately 53 km single-track dual-gauge freight rail line, a tunnel through the Teviot Range, a connection to the existing Sydney to Brisbane interstate railway line at Kagaru and connection to the existing West Moreton Railway Line.	2021 to 2026
RAAF Base Amberley future works (Department of Defence)	RAAF Base Amberley is approximately 14 km to the east of the Project at its closest point.	A white paper has been issued dedicated to future upgrades to RAAF Base Amberley. The total cost of the upgrade work is anticipated to be approximately $1 billion.	2016 to 2022
Gatton West Industrial Zone (GWIZ) (Lockyer Valley Regional Council)	3 km north-west Gatton, adjacent to the northern boundary of the Project.	Industrial development area including a transport and logistics hub on the Warrego Highway.	2019 to 2024
InterLinkSQ (InterLinkSQ)	13 km west of Toowoomba, approximately 24 km to the west of the western extent of the Project.	200 ha of new transport, logistics and business hubs. Located on the narrow-gauge regional rail network and interstate network. Located at the junction of the Gore, Warrego and New England Highways.	2017 to 2037

The results of the assessment of cumulative impacts are presented in Table 8.4. Table 8.4 also presents discussion with respect to the requirements for mitigating potential cumulative impacts.

As discussed above, this cumulative impact assessment (excluding G2H and C2K) assesses the potential for cumulative impacts arising from emissions during the construction phase of these projects only. However, for information, comments on anticipated operational emissions from the assessed projects have also been provided in Table 8.4.

The relevance factor for the sensitivity of the receiving environment in Table 8.4 has been assigned as Low for all projects. This factor has been assigned considering the number of sensitive receptors which may be affected by cumulative impacts with the assessed project, the sensitivity to the emissions which will cause the impact (e.g. dust), and the mostly isolated nature of construction phase emissions from the Project.

Based on the assigned relevance factors, Table 8.4 shows that cumulative air quality impacts are expected to be of Low significance for all assessed projects.

Mitigation measures for the construction phase of the Project are recommended in Section 9.3. The recommended mitigation measures for the Project will reduce the potential for cumulative impacts at sensitive receptors. Implementation of the recommended mitigation measures in combination with the implementation of a CEMP is expected to be sufficient to minimise the risk of significant cumulative impacts.

Table 8.4 Cumulative impact assessment of assessable projects

Project	Potential cumulative impact	Impact characteristic	Relevance factor	Sum of relevance factors	Impact significance	Comments and management measures
G2H (ARTC)	The construction and operation of the Project will occur concurrently with the construction and operation of G2H. Air emissions could impact receptors located near both projects. Air emissions from the operation of G2H have been assessed as part of the assessment of the operation of the Project.	Probability of the impact	Medium (2)	6	Low	▪ The significance of cumulative impacts is considered to be Low. ▪ Recommended mitigation measures for the construction phase of the Project are presented in Section 9.3. Mitigation measures will also be recommended for the G2H project in the projects EIS. It is expected that the potential for cumulative impacts will be appropriately managed through the implementation of mitigation measures and a CEMP. ▪ Cumulative impacts as a result of the operation of both projects has been assessed in detail, with the results of the operational phase assessment presented in Section 7.
		Duration of the impact	Medium (2)			
		Magnitude/intensity of the impact	Low (1)			
		Sensitivity of the receiving environment	Low (1)			
C2K (ARTC)	The construction and operation of the Project will occur concurrently with the construction and operation of C2K. Air emissions could impact receptors located near both projects. Air emissions from the operation of C2K have been assessed as part of the assessment of the operation of the Project.	Probability of the impact	Medium (2)	6	Low	▪ The significance of cumulative impacts is considered to be Low. ▪ Recommended mitigation measures for the construction phase of the Project are presented in Section 9.3. Mitigation measures will also be recommended for the C2K project in the projects EIS. It is expected that the potential for cumulative impacts will be appropriately managed through the implementation of mitigation measures and a CEMP. ▪ Cumulative impacts as a result of the operation of both projects has been assessed in detail, with the results of the operational phase assessment presented in Section 7.
		Duration of the impact	Medium (2)			
		Magnitude/intensity of the impact	Low (1)			
		Sensitivity of the receiving environment	Low (1)			
RAAF Base Amberley future works (Department of Defence)	Overlap of construction of the Project with construction to upgrade RAAF Base Amberley.	Probability of the impact	Low (1)	4	Low	▪ The significance of cumulative impacts is considered to be Low. ▪ Due to separation distance, no significant cumulative impacts are anticipated due to simultaneous construction activities. Ongoing development of RAAF Base Amberley may see an increase in localised road traffic but this is not expected to result in significant air impacts. ▪ No additional mitigation measures are required.
		Duration of the impact	Low (1)			
		Magnitude/intensity of the impact	Low (1)			
		Sensitivity of the receiving environment	Low (1)			

Project	Potential cumulative impact	Impact characteristic	Relevance factor	Sum of relevance factors	Impact significance	Comments and management measures
Gatton West Industrial Zone (GWIZ) (Lockyer Valley Regional Council)	The construction and operational phases of the GWIZ project overlap with the construction and operational phases of the Project. The GWIZ is located adjacent to the northern boundary of the Project, between the Project alignment and the Warrego Highway. Air emissions during the construction and operational phases could impact receptors located near both projects.	Probability of the impact	Low (1)	4	Low	▪ The significance of cumulative impacts is considered to be Low. ▪ Construction of the GWIZ will generate emissions to air. However, it is considered unlikely that construction for each project will occur in the same localised area simultaneously to the extent that would cause significant impacts to existing receptors. Based on the locations of sensitive receptors near both projects, significant cumulative impacts are considered unlikely. ▪ The operation of the GWIZ will likely increase road traffic on surrounding roads, including the Warrego Highway. However, increases in emissions as a result of the GWIZ project are not considered to present a risk of significant cumulative impacts to receptors in the AQIA study area. Emissions may occur from the operation of industries within the GWIZ. However, the type of emissions will depend on the individual industries, and individual impact assessments will be required for proposed polluting land uses. ▪ No additional mitigation measures are required further to those recommended for the Project. It is expected that the recommended mitigation measures for the construction of the Project will be sufficient to minimise the risk of cumulative impacts.
		Duration of the impact	Low (1)			
		Magnitude/intensity of the impact	Low (1)			
		Sensitivity of the receiving environment	Low (1)			
InterLinkSQ (InterLinkSQ)	Overlap of the construction and operation of InterLinkSQ with the construction and operation of the Project.	Probability of the impact	Low (1)	4	Low	▪ The significance of cumulative impacts is considered to be Low. ▪ Air emissions will be generated during construction (predominantly construction dust) and operation (predominantly combustion gases from transport engines). The InterlinkSQ project is located near G2H but has significant separation distance from the Project (approximately 24 km). Emissions to air from this project do not present a risk of cumulative impacts due to the separation distance between the project and the AQIA study area. ▪ No additional mitigation measures are required.
		Duration of the impact	Low (1)			
		Magnitude/intensity of the impact	Low (1)			
		Sensitivity of the receiving environment	Low (1)			

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Map by: DTH Z:\GIS\GIS_3300_H2C\Tasks\330-EAP-20190826\353_Air_quality_100pc_delivery\330-EAP-20190826\353_FFJV_Fig8.1_Cumulative.mxd Date: 1/10/2020 14:43

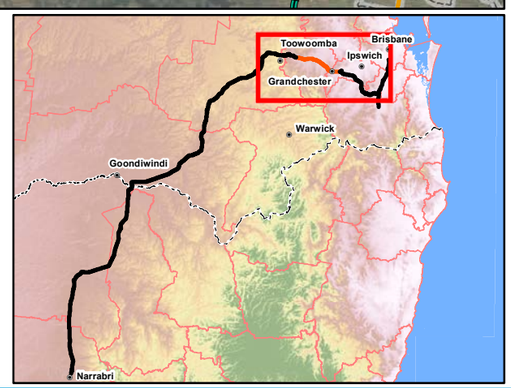
Hampton
Cabarlah
Highfields
Murphys Creek
Kingsthorpe
Gowrie
Oaky Creek
Wellcamp
Toowoomba
Withcott
Helidon
Gatton
Grantham
Lawes
Forest Hill
Westbrook
Ma Ma Creek
LOCKYER VALLEY
Laidley
Wyreema
Cambooya
Greenmount
East Greenmount
TOOWOOMBA
Nobby
Pilton
Coominya
SOMERSET
Lowood
Fernvale
Glamorgan Vale
Minden
Marburg
Rosewood
Grandchester
Calvert
Ebenezer
Walloon
Ipswich
IPSWICH
Willowbank
Purga
Goolman
Samford
MORETON BAY
Brisbane
BRISBANE
Chuwar
LOGAN
Peak Crossing
Harrisville
Warrill View
SCENIC RIM
Munbilla
Woolooman
Washpool
Flinders Lakes
Jimboomba
Kagaru
Warrego Hwy
Gore Hwy
New England Hwy
Brisbane Valley Hwy
Cunningham Hwy
Centenary Hwy
Ipswich Mway
Brisbane Rd
Ipswich Rd
Beaudesert Rd
Gympie Rd
Logan Mway
Jimboomba Link Rd

Legend

- Localities
- Existing rail
- B2G project alignment
- H2C project alignment
- K2ARB project alignment
- Major roads
- Minor roads
- AQIA study area
- Local Government Areas

Projects

- Calvert to Kagaru (C2K)
- Gatton West Industrial Zone (GWIZ)
- Gowrie to Helidon (G2H)
- Interlink SQ - Global Logistics Centre
- RAAF Amberley



A3 scale: 1:350,000

0 3 6 9 12 15km

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Integrating Community, Environment and Engineering

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Coordinate System: GDA 1994 MGA Zone 56

Helidon to Calvert

Figure 8.1:

Location of projects considered in cumulative impact risk assessment

9 Mitigation measures and management strategies

This section outlines the initial mitigation measures included in the Project design and identifies proposed mitigation measures to manage potential air quality impacts in the preconstruction, construction and operational phases of the Project.

No comprehensive guideline information is currently available for best practice environmental management measures for the emissions of air pollutants from construction related emissions in QLD or Australia. Guidance on management measures are provided within the *Guideline for the assessment of dust from demolition and construction* (UK IAQM 2014); however, many of these measures are tailored to the United Kingdom and are not necessarily applicable for Australia. Where similar conditions do exist, the proposed mitigation measures do align with the suggested mitigation measures from the UK IAQM guideline document. Mitigation measures prescribed in the NPI *Emissions Estimation Manual for Mining* (DSEWPC 2012) are also considered applicable for the construction phase, and select mitigation measures from this document are proposed.

The identified mitigation measures represent best practice environmental management of air emissions.

9.1 Design considerations

The mitigation measures incorporated in the Project design are presented in Table 9.1. These design measures have been identified through collaborative development of the design and consideration of environmental constraints and issues, including proximity to sensitive receptors. These design measures are relevant to both construction and operational phases of the Project.

Table 9.1 Mitigation measures inherent in the design

Aspect	Initial mitigation
Emissions from refuelling activities during construction	The planning, siting and assessment of potential fuel storage locations has taken into consideration the location of existing potentially affected sensitive receptors.
Emissions from construction vehicles	The horizontal and vertical alignment has been established to optimise the earthworks and minimise excess spoil (where possible). By minimising the material deficit for construction of the Project, the volume of material required to be handled and transported has been reduced. Less material handling reduces potential road transport truck movements and reduces emissions. Construction phase haulage routes that provide the shortest journey time between origin and destination have been considered. Optimised haulage routes minimise fuel consumption and vehicular emissions.
Fugitive dust emissions (windborne erosion) during construction and operation	The Project disturbance footprint has aimed to minimise clearing extents to that required to construct and operate the works. Laydown areas and other construction-phase facilities have been located to avoid impacts. Batters, embankments and exposed surfaces have been designed with regard to slope and stabilisation. This will reduce potential fugitive dust emissions.
Emissions from operational locomotives	The Project has been aligned to avoid, where possible, steep terrain and topographical constraints to provide for more efficient operational track geometry and grade. This results in faster train transit time and less locomotive emissions.
Emissions from idling locomotives	The planning and siting of crossing loops at Helidon, Gatton, Laidley, and Calvert has considered the location of nearest existing potentially affected sensitive receptors.

9.2 Operational management measures

Dust and air quality management measures will be incorporated into the environmental risk management frameworks that will apply to all third party freight train operators as part of network access agreements. The access agreements established will require train operators to prepare suitably detailed environmental and risk management plans for their operations. These plans will include clear performance requirements and traceable corrective measures and be subject to verification and auditing by the corridor operator.

The assessment of the operational phase has assumed that a number of the operational mitigation measures as required by the South West Supply Chain (QR West Moreton System rail corridor) *Coal Dust Management Plan* (South West Supply Chain 2019), such as veneering, are applied to the Project. The mitigation measures in the CDMP aim to minimise surface lift-off of materials in the transit of coal and establishes protocols to minimise spillage onto external areas of wagons to reduce potential emissions. Additional measures currently implemented through the South West Supply Chain include:

- Coal washing and moisture management
- Load profiling and use of “garden bed profile”
- Monitoring of performance.

The assessment of the operational phase has determined that veneering will minimise and reduce potential particulate matters impacts. The assessment of the operational phase has determined that veneering is required to achieve compliance with the Project air quality goals for PM_{10} and $PM_{2.5}$ based on the assessed volume of coal trains. The implementation of veneering has been assumed to reduce coal dust emissions from coal laden trains by 75 per cent as discussed in Section 4.4.1.2. With veneering, the assessment of the operational phase of the Project for impacts to air quality and water tank quality (refer Section 7) has determined that compliance is predicted for all air quality and water quality goals.

Veneering is currently applied to coal trains which use the West Moreton System rail corridor. Therefore, existing coal trains which currently use the West Moreton System rail corridor and would use the Project will already implement veneering.

Prior to operation of the Project, engagement will be undertaken with existing stakeholders and members of the South West Supply Chain (including QR, DES) with regards to coal dust management and monitoring requirements necessary to maintain the integrity of the existing South West Supply Chain *Coal Dust Management Plan*. The South West Supply Chain *Coal Dust Management Plan* is considered to be best practice with respect to managing emissions from coal trains. Section 9.4.3 discusses how the performance of mitigation measures will be monitored, reported and audited.

Commissioning and maintenance activities with the potential to generate dust or air quality impacts will be managed in accordance with the measures described in the ARTC draft Outline Environmental Management Plan.

9.3 Proposed mitigation measures

In order to manage Project risks during construction and operation a number of mitigation measures have been proposed as presented in Table 9.2. These proposed mitigation measures have been identified to address to Project specific issues and opportunities, address legislative requirements, accepted government plans, policy and practice.

Table 9.2 identifies the relevant Project phase, the aspect to be managed, and the proposed potential mitigation measures. For several of the mitigation measures proposed, the expected control efficiency (emission reduction percentage) has been nominated. The control efficiencies reported have been obtained from the NPI *Emissions Estimation Manual for Mining* (DSEWPC 2012) *and Environmental Evaluation of Fugitive Coal Dust Emissions from Coal Trains* (Connell Hatch 2008).

For a number of emission sources there are multiple available mitigation measures. In the pre-construction and construction phases of the Project, dust sources will be variable and transitory in nature and the potential for impacts will vary with proximity to sensitive receptors. The exact method of mitigation implemented will be determined during construction phase planning and following confirmation of the availability and suitability of water supply sources.

During the commissioning phase of the Project air emissions are expected to be limited to combustion engine emissions associated with transport vehicles and train locomotives, and limited dust emissions from vehicle travel on unsealed roads. Mitigation measures for transport vehicles (dust and combustion engine emissions) are the same during the construction and commissioning phases, and therefore the mitigation measures in Table 9.2 are combined for these phases. Air emissions from train locomotives during the commissioning phase are not expected to be significant and therefore no mitigation measures are required for train locomotives in this phase.

The draft Outline Environmental Management Plan (refer EIS Chapter 23: Draft Outline Environmental Management Plan) provides further context and the framework for implementation.

Table 9.2 Air quality mitigation measures

Delivery phase	Aspect	Proposed mitigation measures
Detailed design	Availability of water for dust suppression and stabilisation during construction	Prior to construction, quantities of water required for dust suppression, construction, landscaping and stabilisation activities will be confirmed. The availability and suitability of water supply sources will be determined and where water supply is deemed insufficient or in high demand for other uses, other dust suppression and stabilisation methods will be implemented.
	Emissions from refuelling activities during construction	Design of fuel storage areas will ensure that fuel tanks will be located at least 50 m from the nearest sensitive receptor, with separation distances maximised as far as practical within site restrictions.
	Fugitive dust emissions (windborne erosion) during construction and operation	Detailed design will aim to avoid increasing the Project disturbance footprint identified in the EIS. Laydown areas and other construction phase facilities will be designed and arranged to minimise emissions and reduce the potential for air quality impacts to sensitive receptors. Design considerations will include the locations of stockpiles, activity areas, travel routes, rumble grids and truck washdown areas. Earthworks and landscape design of railway batters and other exposed surfaces will be designed to incorporate treatments and enable stabilisation to reduce wind erosion.
	Emissions reporting requirements	Emissions reporting requirements for the construction phase will be confirmed during detail design and consistent with the Sustainability Management Plan.
Pre-construction and construction	Dust generation from pre-construction activities	Vehicle travel on unsealed roads will be minimised as far as practical. Sealed roads will be used where possible, in accordance with the Traffic Management Plan. Disturbed areas will be rehabilitated and stabilise as soon as practical upon completion of works.
Construction and commissioning	Dust generation from earthworks, clearing and grubbing, construction activities and exposed areas within the temporary construction disturbance footprint	Limit clearing to the disturbance footprint as identified during the detailed design constructability assessment and planning. Limit clearing to that required to safely construct and operate the Project. Where practical, stage clearing and grubbing and construction activities to limit the size of exposed areas. Adequate precautions to effectively minimise the generation of dust, which may affect the safety and general comfort of the travelling public, the contractor's employees and/or occupants of adjacent buildings, during the construction of the work will be undertaken. This will involve regular applications of water or other measures along the sections of the work traversed by the travelling public, as required, to minimise dust. Implement water sprays or other measures to reduce dust emissions from excavation or disturbance of soils or vegetation, or handling ballast. Implement water sprays (anticipated emission reduction of 70 per cent) or other measures to reduce dust emissions from trucks unloading material. Implement water sprays (anticipated emission reduction of 50 per cent) or other measures to reduce dust emissions for mobile plant loading to or from material stockpiles. To reduce wind erosion from stockpiles, the following mitigation methods will be used subject to water availability and stockpile activity: ■ Water sprays (anticipated emission reduction of 50 per cent) ■ Wind breaks or earthworks profiling (anticipated emission reduction of 30 per cent)

Delivery phase	Aspect	Proposed mitigation measures
		▪ Application of rock armour/covering (anticipated emission reduction of 30 per cent) ▪ Covering of the stockpile with an impermeable covering (i.e. tarpaulin) or binding agent (anticipated emission reduction of 100 per cent). If water sprays are implemented for stockpiles, the application rate of water will be increased for stockpiles which will receive new material regularly, such as tunnel excavation stockpiles. Disturbed areas and exposed surfaces will be stabilised as a soon as practical. The following mitigation methods may be used subject to final purpose of the exposed area: ▪ Initial establishment of vegetation (anticipated emission reduction of 30 per cent) ▪ Maintained revegetation (anticipated emission reduction of 90 per cent) ▪ Establishment of self-sustaining rehabilitation vegetation (anticipated emission reduction of 100 per cent) ▪ Sealing of exposed surface (i.e. concrete, asphalt) (anticipated emission reduction of 100 per cent). Long-term stockpiles will be avoided where possible. However, where necessary (e.g. topsoil), long-term stockpiles will be established in locations with suitable separation from sensitive receptors. During periods of inactivity, stockpiles will be stabilised appropriately. Establish and communicate the protocol for notifying relevant stakeholders when potentially dust generating activities are planned to be carried out, with contact details for queries or complaints.
	Emissions from combustion engines (construction vehicles and generators)	Construction plant, vehicles and machinery will be maintained and operate in accordance with manufacturer's recommendations.
	Use of non-potable water for dust suppression	Water used in dust suppression will be of suitable quality and not result in environmental or human health risks, or impact rehabilitation outcomes. Water additives used to improve dust suppression effectiveness (e.g. the addition of soil binders to water for dust suppression on roads or hard stand areas) will be risk assessed prior to adoption.
	Dust generated by traffic on access tracks	To reduce emissions from construction vehicle movements on unsealed roads, road watering (anticipated emission reduction of 50 to 75 per cent) or other appropriate measures will be implemented for haul roads. Water additives used to improve dust suppression effectiveness will be considered.
	Fugitive dust emissions from vehicles transporting materials to and from site	Vehicles transporting potentially dust and/or spillage generating material to and from the construction site will have their loads covered immediately after loading (prior to traversing public roads). Rumble grids and the operation of truck washdown areas will be maintained to reduce trackout of material onto public roads where it may become resuspended. Site based construction traffic will be limited to identified haul routes as per the Construction Traffic Management Plan.
	Cumulative effects of dust emissions from construction and external land uses or activities	In the event that construction or track work is undertaken on adjacent Inland Rail projects or on existing rail networks proximate to the Project, interfacing environmental risks will be considered and enhanced mitigation will be implemented if required to mitigate impacts to receptors.

Delivery phase	Aspect	Proposed mitigation measures
	Dust generation and deposition as a result of adverse weather conditions	Ground-disturbing activities including excavation and vegetation clearing during windy conditions will be avoided where practical. When avoidance of ground-disturbing activities is not practical, enhanced management measures will be implemented, such as water application and/or implementation of temporary stabilisation treatments.
Operations	Emissions from the operation of the Project	Prior to commencement of operational activities, engagement will be undertaken with existing stakeholders and members of the South West Supply Chain (including QR, DTMR, DES Queensland Resources Council and Local Councils) with regards to coal dust management and monitoring requirements necessary to maintain the integrity of the existing South West Supply Chain Coal Dust Management Plan. Implementation of a number of the operational mitigation measures as required by the South West Supply Chain Coal Dust Management Plan, including veneering, to the Project (anticipated 75 per cent reduction in coal dust emission rates for coal laden trains). Monitor air quality during operation of the Project and report and audit monitoring results as discussed in Section 9.4.3 and consistent with the Operational Environmental Management Plan. Monitor, record and follow up with all complaints about dust and emissions in accordance with the Complaint Management Handling Procedure described in the draft and the requirements of the Social Impact Management Plan. Where required, or as directed, the complaints management process will be audited to ensure the effectiveness of management measures and mitigations.

9.4 Monitoring, reporting and auditing

This section describes how the Project will monitor, report and audit compliance with the Project air quality goals.

9.4.1 Construction phase - weather conditions monitoring

To aid in the avoidance of dust generation during adverse weather conditions, weather forecasts and observations for adverse weather (e.g. winds > 36 km/hr or 20 knots) will be observed during the construction phase of the Project using existing BoM weather stations. The BoM monitoring station which is considered to be the most representative for the Project is the UQ Gatton station.

To assist with auditing and the analysis of air quality monitoring and complaints (if received), periods of adverse weather periods will be recorded in monthly environmental reports.

9.4.2 Construction phase – air quality monitoring

Visual monitoring of dust generation (visible plumes) will be undertaken throughout construction. Daily on-site inspections of dust generation will be undertaken by construction staff to monitor dust being generated on-site to inform mitigation measures. In addition, routine off-site inspection will be undertaken at sensitive receptors located near high intensity construction areas such as heavily trafficked haul roads, excavation areas and laydown areas. Visual monitoring will include checks of dust deposition on horizontal surfaces, for example on cars and window sills.

In the event that air quality complaints regarding Project construction works are received, quantitative monitoring of air quality may be required. Subject to receiver-specific requirements, monitoring could be undertaken to investigate either dust deposition or airborne particulate concentrations (TSP or PM_{10}). Monitoring site selection, duration and the pollutants monitored will be tailored to specifics of the complaint. The need for additional mitigation or appropriate corrective measures may be determined as a result of monitoring.

All relevant results (inspections, monitoring, corrective measures and follow-up) will be included in the regular environmental monitoring reports prepared by the construction contractor.

9.4.3 Operational phase – air quality monitoring

Quantitative air quality monitoring will be undertaken during the operation phase at a location along the alignment of the Inland Rail Program. Requirements for the air quality monitoring station will be discussed with the stakeholders of the South West Supply Chain, including QR, DES, DTMR, Queensland Resources Council and Local Councils. It is expected that the air quality monitoring station employed will be equivalent in nature to the existing monitoring stations operating as part of the South West Supply Chain *Coal Dust Management Plan*, and it is expected that the pollutant species monitored will include dust deposition and airborne concentrations of PM_{10} and TSP.

The duration of operation for the air quality monitoring station, the responsibility for the maintenance and ongoing operation of the monitoring station and the responsibility for the reporting of the monitoring station data will be discussed and agreed upon with stakeholders of the South West Supply Chain.

If a complaint related to air quality is received, investigations will be undertaken to verify the cause and nature of the complaint. Response and corrective measures will be consistent with ARTC's Environmental Management System. Requirements for operational phase monitoring will be included in an Operational Environmental Management Plan which will be developed in future stages of Inland Rail.

Requirements for operational phase monitoring will be included in an Operational Environmental Management Plan (OEMP) which will be developed in future stages of Inland Rail.

9.4.4 Operational phase - emissions reporting

Emissions reporting will be undertaken where applicable.

10 Residual impact assessment

10.1 Construction

Assessment of the residual impact of the construction phase of the Project following the implementation of the proposed mitigation measures nominated in Section 9.3 is presented in this section.

The assessment of residual impacts to sensitive receptors during the construction of the Project is presented in Table 10.1. The methodology for the residual impact assessment is summarised as follows:

- The receptor sensitivity, initial emission magnitude and initial significance for each construction activity category (demolition, earthworks, construction and trackout) presented in Table 10.1 is the assessed risk of impacts without mitigation as presented Section 6.1.5 and summarised in Table 6.6
- The residual emission magnitude has been determined qualitatively based on the anticipated reduction to construction dust emissions considering the available mitigation measures and the nominated control efficiencies presented in Table 9.2
- The residual significance (residual impact) has been determined using the IAQM risk matrix for each construction activity (refer Table 6.5) considering the residual emission magnitudes assigned for each activity and receptor sensitivity.

Table 10.1 shows that following the IAQM risk matrix, the residual significance with the proposed mitigation measures is low or negligible.

The IAQM construction dust assessment guidance states:

> *For almost all construction activity, the aim should be to prevent significant effects on sensitive receptors through the use of suitable and effective mitigation. Experience shows that this is normally possible. Hence the residual effect will normally be "not significant".*

Consistent with the IAQM statement, it is expected that with implementation of the proposed mitigation measures the impacts to air quality with respect to dust deposition and human health will not be significant.

Table 10.1 Initial and residual significance assessment for potential air quality impacts associated with construction

Activity	Aspect[a]	Potential impact	Receptor sensitivity	Initial significance[b]		Residual significance[c]	
				Emission magnitude	Significance	Emission magnitude	Significance
Demolition	All dust generating sources associated with demolition	Dust deposition[d]	Medium	Small	Low	Small	Low
		Human health	Medium	Small	Low	Small	Low
Earthworks associated with pre-construction and construction phase	All dust generating sources associated with pre-construction and construction phase earthworks	Dust deposition[d]	Medium	Large	Medium	Small	Low
		Human health	Medium	Large	Medium	Small	Low
Construction	All dust generating sources associated with construction phase for the Project	Dust deposition[d]	Medium	Large	Medium	Small	Low
		Human health	Medium	Large	Medium	Small	Low
Trackout associated with pre-construction and construction phase	All dust generating sources associated with pre-construction and construction phase traffic associated with the Project	Dust deposition[d]	Medium	Large	Medium	Medium	Low
		Human health	Medium	Large	Medium	Medium	Low

Table notes:

a Refer to Table 9.2 for reference to the proposed additional mitigation measures relevant to each aspect.
b Assumes the inclusion of the initial mitigations specified in Table 9.1.
c Assessment of residual risk of impact once the additional mitigation measures identified in Table 9.2 have been applied.
d Dust deposition addresses nuisance and the potential impact to the environmental value of the aesthetic environment.

10.2 Operation

A quantitative (compliance) assessment has been undertaken for potential operational impacts, as predicted concentrations at sensitive receptors have been assessed against legislative and other nominated air quality and water quality goals.

The assessment of the operational phase of the Project for residual impacts to air quality and water tank quality (refer Sections 7.1 and 7.2) has determined that compliance is predicted for all air quality and water quality goals. Compliance with the adopted air quality goals requires that veneering is implemented to coal train services based on the volume of coal trains assessed. The implementation of veneering to coal train services is consistent with the current operation of the QR West Moreton System rail corridor.

Therefore, with the inclusion of veneering the operation of the Project is expected to comply with the adopted air quality and water quality goals and is not expected to significantly adversely impact environmental values, including human health and the aesthetic environment.

11 Conclusions

An AQIA has been conducted to determine the potential impacts of the Project on air quality and water tank quality. The AQIA was undertaken to satisfy the ToR for the EIS.

The AQIA consisted of the following tasks:

- Identification of peak and typical operational train movements for the year 2040
- Analysis of the expected construction and operational activities which may impact air quality
- Identification of the relevant environmental values for the air environment and establish air quality goals to protect or enhance the identified environmental values
- Discussion of existing air quality and local meteorology
- Identification of potential sources of Project air emissions
- Identification of nearby existing potentially affected sensitive receptors
- A qualitative risk assessment of air emissions resulting from the construction phase
- A quantitative dispersion modelling assessment of operational emissions associated with freight rail movements, including prediction of pollutant concentrations in rainwater water tanks
- Identification of mitigation and management measures to minimise potential air quality impacts
- Discussion of Project-specific monitoring, reporting and auditing practices which will be implemented
- Assessment of the residual impact with the implementation of the proposed mitigation measures.

A qualitative construction dust risk assessment was undertaken using the UK IAQM document *Guidance on the assessment of dust from demolition and construction* (UK IAQM 2014). The risk of dust deposition and human health impacts due to particulate matter (PM_{10}) on surrounding areas has been determined based on the scale of activities and proximity to sensitive receptors. Without mitigation, Project construction works were determined to present a medium risk. Mitigation strategies have been proposed to minimise potential impacts from the construction of the Project, and the residual impact with the implementation of these mitigation strategies has been assessed to be low or negligible. With the implementation of mitigation, it is expected that the air quality impact of construction on sensitive receptors will not be significant.

A quantitative dispersion modelling assessment was undertaken for the operational phase using the dispersion models CALPUFF and GRAL. Twelve months of meteorological input data representative for the AQIA study area was developed for use in CALPUFF. Diesel exhaust emissions from locomotives and fugitive emissions from coal trains were estimated for projected peak and typical train volumes for the Project in 2040. Ground level concentrations for all pollutant species of interest including TSP, PM_{10}, $PM_{2.5}$, NO_2, VOCs and heavy metals were predicted at sensitive receptors and assessed against air quality goals.

The results showed that compliance is predicted for all pollutant species for both the typical and peak traffic volume scenarios with the inclusion of veneering to coal trains. Veneering to coal trains is consistent with the current operation of the QR West Moreton System rail corridor.

Investigation into the deposition of dust emissions at sensitive receptor locations showed that predicted pollutant water concentrations would be compliant with the NHMRC *Australian Drinking Water Guidelines* (2018).

The potential impact of odour from agricultural trains using the alignment has been assessed qualitatively using FIDOL factors. Odour impacts from agricultural trains are not expected to be significant.

The AQIA undertaken for the Project demonstrates that with appropriate mitigation in place, the construction and operation of the Project can be managed to in a way that air quality impacts to nearby sensitive receptors are minimised to an acceptable level and that the impacts of the Project on the environmental values of the air environment are not significant. A CEMP and OEMP will be required for the Project to manage potential impacts.

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APPENDIX K

Air Quality Technical Report

Appendix A Meteorological Data

HELIDON TO CALVERT ENVIRONMENTAL IMPACT STATEMENT

Appendix A
Meteorological Data

El Niño-Southern Oscillation

For Australia, the El Niño-Southern Oscillation (ENSO) has the strongest effect on year to year climate variability, mostly affecting rainfall and temperature. El Niño incidences represent periods of unusually warm Pacific Ocean conditions along the western coast of South America, which frequently presents as high rainfall events in South America and drought conditions for Australia. Conversely, La Niña periods represent cooler ocean surface temperatures along the western coast of South America and increase the likelihood of drought conditions locally and high rainfall periods in Australia.

The Southern Oscillation Index (SOI), Oceanic Niño Index (ONI), and Multivariate ENSO Index (MEI) are measures that indicate episodes of El Niño and La Niña. Due to differences in methodology each of these aforementioned indices can have slightly differing results. In order to provide a robust investigation of ENSO periods, monthly results from each of these measures have been analysed.

The SOI is defined as the standardized differences in barometric readings from Darwin, Australia and Tahiti. Sustained negative SOI values of below -7 often present as El Niño episodes, and positive SOI values above 7 are associated with La Niña. Figure A1 presents the monthly SOI values for the period of 2008 to 2017. Several episodes of El Niño and La Niña have been documented by BoM for this period. These include the following:

- El Nino periods in 2015 – 2016 and 2009 – 2010
- La Nina periods in 2010 – 2012 and 2008 – 2009.

From review of the monthly SOI, three years have been identified as being relatively neutral. These include 2013, 2014, and 2017, which were measured to have seven, five, and eight months of the year to be neutral in terms of the SOI, respectively.

The ONI is the primary indicator utilised by the National Oceanic and Atmospheric Administration (NOAA) in the USA to monitor the strength of ENSO. ONI is based upon the averages in sea surface temperature anomalies in an area of the east-central equatorial Pacific Ocean, which is called the Niño-3.4 region. The index consists of a monthly 3-monthly running mean in order to better isolate variability closely related to the ENSO phenomenon. Threshold values of +/- 0.5°C indicate periods of higher likelihood for El Niño and La Niña respectively.

For the period of 2007 to 2018 the following El Niño and La Niña periods have been identified by NCEP utilising the ONI index.

- 2007 – 2008 Strong La Niña
- 2008 – 2009 Weak La Niña
- 2009 – 2010 Moderate El Niño
- 2010 – 2011 Strong La Niña
- 2011 – 2012 Moderate La Niña
- 2014 – 2015 Weak El Niño
- 2015 – 2016 Very Strong El Niño
- 2016 – 2017 Weak La Niña
- 2017 – 2018 Weak La Niña.

The period of 2012 to 2013 and 2013 to 2014 represent the only years that have been neutral in terms of ENSO utilising the ONI measure for the years 2007 to 2018.

The Multivariate ENSO Index (MEI) utilises six main observed variables of the tropical Pacific. These six variables are: sea-level pressure, zonal and meridional components of surface wind, sea surface temperature, and total cloudiness fraction of the sky. Negative values of the MEI represent the cold ENSO phase, La Niña, while positive MEI values represent the warm ENSO phase (El Niño). From review of the MEI monthly values, significant periods of La Niña are observed for 2008, 2010-2011, and El Niño for 2009 and 2014 to 2016. Weaker periods of El Niño in 2012 and the first half of 2017 were recorded. Neutral conditions were observed for 2013 utilising the MEI measure.

Utilising the SEI, ONI, and MEI measures for ENSO, agreeance can be seen on which years represent periods of El Niño or La Niña. The three indices show that the year 2013 was relatively neutral in terms of ENSO. Therefore, the year 2013 represents an ideal candidate for selection of meteorological period that is relatively unaffected by variances in weather due to ENSO.

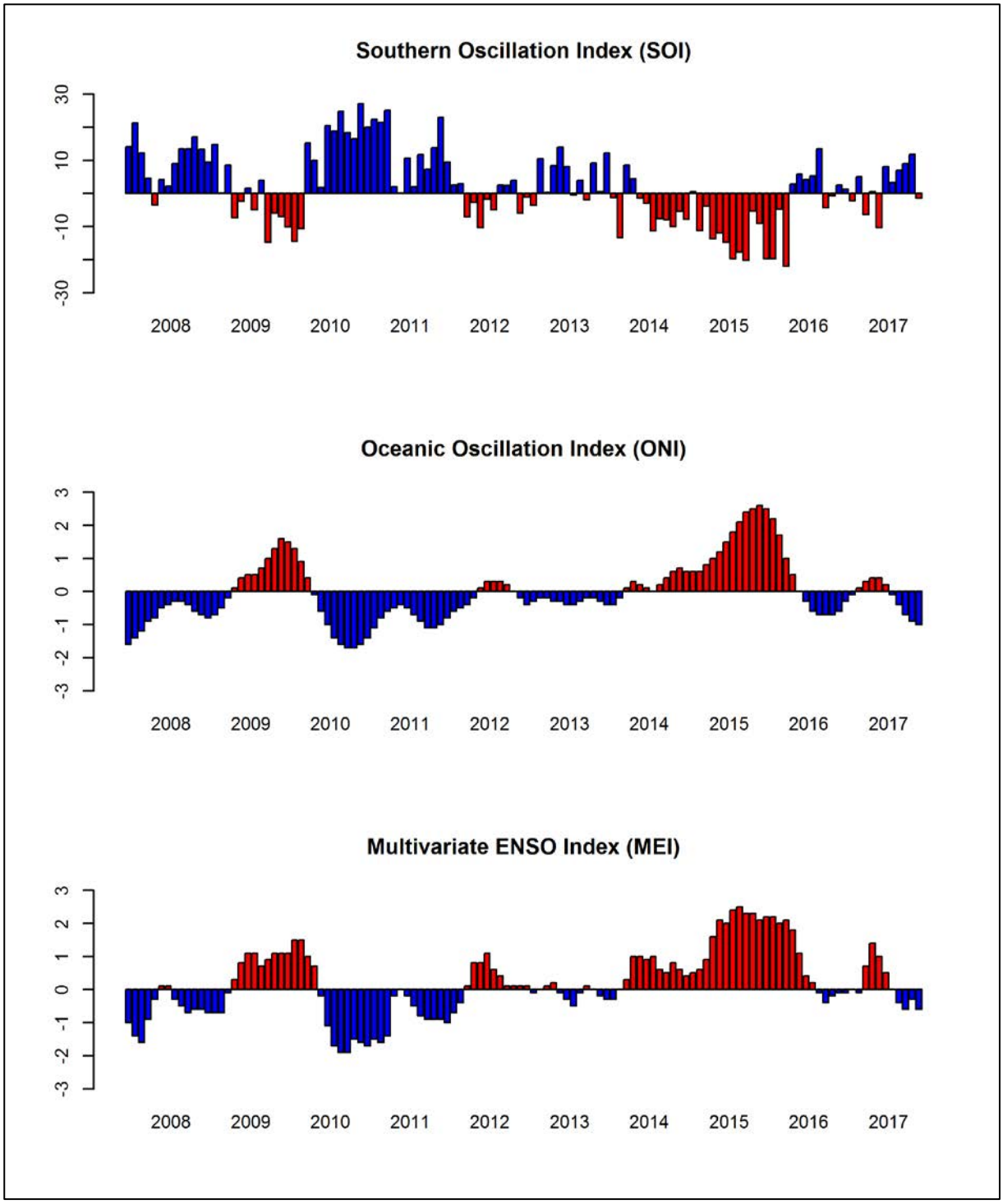


Figure A1 **Comparison of Monthly SOI, ONI, and MEI for 2008 to 2017 (red indicating higher likelihood of El Niño conditions, and blue indication higher likelihood of La Niña conditions)**

University of Queensland Gatton Meteorological Data

Table A1 and Figure A2 contain a summary of the meteorological data for the BoM UQ Gatton monitoring station.

Table A1 shows that the warmest temperatures occur in summer, with the average maximum temperature recorded in January (31.6°C). July is the coldest month with an average minimum temperature of 6.2°C. Rainfall is highest in January (mean rainfall of 110.1 mm) and lowest in August (mean rainfall of 26.7 mm). Annual average rainfall is 770.2 mm.

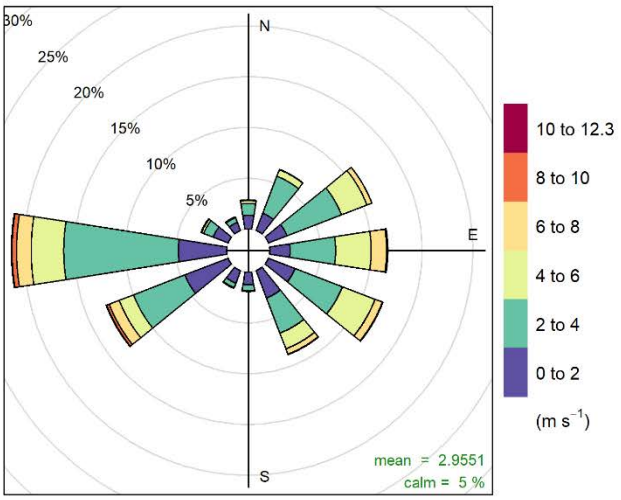
The wind roses presented in Figure A2 show the following patterns:

- The predominant wind direction is westerlies.
- The proportion of calm conditions is 5 per cent, with a higher proportion of calms during the night-time (8 per cent) compared to the daytime (2.1 per cent)
- Winter winds are predominantly westerlies, with a heavy dominance of winds from this direction
- Spring winds are predominantly westerlies but include a range of easterly wind conditions
- Summer winds are predominantly easterly, with south-easterly, easterly and north-easterly winds dominant
- Autumn wind conditions are similar to spring conditions and are predominantly westerlies with some easterly wind conditions also prevalent.

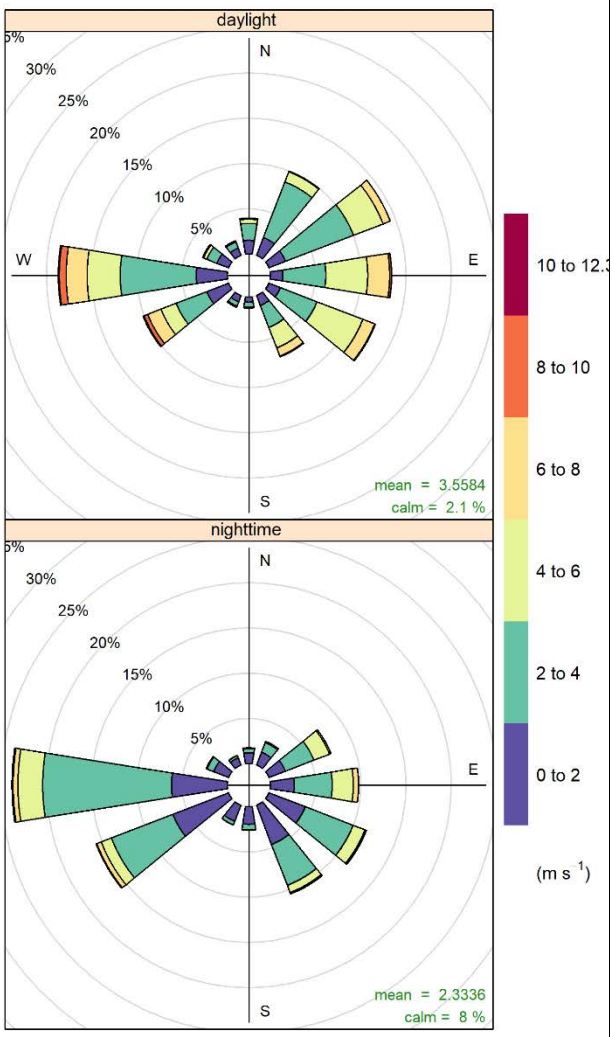
CALMET generated wind roses for the western and eastern portals of the Little Liverpool Range tunnel are presented in Figure A3 and Figure A4.

Table A1 Meteorological data for the Bureau of Meteorology UQ Gatton station (1913 to 2019)

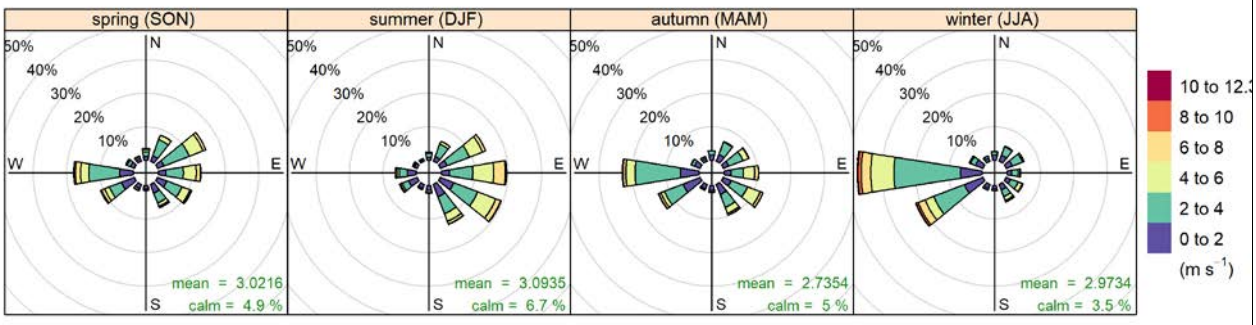
Statistics	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Temperature													
Mean maximum temperature (°C)	31.6	30.8	29.6	27.2	23.8	21.1	20.8	22.5	25.6	28.2	30.2	31.3	26.9
Highest temperature (°C)	44.5	45.7	39.5	37.4	33.7	31.5	29.0	37.9	39.5	41.6	42.8	42.0	45.7
Mean minimum temperature (°C)	19.1	19.0	17.3	13.7	10.2	7.6	6.2	6.7	9.5	13.2	16.0	18.1	13.0
Lowest temperature (°C)	11.9	8.3	6.7	3.2	-0.2	-2.4	-5.6	-1.9	0.0	4.3	6.3	8.8	-5.6
Rainfall													
Mean rainfall (mm)	110.1	99.4	79.3	48.6	45.4	41.7	36.4	26.7	34.8	65.0	78.5	99.2	770.2
Highest rainfall (mm)	452.9	307.3	323.4	324.1	443.5	319.6	306.4	94.8	190.5	269.0	321.2	317.0	1241.4
Decile 5 (median) rainfall (mm)	94.9	84.5	72.0	35.9	27.2	25.7	26.2	21.1	27.4	51.8	72.2	82.9	773.1
Mean number of days of rain ≥ 1 mm	8.1	7.6	7.4	4.8	4.6	4.0	3.8	3.6	4.0	6.2	6.6	8.0	68.7



Frequency of counts by wind direction (%)

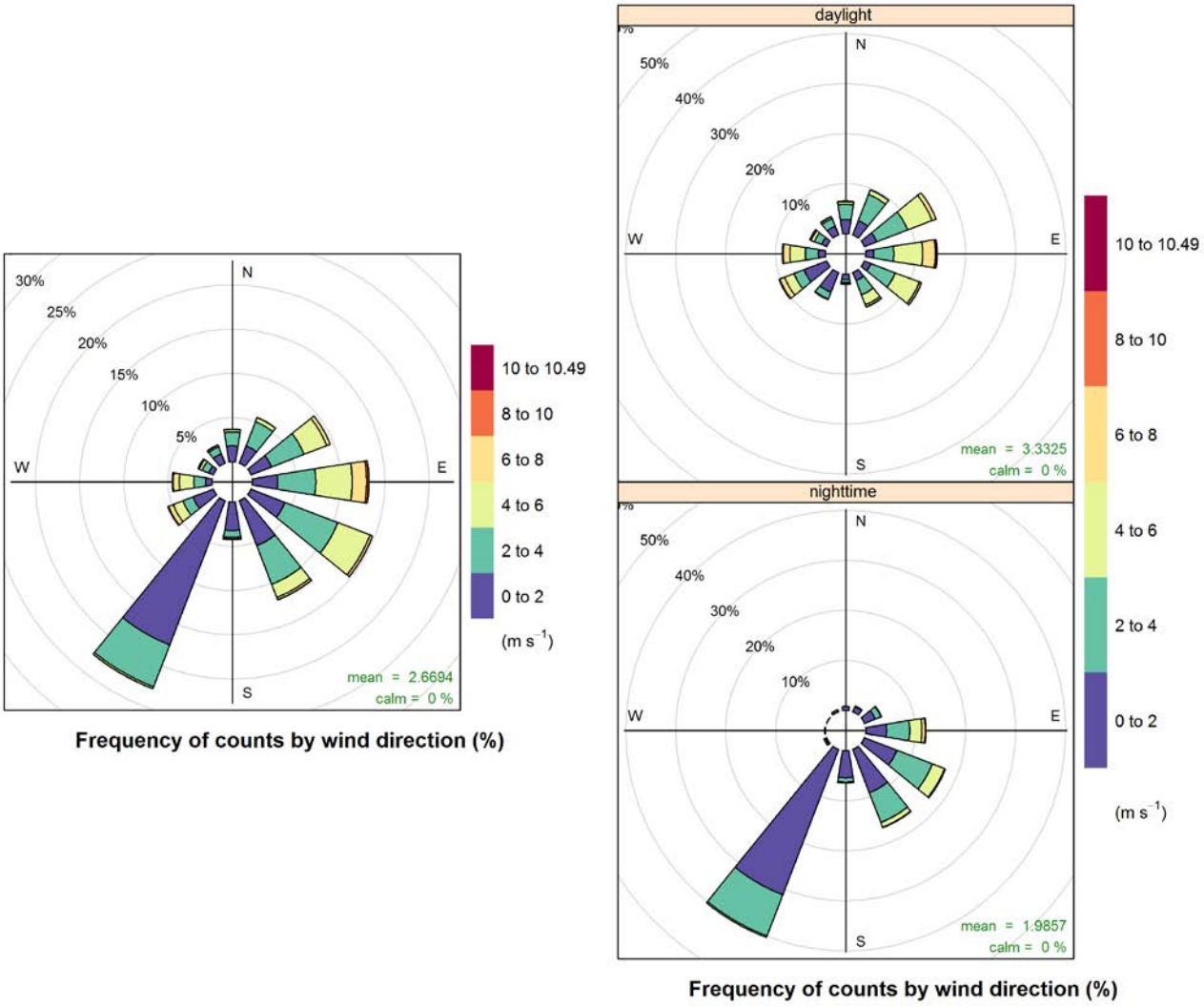


Frequency of counts by wind direction (%)



Frequency of counts by wind direction (%)

Figure A2 **Bureau of Meteorology UQ Gatton station wind roses for 2010 to 2017: all hours (top left); daylight hours (top right); and seasons (bottom)**



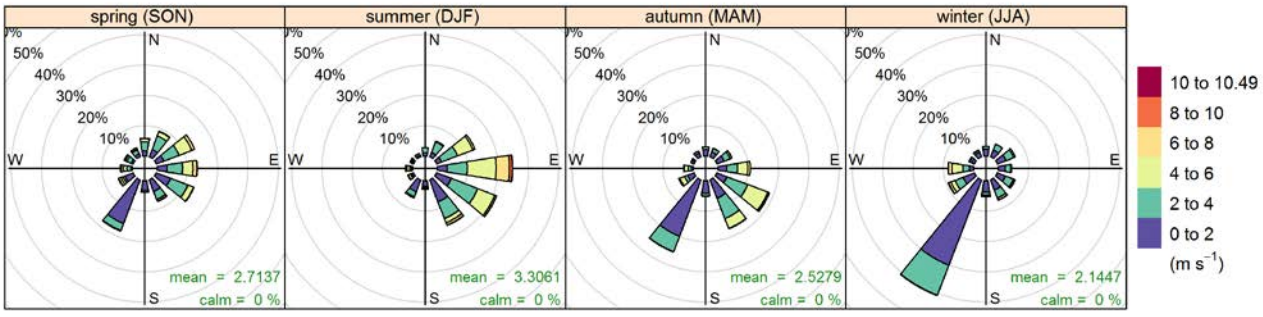
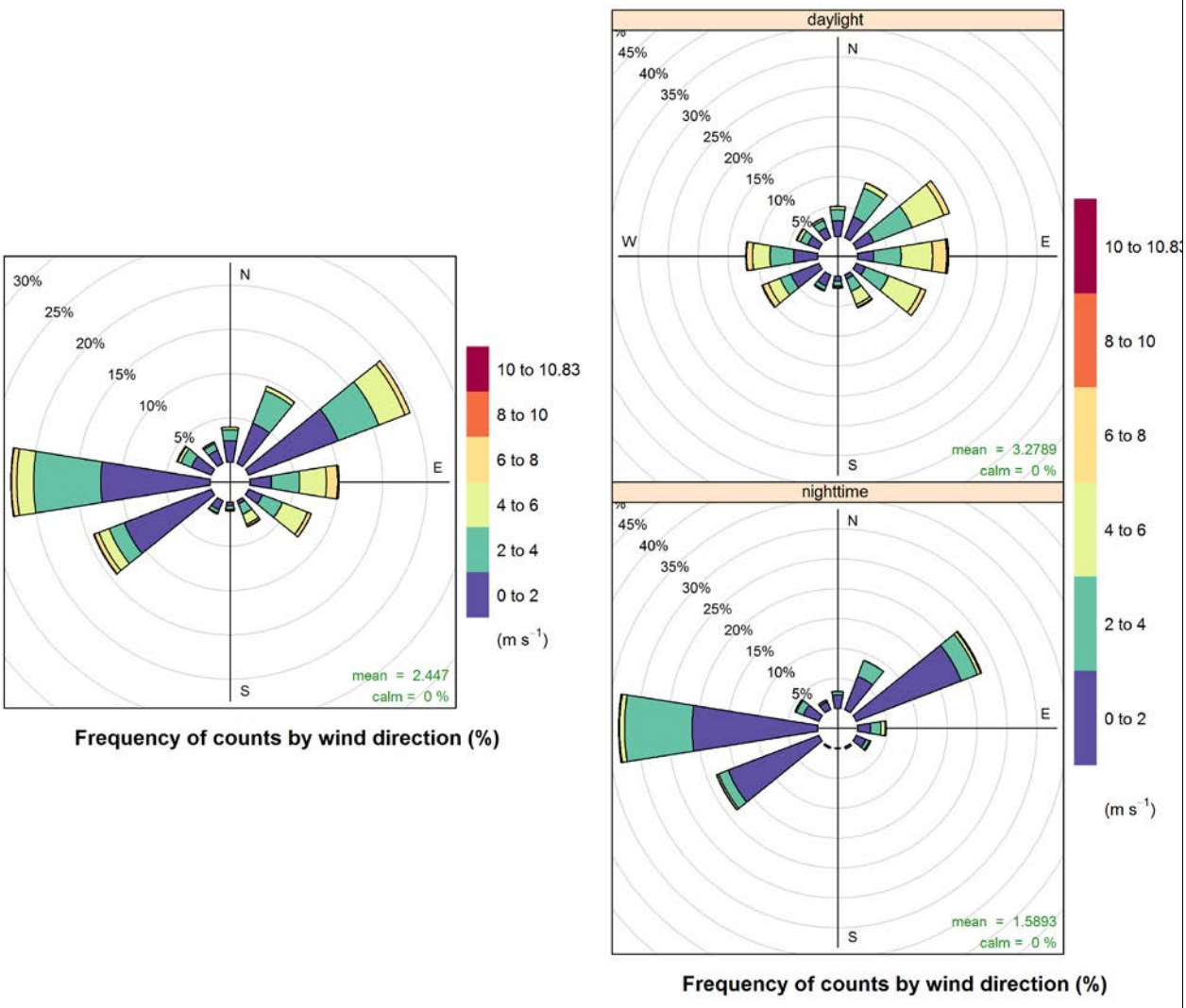


Figure A3 **CALMET Generated wind roses for 2013 for the western portal of the Little Liverpool Range tunnel: all hours (top left); daylight hours (top right); and seasons (bottom)**



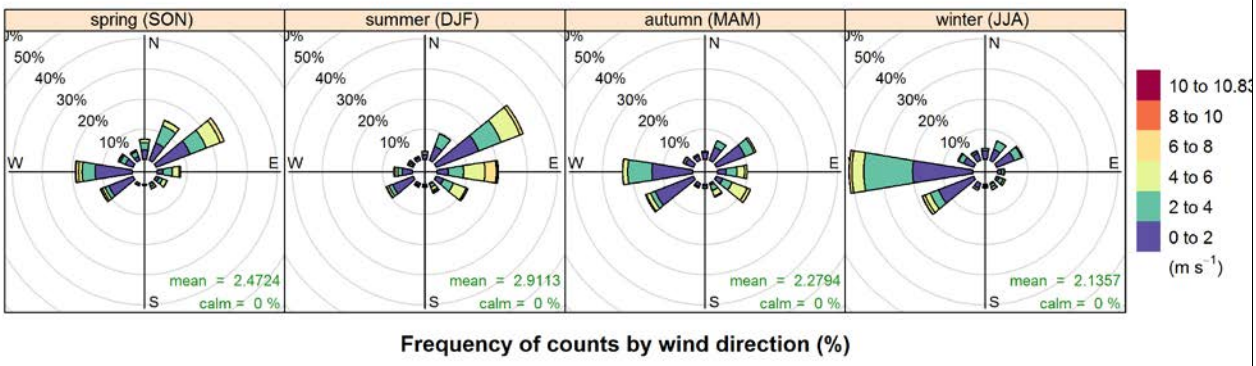


Figure A4 **CALMET Generated wind roses for 2013 for the eastern portal of the Little Liverpool Range tunnel: all hours (top left); daylight hours (top right); and seasons (bottom)**

Atmospheric stability

Stability is a measure of the convective properties of a parcel of air. Stable conditions occur when convective processes are low, while unstable conditions are associated with stronger convective processes, which are associated with potentially rapid changes in temperature. Stable atmospheres occur when a parcel of air is cooler than the surrounding environment, so the parcel of air (and any pollution within it) sinks. Conversely, unstable atmospheres occur when a parcel of air is warmer than the surrounding environment, making the parcel of air buoyant and, subsequently, leading to the parcel of air rising.

In addition to the hourly stability class charts presented in Section 5.2.4, stability class data extracted from the CALMET files at locations representing the BoM UQ Gatton station and at the western and eastern portals of the Little Liverpool Range tunnel are presented in Figure A5 to Figure A7.

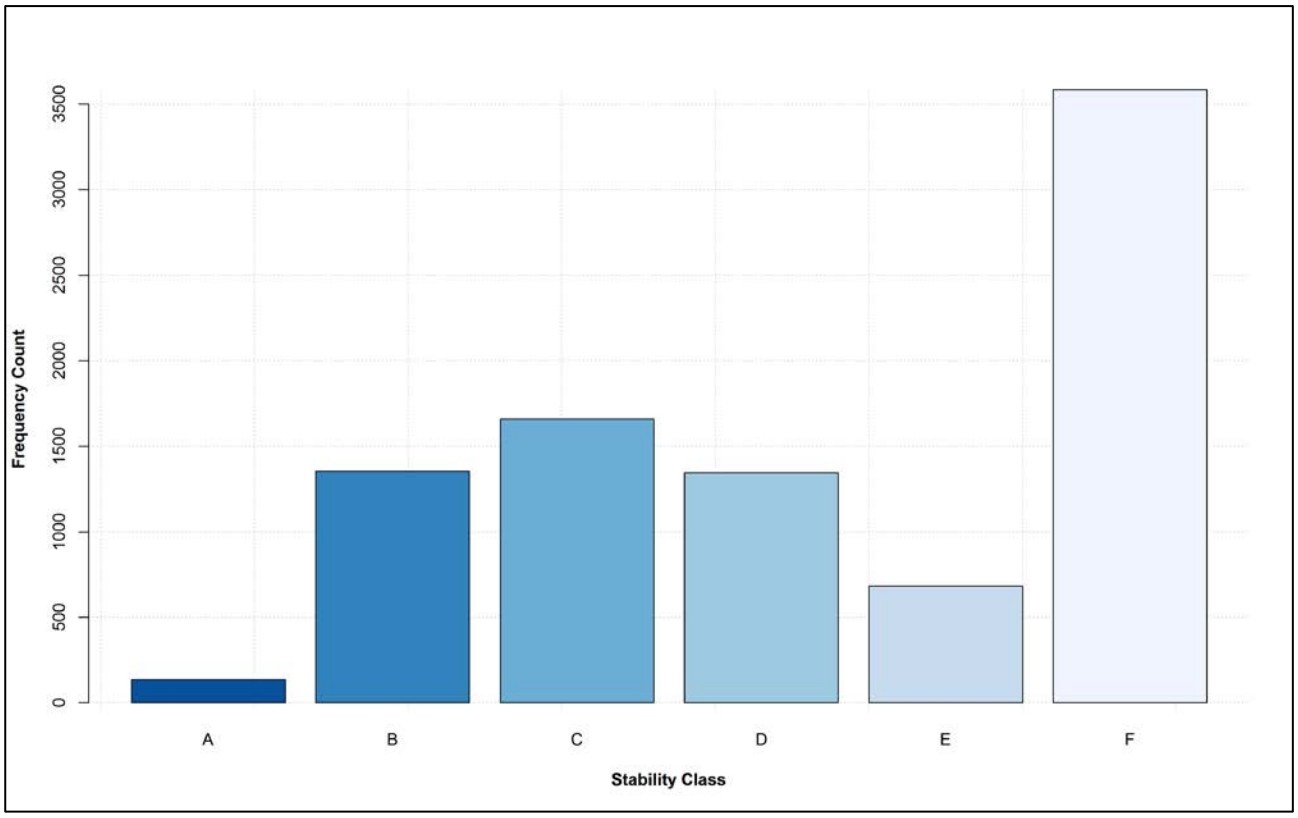


Figure A5 **Hourly stability class frequency generated by CALMET for the Bureau of Meteorology UQ Gatton station site (2013)**

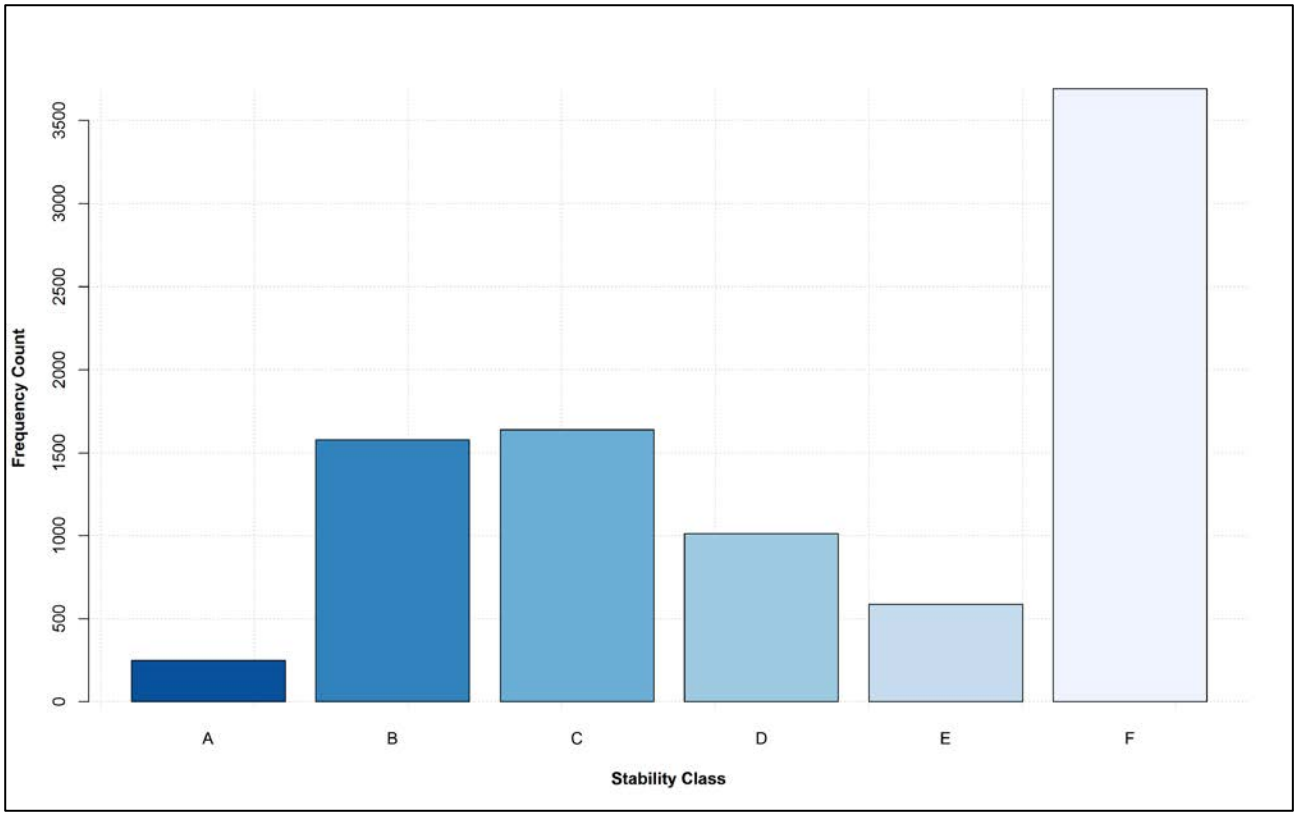


Figure A6 **Hourly stability class frequency generated by CALMET for the western portal of Little Liverpool Range tunnel (2013)**

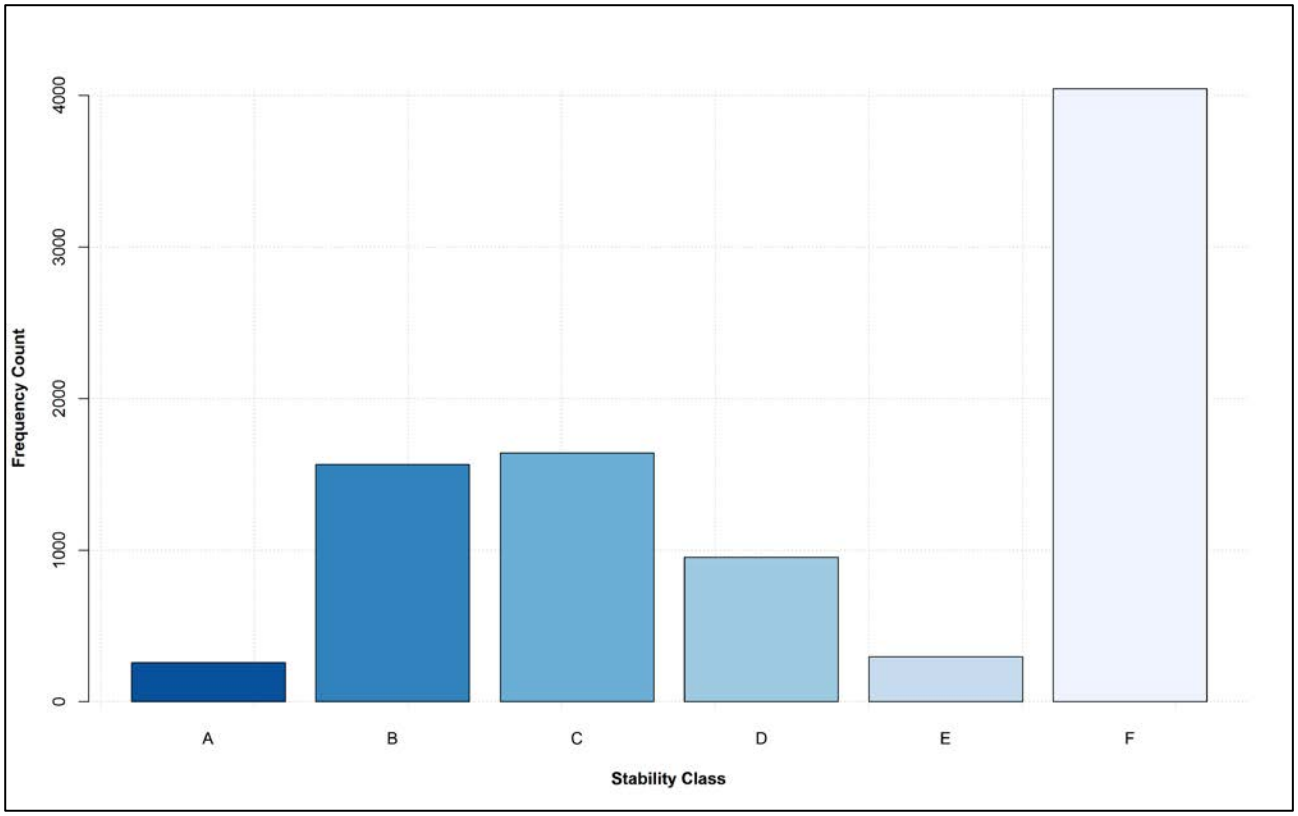


Figure A7 **Hourly stability class frequency generated by CALMET for the eastern portal of Little Liverpool Range tunnel (2013)**

APPENDIX

K

Air Quality Technical Report

Appendix B Dispersion Model Details

HELIDON TO CALVERT ENVIRONMENTAL IMPACT STATEMENT

IR_1381

Appendix B
Dispersion Model Details

Dispersion modelling uses mathematical equations to characterise atmospheric processes, which disperse a pollutant emitted by a source. Based on emissions and meteorological inputs, dispersion models can be used to predict concentrations at selected downwind receiver locations. Air quality models are used to determine compliance with air quality standards. Two well-known and internationally used US EPA guideline models were used in this assessment - CALPUFF and CALROADS. Details of both these models can be found on the US EPA SCRAM (Support Centre for Regulatory Atmospheric Modelling) Bulletin board. The models are addressed in Appendix A of the US EPA's *Guideline on Air Quality Models* (also published as Appendix W.pdf) of 40 CFR Part 51.

Dispersion models

Two dispersion models are recommended for regulatory assessments in Australia and New Zealand, which are CALPUFF and AERMOD. AERMOD has recently replaced AUSPLUME as the guideline model for all near-field, steady state modelling applications in Victoria. CALPUFF is recommended for use for all modelling applications where the steady state assumption does not apply; this includes complex terrain and coastal environments. A major difference between AERMOD and CALPUFF is in the models' treatment of meteorology. AERMOD is a 2-dimensional model where the effects of one single surface station and one single upper air station are assumed to be spatially uniform across the entire modelling region in its meteorological processor. In contrast, CALMET (CALPUFF's meteorological module) is a 3-dimensional model and is able to use the output of numerical prognostic meteorological models as well as multiple observation sites to assist in the development of three-dimensional wind fields.

Overview of the CALPUFF suite of models

The CALPUFF modelling system provides a non-steady state modelling approach, which evaluates the effects of spatial changes in the meteorological and surface characteristics. It offers the ability to treat stagnation, multiple-hour pollutant build-up, recirculation and causality effects, which are beyond the capabilities of steady-state models. The CALPUFF modelling system was adopted by the U.S. EPA as a guideline model for long range transport applications and, on a case-by-case basis, for near-field applications involving complex flows (Federal Register, April 15, 2003, pp 18,440-18,482). CALPUFF is also recommended by both the Federal Land Managers Air Quality Workgroup (FLAG 2000, 2008) and the Interagency Workgroup on Air Quality Modelling (IWAQM 1998). It was adopted for world-wide use by the United Nations International Atomic Energy Agency (IAEA). CALPUFF is widely used in many countries (over 100 countries) throughout the world and has been incorporated as a regulatory model in several countries.

The CALPUFF modelling system includes three main components - CALMET, CALPUFF and CALPOST - and a large set of pre-processing programs designed to interface the model to standard, routinely-available meteorological and geophysical datasets. In simple terms, CALMET is a meteorological model, which develops hourly wind and temperature fields on a three-dimensional gridded modelling domain. CALPUFF is a transport and dispersion model, which advects "puffs" of material emitted from modelled source, simulating dispersion and transformation processes along the way. In doing so, it uses the fields generated by CALMET. The primary output files from CALPUFF contain either hourly concentrations or hourly deposition fluxes evaluated at selected receiver locations. CALPOST is used to process these files, producing summaries of the results of the simulation.

CALMET overview

CALMET is a diagnostic meteorological model, which produces three-dimensional wind fields based on parameterised treatments of terrain effects such as slope flows and terrain blocking effects. Meteorological observations are used to determine the wind field in areas of the domain within which the observations are representative. Fine scale terrain effects are determined by the diagnostic wind module in CALMET.

The CALMET meteorological model consists of a diagnostic wind field module and micrometeorological modules for overwater and overland boundary layers (Scire et al 2000). When using large domains, the user has the option to adjust input winds to a Lambert Conformal Projection coordinate system to account for the Earth's curvature. The diagnostic wind field module uses a two-step approach to the computation of the wind fields (Douglas and Kessler 1988). In the first step, an initial-guess wind field is adjusted for kinematic effects of terrain, slope flows, and terrain blocking effects to produce a Step 1 wind field. The second step consists of an objective analysis procedure to introduce observational data into the Step 1 wind field in order to produce a final wind field. An option is provided to allow gridded prognostic wind fields to be used by CALMET, which may better represent regional flows and certain aspects of sea breeze circulations and slope/valley circulations. The prognostic data (as a 3D.DAT file) can be introduced into CALMET in three different ways:

- As a replacement for the initial guess wind field
- As a replacement for the Step 1 field
- As observations in the objective analysis procedure.

The techniques used in the CALMET model are briefly described below.

Step 1 wind field

Kinematic effects on terrain: CALMET uses the approach of Liu and Yocke (1980) to evaluate kinematic terrain effects. The domain-scale winds are used to compute a terrain-forced vertical velocity, subject to an exponential stability-dependent decay function. The kinematic effects of terrain on the horizontal wind components are evaluated by applying a divergence-minimisation scheme to the initial guess wind field. The divergence minimisation scheme is applied iteratively until the three-dimensional divergence is less than a threshold value.

Slope flows. Slope flows are computed based on the shooting flow parameterisation of Mahrt (1982). Shooting flows are buoyancy-driven flows, balanced by advection of weaker momentum, surface drag and entrainment at the top of the slope flow layer. The slope flow is parameterised in terms of the terrain slope, distance to the crest and local sensible heat flux. The thickness of the slope flow layer varies with the elevation drop from the crest.

Blocking effects. The thermodynamic blocking effects of terrain on the wind flow are parameterised in terms of the local Froude number (Allwine and Whiteman 1985). If the Froude number at a particular grid point is less than a critical value and the wind has an uphill component, the wind direction is adjusted to be tangential to the terrain.

Step 2 wind field

The wind field resulting from the adjustments of the initial guess wind described above is the Step 1 wind field. The second step of the procedure involves the introduction of observational data into the Step 1 wind field through an objective analysis procedure. An inverse-distance squared interpolation scheme is used, which weighs observational data heavily in the vicinity of the observational station, while the Step 1 wind field dominates the interpolated wind field in regions with no observational data. The resulting wind field is subject to smoothing, an optional adjustment of vertical velocities based on the O'Brien (1970) method, and divergence minimisation to produce final Step 2 wind fields.

Overview of CALPUFF

CALPUFF is a non-steady-state puff dispersion model. It accounts for spatial changes in the meteorological fields, variability in surface conditions such as (elevation, surface roughness, vegetation type), chemical transformation, wet removal due to rain and snow, dry deposition and terrain influences on plume interaction with the surface. CALPUFF can simulate the effects of time- and space-varying meteorological conditions on pollutant transport, transformation and removal. CALPUFF contains algorithms for near-source effects, such as building downwash, transitional plume rise, partial plume penetration, sub-grid scale terrain interactions, as well as longer range effects, such as pollutant removal (wet scavenging and dry deposition), chemical transformation, vertical wind shear, overwater transport and coastal interaction effects. It can accommodate arbitrarily-varying point source and gridded area source emissions. The major features of CALPUFF model are detailed below (after Scire et al 2000).

Major features of the CALPUFF model

- Source types
  - Point sources (constant or variable emissions)
  - Line Sources (constant or variable emissions)
  - Area Sources (constant or variable emissions)
  - Volume sources (constant or variable emissions)
- Non-steady-state emissions and meteorological conditions
  - Gridded 3D fields of meteorological variables
  - Spatially variable 3D fields of mixing height, friction velocity, convective velocity scale, Monin-Obukhov length, precipitation rate
  - Vertically and horizontally-varying turbulence and dispersion rates
  - Time-dependent source and emissions data
- Efficient sampling functions
  - Integrated puff formulation
  - Elongated puff (slug) formulation
- Dispersion coefficient options
  - Direct measures of sigma v and sigma w
  - Estimated values of sigma v and sigma w based on similarity theory
  - PG dispersion coefficients (rural areas)
  - McElroy Pooler dispersion coefficients (urban areas)
  - CTDM dispersion coefficients (neutral/stable)
- Vertical wind shear
  - Puff Splitting
  - Differential advection and dispersion
- Plume Rise
  - Partial penetration
  - Buoyant and momentum rise
  - Stack tip downwash effects
  - Vertical wind shear

- Building downwash effects
- Building downwash
  - Huber-Snyder method
  - PRIME downwash
  - Schulman Scire method
- Dry deposition
  - Gases and particulate matter
  - Three options
    - Full treatment of space and time variations of deposition with a resistance model
    - User-specified diurnal cycles for each pollutant
    - No dry deposition
- Overwater and coastal interaction effects
  - Overwater boundary layer parameters
  - Abrupt change in meteorological conditions, plume dispersion at coastal boundary
  - Plume fumigation
  - Option to introduce sub grid scale TIBLs into coastal grid cells
- Chemical transformation options
  - Pseudo-first-order chemical mechanism for SO_2, SO_4, NO_x HNO_3 and NO_3 (MESOPUFF II method)
  - User specified diurnal cycles of transformation rates
  - No chemical conversion
  - Wet Removal
  - Scavenging coefficient approach
  - Removal rate a function of precipitation intensity and precipitation type.

Overview of GRAL

Given the physical complexity of the rail line and the surrounding terrain, the use of a complex dispersion model able to predict concentrations in the near field is required. The common models used in Victoria for complex modelling scenarios (AERMOD and CALPUFF) do not perform well within 100m, in complex terrain and urban canyons and therefore an alternative model is proposed. The GRAL model has therefore been used for the assessment of the detailed modelling scenarios.

GRAL is a Lagrangian Particle model developed at the Institute for Internal Combustion Engines and Thermodynamics, Technical University Graz, Austria specifically to assess the dispersion of pollutants from roadways and tunnel portals (Oettl et al. 2002; Oettl et al. 2003; Oettl et al. 2005). GRAL has been extensively evaluated against experimental data from five different tunnel portals both in flat and complex terrain, with high and low traffic volumes, namely the Enrei, Hitachi and Ninomiya tunnels in Japan (Oettl et al. 2003), and the Enrentalerbergtunnel in Austria (Oettl et al. 2002). GRAL has also been compared to other models (ADMS, LASAT, MUMO).

SF_6 tracer experiments performed over two days in the vicinity of a road tunnel portal in Austria showed that the jet stream from the tunnel portals was highly dependent on the ambient wind field. The changing ambient wind field direction (meandering) causes the jet stream of the tunnel portal to change its position in the order of tens of metres, while the characteristic length scale of eddies evolving at the surface between the jet stream and the ambient wind field are of the order of some metres. This specific effect was found to be more important than the diffusion due to shear stresses along the surface between the jet stream and the ambient wind field. GRAL was developed from these experiments, and specifically describes these features in its modelling equations.

Of particular note, the GRAL model have algorithms that effectively consider dispersion in low wind speed conditions, which is a particular advantage over Gaussian plume models and for the consideration of fine scale modelling domains.

The GRAL model requires a range of data inputs that need to be defined prior to running the model. The data required for a run can be broadly categorised as follows:

- Terrain data
- Land use data
- Building data
- Meteorological data.

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Appendix C Example Emissions Inventory

HELIDON TO CALVERT ENVIRONMENTAL IMPACT STATEMENT

Appendix C

Example Emissions Inventory

Table C1 **Locomotive power used by train service and locomotive type for peak operations**

Train service	Cargo type	Trains per week	Loco-motives per train	Average speed	Average travel time	Direction of travel	Total locomotives per week				Total locomotive power per week (kWh)			
							NR Class	SCT Class	Class 82	PR22L	NR Class	SCT Class	Class 82	PR22L
MB Express (Bromelton)	Freight	7	3	86	0.56	East	21	-	-	-	9,621	-	-	-
MB Express (Bromelton)	Freight	7	3	86	0.56	West	21	-	-	-	9,621	-	-	-
MB Express (Acacia Ridge)	Freight	7	3	86	0.56	East	21	-	-	-	9,621	-	-	-
MB Express (Acacia Ridge)	Freight	7	3	86	0.56	West	21	-	-	-	9,621	-	-	-
GB Superfreighter (Bromelton)	Freight	11	2	86	0.56	East	-	22	-	-	-	10,079	-	-
GB Superfreighter (Bromelton)	Freight	11	2	86	0.56	West	-	22	-	-	-	10,079	-	-
GB Superfreighter (Acacia Ridge)	Freight	5	2	86	0.56	East	-	10	-	-	-	4,581	-	-
GB Superfreighter (Acacia Ridge)	Freight	5	2	86	0.56	West	-	10	-	-	-	4,581	-	-
MB Superfreighter (Bromelton)	Freight	20	2	86	0.56	East	-	40	-	-	-	18,325	-	-
MB Superfreighter (Bromelton)	Freight	20	2	86	0.56	West	-	40	-	-	-	18,325	-	-
MB Superfreighter (Acacia Ridge)	Freight	4	2	86	0.56	East	-	8	-	-	-	3,665	-	-
MB Superfreighter (Acacia Ridge)	Freight	4	2	86	0.56	West	-	8	-	-	-	3,665	-	-
Narrabri to Fisherman Islands Grain (POB)	Grain	12	2	60	0.80	East	-	-	24	-	-	-	15,806	-
Narrabri to Fisherman Islands Grain (POB)	Grain	12	2	60	0.80	West	-	-	24	-	-	-	15,806	-
Oakey to Fisherman Island Grain (POB)	Grain	12	2	60	0.80	East	-	-	24	-	-	-	15,806	-
Oakey to Fisherman Island Grain (POB)	Grain	12	2	60	0.80	West	-	-	24	-	-	-	15,806	-
Yelarbon to Fisherman Islands Grain (POB)	Grain	12	3	60	0.80	East	-	-	36	-	-	-	23,708	-

Train service	Cargo type	Trains per week	Loco-motives per train	Average speed	Average travel time	Direction of travel	Total locomotives per week				Total locomotive power per week (kWh)			
							NR Class	SCT Class	Class 82	PR22L	NR Class	SCT Class	Class 82	PR22L
Yelarbon to Fisherman Islands Grain (POB)	Grain	12	3	60	0.80	West	-	-	36	-	-	-	23,708	-
Yelarbon to Fisherman Islands Cotton (POB)	Cotton	3	3	60	0.80	East	-	-	9	-	-	-	5,927	-
Yelarbon to Fisherman Islands Cotton (POB)	Cotton	3	3	60	0.80	West	-	-	9	-	-	-	5,927	-
Oakey - Rosewood Livestock	Livestock	3	2	60	0.80	East	-	-	6	-	-	-	3,951	-
Oakey - Rosewood Livestock	Livestock	3	2	60	0.80	West	-	-	6	-	-	-	3,951	-
Narrabri - Fisherman Island Export (Cont) (POB)	Freight	6	2	60	0.80	East	-	-	12	-	-	-	7,903	-
Narrabri - Fisherman Island Export (Cont) (POB)	Freight	6	2	60	0.80	West	-	-	12	-	-	-	7,903	-
New Acland Coal	Coal	28	3	75	0.64	East	-	-	-	84	-	-	-	44,256
New Acland Coal	Coal	28	3	60	0.80	West	-	-	-	84	-	-	-	55,319
Kogan Creek Coal	Coal	21	3	75	0.64	East	-	-	-	63	-	-	-	33,192
Kogan Creek Coal	Coal	21	3	60	0.80	West	-	-	-	63	-	-	-	41,490
Wilkie Creek Coal	Coal	14	3	75	0.64	East	-	-	-	42	-	-	-	22,128
Wilkie Creek Coal	Coal	14	3	60	0.80	West	-	-	-	42	-	-	-	27,660
Comby Downs / Rywung Coal	Coal	28	3	75	0.64	East	-	-	-	84	-	-	-	44,256
Comby Downs / Rywung Coal	Coal	28	3	60	0.80	West	-	-	-	84	-	-	-	55,319
Westlander	Passenger	2	1	60	0.80	East	-	-	-	2	-	-	-	1,317
Westlander	Passenger	2	1	60	0.80	West	-	-	-	2	-	-	-	1,317
Toowoomba Export Containers	Freight	6	3	60	0.80	East	-	-	18	-	-	-	11,854	-
Toowoomba Export Containers	Freight	6	3	60	0.80	West	-	-	18	-	-	-	11,854	-
TOTAL		**402**	**-**	**-**	**-**	**-**	**84**	**160**	**240**	**550**	**38,483**	**73,301**	**169,910**	**326,253**

Table C2 **Total locomotive emissions (g/s) for H2C alignment for peak operations**

Pollutant	Emission rate per locomotive type (g/s)				
	NR Class	SCT Class	Class 82	PR22L	TOTAL
NOx	0.8106	1.2023	3.5791	3.2366	8.8287
TSP	0.0509	0.0727	0.2247	0.1079	0.4563
PM_{10}	0.0497	0.0710	0.2194	0.1053	0.4453
$PM_{2.5}$	0.0477	0.0681	0.2106	0.1011	0.4275
Total VOC	0.0853	0.1624	0.3765	0.7228	1.3470

Table C3 **Total locomotive and coal dust emissions (g/m/s) (with veneering) for H2C alignment for peak operations**

Pollutant	Emission rate per locomotive type (g/m/s)					
	NR Class	SCT Class	Class 82	PR22L	Coal Dust[1]	TOTAL
NOx	1.69E-5	2.50E-5	7.46E-5	6.74E-5	-	**1.84E-4**
TSP	1.06E-6	1.51E-6	4.68E-6	2.25E-6	4.99E-5	**5.94E-5**
PM_{10}	1.04E-6	1.48E-6	4.57E-6	2.19E-6	2.49E-5	**3.42E-5**
$PM_{2.5}$	9.94E-7	1.42E-6	4.39E-6	2.11E-6	3.74E-6	**1.26E-5**
Total VOC	1.78E-6	3.38E-6	7.84E-6	1.51E-5	-	**2.81E-5**

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Appendix D NO_x to NO_2 Conversion

HELIDON TO CALVERT ENVIRONMENTAL IMPACT STATEMENT

Appendix D
NO_x to NO_2 conversion

One of the challenges of modelling NOx emissions is determining the amount of NO_2 at a receiver, due to uncertainties in the conversion rates. Early studies (Hegg et al. 1977) showed that the rate of oxidation is controlled by the rate of plume mixing rather than by gas reaction kinetics. O_3 is usually the chemical that is responsible for most of the oxidation, but other reactive atmospheric gases can also oxidise NO.

Several methods were proposed for evaluating the amount of NO_2 that is formed from NO. These include:

- Total conversion
- The Ambient Ratio Method (ARM) (0.75 is the US default value) when no measured nearby NO_x/NO_2 ratios are available
- Ozone Limiting Method (OLM)
- Jansenn's equations (which assume approximately 10 per cent of all NO_x is NO_2) – used in Australia and New Zealand
- Plume Volume Molar Ratio method.

All of these methods are referenced in the Federal Guideline on Air Quality Models (GAQM) and DEC (2005).

NO_x to NO_2 conversion

In QLD, the oxidation of NO to NO_2 is typically assessed by three methods (Method 1, the most simple, to Method 3, the most complex). Method 1, which assumes 100 per cent conversion of NO to NO_2, can be used in one of two ways. A Level 1 assessment uses maximum predicted NO_x concentrations (assuming NO_x = NO_2) and maximum ambient NO_2 concentrations to determine a cumulative NO_2 concentration. If the facility fails to meet the NO_2 impact assessment objective, a Level 2 assessment is conducted, which again assumes 100 per cent conversion but with contemporaneous assessment of model predictions and ambient concentrations.

Method 2 is the OLM, where NO to NO_2 conversion is limited by the amount of ozone available. The OLM uses a simple approach to the reaction chemistry; it assumes that O_3 and NO react to form NO_2 in proportion to their ground level concentrations. That is, for each hour,

- if O_3 < NO plume,
- NO_2 plume = NO_2 initial + O_3, and if
- O_3 ≥ NO plume, NO_2 plume = NO_x plume.

Method 3 uses an empirical relationship to convert NO to NO_2 based on the equation developed by Janssen et al. (1988). The conversion is based on the distance of the receiver downwind from the source and can be used with various levels of refinement (i.e. using maxima or contemporaneous data).

NO_x to NO_2 assessment in the United States

In the United States, the first level recommended technique in the Guideline on Air Quality Models (GAQM) is to assume the total conversion of NO to NO_2. This is the same first tier level as DEC (2005). It is a conservative, first-level technique, which may lead to unnecessary control in areas where the predicted impacts are close to ambient air quality objectives.

The Ambient Ratio Method (ARM) is the second-level technique recommended in the GAQM. The ARM is defined as the ratio of the average NO_2 and NO_x ambient concentrations measured at a representative site. It uses local monitoring or a default 75 per cent ratio to find the ambient equilibrium NO_2/NO_x ratio (annual average). Theoretically, equilibrium occurs when the rate of NO2 formation equals the rate of dissociation of NO_2 by sunlight. Chu and Meyer (1991), who developed this technique, recommended that this monitoring be performed far away so that true equilibrium would occur. Unfortunately, ambient monitoring is usually insufficient for determining this ratio because ambient concentrations are frequently below the minimum monitoring threshold for NO_x (20 ppb). Further, if the monitoring is performed too close to an existing source, the ARM's assumption of equilibrium is violated, and the monitoring results are not applicable to receivers further downwind.

The third-level tier is the OLM (stated above) and a Plume Volume Molar Ratio method (PVMRM). The PVMRM method better simulates the NO to NO_2 conversion chemistry during plume expansion and is particularly well suited for the receivers located close to sources where maximum modelled NO concentrations are usually predicted. The PVMRM method follows the chemistry of the main forward reaction of NO with O_3 as it occurs during expansion of a plume segment travelling downwind:

$$NO + O_3 \rightarrow NO_2 + O_2$$

This is accomplished by computing the number of moles of NO_x and O_3 that are contained within a plume segment as it reaches a receiver. Although the PVMRM follows the same chemical reactions as those used in the OLM, it uses both plume size and O_3 concentration to derive the amount of O_3 available for the reaction. NO_x moles are determined by emission rate and travel time through the plume segment. The number of O_3 moles is determined by the size of the plume segment and the measured background O_3 concentration. This plume segment always contains the same amount of primary NO_x emissions as it travels downwind. The amount of O_3 available for reaction, however, increases as the plume segment enlarges downwind. The last approach, which is not yet included in any US Guideline criteria, is based on an empirical approach of some 3,000 co-located NOx and NO2 monitors in Europe. The approach uses a scaled approach to NO_x bins of concentration levels. This method was developed by the Atmospheric Studies Group and is included in the US EPA guideline model CALPOST. It has been used on a case-by-case basis when all other methods fail.

Concerns with and likely conservatism of the OLM

The OLM employed by the EPA (DEC 2005) was taken from the US EPA OLM, originally developed by Cole and Summerhays (1979) and Tikvart (1996). The method assumes that all the available ozone in the atmosphere will react with NO in the plume until either all the O_3 or all the NO is used up. The approach is known to be conservative. Some of the reasons for its lack of robustness and conservatism are listed below:

- The OLM approach assumes that the atmospheric reaction is instant, whereas in reality the reaction takes place over a number of hours
- The actual reactions of NO to NO_2 occur in proportion to the moles of each reactant rather than in proportion to the concentration assumed by the OLM. At constant volume, 1 ppm of a gas is proportional to 1 mole of a gas. This assumption is not valid in the open atmosphere, as there is virtually unlimited amount of O_3 available for reaction. As plumes expand downwind, more O_3 is available for reaction, and even lower concentrations of O_3 can react with NO in the plume.
- The OLM is further complicated as some of the NO_x is already converted to NO_2 upstream in the plume before it reaches the receiver
- Studies have shown that the NO_x emission rates are extremely important with respect to the rate of conversion to NO_2. The size of the plume is not affected by the NOx emission rate, which means that there is the same amount of O_3 available for chemical conversion regardless of the NO_x emission rate. Larger NO_x emission rates lead to lower predicted ratios of NO_2/NO_x. Maximum impacts that occur at receivers located further away have high predicted NO_2/NO_x ratios. Further emissions emitted into stable (narrow) plumes will have less conversion to NO_2 compared to those emissions emitted into less stable (wider) plumes. The OLM does not take the NO_x emission rate or plume size into consideration.

- The OLM can only be used on one plume at a time. The US EPA states that the OLM should be used with a “plume-by-plume” approach. This is a big limitation to a facility with lots of different plumes. The OLM will therefore be very conservative for close in NO_2 impacts for large multi plume sources. The OLM may not be conservative for single plumes downwind, where low concentrations of O_3 can still react with the plume. The OLM is expected to be conservative during daylight hours when the photochemical equilibrium reverses the oxidation of NO by O_3. It is also expected to be conservative during stable and night conditions when both NO_2 and O_3 are removed by reaction with vegetation and other surfaces.

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Appendix E Detailed Dispersion Model Results

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Table E1 **Maximum predicted cumulative discrete sensitive receptor results for peak train operations with veneering**

Pollutant			**NO_2**		**PM_{10}**		**$PM_{2.5}$**	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s1	413752	6955573	76.7	7.9	19.0	16.2	6.6	5.7
s2	411187	6955448	57.5	7.9	19.0	16.2	6.5	5.7
s3	414143	6955242	72.0	7.9	19.0	16.2	6.6	5.7
s4	411068	6955021	57.5	7.9	19.1	16.2	6.6	5.7
s5	412477	6954952	57.5	8.0	19.2	16.3	6.6	5.7
s6	413521	6954856	68.1	8.0	19.1	16.3	6.7	5.7
s7	417378	6954828	57.6	7.9	18.9	16.2	6.5	5.7
s8	416089	6954774	61.1	7.9	18.9	16.2	6.6	5.7
s9	414532	6954687	102.0	8.0	19.1	16.2	6.6	5.7
s10	417170	6954635	57.5	7.9	18.9	16.2	6.6	5.7
s11	417617	6954484	67.2	7.9	18.9	16.2	6.6	5.7
s12	413952	6954346	100.0	8.1	19.2	16.3	6.7	5.7
s13	414044	6954316	100.5	8.1	19.3	16.3	6.9	5.7
s14	417341	6954369	71.7	7.9	19.0	16.2	6.6	5.7
s15	422523	6954388	59.2	7.9	18.9	16.2	6.5	5.7
s16	417158	6954264	75.8	7.9	19.0	16.2	6.7	5.7
s17	417843	6954287	74.6	7.9	19.0	16.2	6.6	5.7
s18	411737	6954176	57.6	8.4	19.6	16.3	6.8	5.7
s19	413552	6954180	64.7	8.3	19.4	16.3	6.7	5.7
s20	418063	6954224	76.1	7.9	19.0	16.2	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s21	419383	6954207	62.3	8.0	18.9	16.2	6.6	5.7
s22	415427	6954125	92.0	8.0	19.2	16.3	6.8	5.7
s23	419110	6954114	60.8	7.9	18.9	16.2	6.5	5.7
s24	419902	6954150	61.5	8.0	19.0	16.3	6.6	5.7
s25	411109	6953936	68.5	12.2	22.0	17.3	7.5	6.1
s26	417853	6953961	85.3	8.0	19.1	16.2	6.7	5.7
s27	418835	6953956	60.7	8.0	18.9	16.2	6.5	5.7
s28	421615	6953981	59.5	8.0	18.9	16.2	6.5	5.7
s29	418071	6953908	77.1	8.0	19.1	16.2	6.7	5.7
s30	413119	6953805	76.0	9.5	20.9	16.6	7.2	5.8
s31	419686	6953849	62.9	8.0	19.0	16.3	6.6	5.7
s32	417818	6953691	77.8	8.1	19.1	16.3	6.7	5.7
s33	412635	6953576	71.6	11.7	22.3	17.2	7.6	6.0
s34	418253	6953660	78.1	8.0	19.0	16.3	6.6	5.7
s35	422820	6953692	57.9	8.0	18.9	16.3	6.5	5.7
s36	411754	6953492	61.8	10.1	20.6	16.8	7.1	5.9
s37	413791	6953564	95.2	13.9	23.6	17.7	8.2	6.2
s38	411286	6953470	60.6	9.2	20.2	16.6	6.9	5.8
s39	411553	6953408	60.9	9.4	20.2	16.6	6.9	5.8
s40	411612	6953447	61.5	9.7	20.4	16.7	7.0	5.9
s41	411680	6953471	62.1	9.9	20.5	16.7	7.0	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s42	411775	6953402	61.9	9.7	20.5	16.7	7.0	5.9
s43	412077	6953414	61.1	10.0	20.7	16.7	7.1	5.9
s44	412705	6953425	68.7	10.5	21.2	16.9	7.4	5.9
s45	418076	6953520	92.0	8.2	19.2	16.3	6.7	5.7
s46	419527	6953515	64.3	8.1	19.1	16.3	6.6	5.7
s47	411503	6953363	60.7	9.2	20.1	16.6	6.9	5.8
s48	411731	6953331	61.2	9.4	20.3	16.6	6.9	5.8
s49	412523	6953324	65.2	9.8	20.8	16.7	7.1	5.9
s50	413485	6953343	75.0	10.8	21.0	16.9	7.4	5.9
s51	413382	6953384	75.8	10.9	21.2	16.9	7.4	6.0
s52	414417	6953410	135.7	16.0	25.0	18.2	9.1	6.4
s53	416632	6953414	122.0	8.4	19.5	16.3	6.9	5.7
s54	422429	6953397	57.6	8.0	19.0	16.3	6.5	5.7
s55	418029	6953366	98.6	8.2	19.2	16.3	6.8	5.7
s56	418987	6953445	64.5	8.1	19.0	16.3	6.6	5.7
s57	419321	6953405	63.2	8.2	19.1	16.3	6.6	5.7
s58	411438	6953307	59.4	9.0	19.9	16.5	6.8	5.8
s59	411591	6953267	60.6	9.1	20.1	16.5	6.9	5.8
s60	411731	6953262	60.7	9.2	20.1	16.5	6.9	5.8
s61	413698	6953274	77.3	10.4	21.0	16.8	7.4	5.9
s62	413704	6953326	77.7	10.7	21.2	16.9	7.4	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s63	414817	6953264	186.6	17.5	29.1	17.6	14.7	6.3
s64	411058	6953205	57.7	8.4	19.4	16.3	6.6	5.7
s65	411466	6953232	58.8	8.9	19.9	16.5	6.8	5.8
s66	411590	6953173	59.0	8.9	19.9	16.5	6.8	5.8
s67	411730	6953198	60.0	9.0	20.0	16.5	6.8	5.8
s68	411916	6953211	61.1	9.1	20.1	16.5	6.9	5.8
s69	413685	6953199	77.9	9.9	20.6	16.7	7.2	5.9
s70	413640	6953207	76.5	9.9	20.5	16.7	7.2	5.9
s71	413609	6953213	74.6	10.0	20.5	16.7	7.2	5.9
s72	413505	6953241	73.6	10.2	20.7	16.8	7.3	5.9
s73	418930	6953239	65.2	8.2	19.1	16.3	6.6	5.7
s74	411233	6953154	57.8	8.4	19.4	16.4	6.7	5.8
s75	411712	6953133	59.2	8.8	19.9	16.5	6.8	5.8
s76	411588	6953098	58.4	8.7	19.8	16.4	6.8	5.8
s77	411906	6953145	60.4	8.9	20.0	16.5	6.9	5.8
s78	411905	6953084	59.9	8.8	19.9	16.4	6.8	5.8
s79	412016	6953145	60.8	8.9	20.0	16.5	6.9	5.8
s80	412104	6953154	61.0	9.0	20.1	16.5	6.9	5.8
s81	412192	6953147	60.9	9.0	20.1	16.5	6.9	5.8
s82	412310	6953141	60.9	9.1	20.2	16.5	6.9	5.8
s83	412291	6953084	60.5	8.9	20.0	16.5	6.9	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s84	413493	6953094	66.9	9.4	20.2	16.6	7.0	5.8
s85	413530	6953125	68.8	9.6	20.3	16.6	7.1	5.8
s86	413667	6953115	77.9	9.6	20.4	16.6	7.1	5.8
s87	413581	6953166	71.7	9.7	20.4	16.7	7.1	5.9
s88	413613	6953157	73.5	9.7	20.4	16.6	7.1	5.9
s89	413679	6953152	78.8	9.7	20.5	16.6	7.2	5.9
s90	413821	6953148	89.4	9.8	20.7	16.6	7.2	5.9
s91	414173	6953109	102.0	10.0	20.5	16.7	7.3	5.9
s92	414286	6953166	111.6	10.7	21.0	16.8	7.7	5.9
s93	418224	6953150	102.1	8.5	19.6	16.3	7.1	5.7
s94	421327	6953165	61.6	8.0	18.9	16.2	6.5	5.7
s95	411682	6953066	58.7	8.7	19.8	16.4	6.8	5.8
s96	411570	6953039	58.2	8.6	19.7	16.4	6.7	5.8
s97	411887	6953019	59.3	8.6	19.8	16.4	6.8	5.8
s98	412001	6953042	59.9	8.7	19.8	16.4	6.8	5.8
s99	412180	6953016	60.0	8.7	19.9	16.4	6.8	5.8
s100	412849	6953077	67.9	9.3	20.2	16.6	7.0	5.8
s101	412931	6953043	66.7	9.2	20.2	16.5	7.0	5.8
s102	412876	6953008	65.4	9.1	20.1	16.5	6.9	5.8
s103	413524	6953013	64.6	9.2	20.0	16.5	6.9	5.8
s104	413519	6953034	65.5	9.2	20.1	16.5	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s105	413506	6953051	65.9	9.3	20.1	16.5	7.0	5.8
s106	413583	6953017	67.2	9.2	20.1	16.5	7.0	5.8
s107	413569	6953040	68.3	9.3	20.1	16.5	7.0	5.8
s108	413553	6953066	68.3	9.3	20.2	16.6	7.0	5.8
s109	413544	6953086	68.1	9.4	20.2	16.6	7.0	5.8
s110	413647	6953075	75.4	9.4	20.3	16.6	7.1	5.8
s111	413923	6953035	91.1	9.4	20.3	16.5	7.1	5.8
s112	414349	6953020	130.6	9.8	20.4	16.6	7.4	5.8
s113	414775	6953022	116.6	10.5	21.6	16.8	8.5	5.9
s114	421377	6953083	61.8	8.0	18.9	16.3	6.5	5.7
s115	411701	6952998	58.4	8.6	19.7	16.4	6.7	5.8
s116	411683	6952939	58.2	8.5	19.6	16.4	6.7	5.8
s117	411555	6952975	58.0	8.5	19.6	16.4	6.7	5.8
s118	411880	6952937	58.7	8.5	19.6	16.4	6.7	5.8
s119	411995	6952987	59.4	8.6	19.8	16.4	6.8	5.8
s120	412178	6952945	59.5	8.6	19.8	16.4	6.8	5.8
s121	412274	6953000	60.0	8.7	19.9	16.4	6.8	5.8
s122	412268	6952945	59.6	8.7	19.8	16.4	6.8	5.8
s123	412894	6952953	63.4	9.0	20.0	16.5	6.9	5.8
s124	413661	6952951	68.6	9.1	19.9	16.5	6.9	5.8
s125	413599	6952964	65.4	9.1	20.0	16.5	6.9	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s126	413616	6952975	65.6	9.1	20.0	16.5	6.9	5.8
s127	413632	6952981	67.3	9.1	20.0	16.5	7.0	5.8
s128	413650	6952989	69.2	9.2	20.0	16.5	7.0	5.8
s129	413669	6952998	69.4	9.2	20.0	16.5	7.0	5.8
s130	413689	6952963	69.7	9.1	20.0	16.5	6.9	5.8
s131	413689	6953002	72.3	9.2	20.1	16.5	7.0	5.8
s132	413718	6952969	71.5	9.1	20.0	16.5	7.0	5.8
s133	413707	6953007	73.7	9.2	20.1	16.5	7.0	5.8
s134	413730	6953005	75.8	9.2	20.1	16.5	7.0	5.8
s135	413748	6953004	76.3	9.2	20.1	16.5	7.0	5.8
s136	413738	6952962	74.1	9.1	20.0	16.5	7.0	5.8
s137	413767	6953001	78.1	9.2	20.1	16.5	7.0	5.8
s138	413789	6953000	79.4	9.2	20.1	16.5	7.0	5.8
s139	413809	6952996	80.9	9.2	20.2	16.5	7.0	5.8
s140	413826	6952990	80.9	9.2	20.1	16.5	7.0	5.8
s141	413848	6952990	82.6	9.2	20.1	16.5	7.0	5.8
s142	413771	6952962	76.9	9.1	20.0	16.5	7.0	5.8
s143	413757	6952936	73.9	9.0	19.9	16.5	6.9	5.8
s144	413824	6952953	79.2	9.1	20.0	16.5	7.0	5.8
s145	413539	6952949	61.3	9.0	19.9	16.5	6.9	5.8
s146	413546	6952963	62.1	9.1	20.0	16.5	6.9	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s147	413533	6952993	63.7	9.1	20.0	16.5	6.9	5.8
s148	413885	6952958	84.2	9.1	20.1	16.5	7.0	5.8
s149	413893	6952975	85.9	9.2	20.1	16.5	7.0	5.8
s150	413949	6952943	92.3	9.1	20.1	16.5	7.0	5.8
s151	413913	6952982	90.1	9.2	20.2	16.5	7.0	5.8
s152	413934	6952978	93.3	9.2	20.2	16.5	7.0	5.8
s153	413952	6952978	94.7	9.2	20.2	16.5	7.0	5.8
s154	413972	6952975	95.4	9.2	20.2	16.5	7.0	5.8
s155	413998	6952971	96.1	9.2	20.1	16.5	7.0	5.8
s156	414015	6952970	97.0	9.2	20.1	16.5	7.0	5.8
s157	414038	6952967	98.2	9.2	20.1	16.5	7.0	5.8
s158	414060	6952963	98.5	9.2	20.1	16.5	7.0	5.8
s159	413908	6952947	88.1	9.1	20.1	16.5	7.0	5.8
s160	413929	6952949	91.1	9.1	20.1	16.5	7.0	5.8
s161	413970	6952942	92.7	9.1	20.0	16.5	7.0	5.8
s162	413987	6952937	92.7	9.1	20.0	16.5	7.0	5.8
s163	414098	6952953	101.6	9.2	20.1	16.5	7.0	5.8
s164	414080	6952961	100.8	9.2	20.1	16.5	7.0	5.8
s165	414135	6952950	102.6	9.2	20.1	16.5	7.1	5.8
s166	414231	6952939	107.8	9.3	20.1	16.5	7.2	5.8
s167	414172	6952946	104.9	9.3	20.1	16.5	7.1	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s168	414155	6952946	103.6	9.2	20.1	16.5	7.1	5.8
s169	415005	6952957	148.6	10.6	21.3	16.8	7.4	5.9
s170	418481	6952984	90.7	8.6	19.6	16.4	6.9	5.8
s171	418739	6953022	71.9	8.5	19.3	16.4	6.7	5.8
s172	422836	6952998	57.5	8.3	19.2	16.3	6.6	5.7
s173	420848	6953025	65.3	8.0	18.9	16.3	6.5	5.7
s174	421087	6953060	62.9	8.0	18.9	16.3	6.5	5.7
s175	421385	6953042	61.6	8.0	18.9	16.3	6.5	5.7
s176	411481	6952956	57.8	8.4	19.5	16.4	6.7	5.8
s177	411063	6952942	57.5	8.2	19.2	16.3	6.6	5.7
s178	411563	6952888	57.8	8.4	19.5	16.4	6.7	5.8
s179	411681	6952862	57.9	8.4	19.5	16.4	6.7	5.8
s180	411875	6952866	58.4	8.4	19.5	16.4	6.7	5.8
s181	411955	6952844	58.5	8.4	19.5	16.4	6.7	5.8
s182	411999	6952917	58.9	8.5	19.7	16.4	6.8	5.8
s183	412161	6952888	59.1	8.5	19.7	16.4	6.8	5.8
s184	412268	6952866	59.2	8.5	19.7	16.4	6.8	5.8
s185	413501	6952872	61.0	8.9	19.9	16.5	6.8	5.8
s186	413530	6952897	61.1	9.0	19.9	16.5	6.9	5.8
s187	413570	6952877	62.7	8.9	19.9	16.5	6.9	5.8
s188	413584	6952870	63.1	8.9	19.9	16.5	6.9	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s189	413599	6952862	62.8	8.9	19.8	16.5	6.8	5.8
s190	413593	6952928	64.9	9.0	19.9	16.5	6.9	5.8
s191	413616	6952907	64.8	9.0	19.9	16.5	6.9	5.8
s192	413637	6952893	65.1	9.0	19.8	16.5	6.9	5.8
s193	413656	6952880	65.3	8.9	19.8	16.5	6.9	5.8
s194	413682	6952865	64.9	8.9	19.8	16.5	6.8	5.8
s195	413776	6952868	70.0	8.9	19.8	16.5	6.9	5.8
s196	413759	6952882	68.9	8.9	19.8	16.5	6.9	5.8
s197	413742	6952886	69.2	8.9	19.8	16.5	6.9	5.8
s198	413727	6952902	67.9	8.9	19.8	16.5	6.9	5.8
s199	413701	6952908	67.0	9.0	19.8	16.5	6.9	5.8
s200	413686	6952920	67.1	9.0	19.9	16.5	6.9	5.8
s201	413781	6952921	74.1	9.0	19.9	16.5	6.9	5.8
s202	413797	6952913	73.9	9.0	19.9	16.5	6.9	5.8
s203	413812	6952935	77.1	9.0	20.0	16.5	6.9	5.8
s204	413833	6952869	71.6	8.9	19.8	16.4	6.9	5.8
s205	413842	6952882	73.0	8.9	19.8	16.5	6.9	5.8
s206	413850	6952901	75.9	9.0	19.9	16.5	6.9	5.8
s207	413860	6952922	78.4	9.0	19.9	16.5	6.9	5.8
s208	414008	6952935	93.6	9.1	20.0	16.5	7.0	5.8
s209	414029	6952932	93.6	9.1	20.0	16.5	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s210	414054	6952931	96.1	9.1	20.0	16.5	7.0	5.8
s211	414050	6952902	92.1	9.1	19.9	16.5	7.0	5.8
s212	414044	6952879	88.0	9.0	19.9	16.5	7.0	5.8
s213	413962	6952864	79.9	8.9	19.8	16.5	6.9	5.8
s214	413990	6952892	86.2	9.0	19.9	16.5	6.9	5.8
s215	413965	6952894	85.6	9.0	19.9	16.5	6.9	5.8
s216	413942	6952896	84.4	9.0	19.9	16.5	6.9	5.8
s217	413933	6952870	79.9	8.9	19.8	16.5	6.9	5.8
s218	413872	6952867	74.5	8.9	19.8	16.5	6.9	5.8
s219	413880	6952883	77.0	8.9	19.9	16.5	6.9	5.8
s220	413900	6952901	78.7	9.0	19.9	16.5	6.9	5.8
s221	413878	6952911	79.5	9.0	19.9	16.5	6.9	5.8
s222	414074	6952883	91.2	9.0	19.9	16.5	7.0	5.8
s223	414089	6952899	97.0	9.1	20.0	16.5	7.0	5.8
s224	414091	6952919	99.2	9.1	20.0	16.5	7.0	5.8
s225	414136	6952913	99.5	9.1	20.0	16.5	7.1	5.8
s226	414135	6952894	95.1	9.1	20.0	16.5	7.1	5.8
s227	414131	6952875	90.6	9.1	19.9	16.5	7.1	5.8
s228	414188	6952864	91.5	9.1	20.0	16.5	7.2	5.8
s229	414252	6952860	95.1	9.1	20.0	16.5	7.3	5.8
s230	414267	6952879	94.9	9.2	20.1	16.5	7.3	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s231	414320	6952925	104.7	9.3	20.2	16.5	7.4	5.8
s232	414293	6952927	106.2	9.3	20.2	16.5	7.3	5.8
s233	414273	6952932	107.2	9.3	20.2	16.5	7.3	5.8
s234	414255	6952935	107.7	9.3	20.1	16.5	7.2	5.8
s235	414214	6952936	104.0	9.3	20.1	16.5	7.2	5.8
s236	414197	6952935	102.4	9.2	20.1	16.5	7.1	5.8
s237	415350	6952927	131.4	10.2	20.8	16.8	7.9	5.9
s238	419511	6952898	69.5	8.9	19.8	16.5	6.8	5.8
s239	412144	6952813	58.7	8.4	19.6	16.4	6.7	5.8
s240	412246	6952793	58.8	8.5	19.6	16.4	6.7	5.8
s241	412951	6952824	61.8	8.8	19.7	16.4	6.8	5.8
s242	412805	6952814	60.8	8.7	19.7	16.4	6.8	5.8
s243	413182	6952815	61.0	8.8	19.7	16.4	6.8	5.8
s244	413331	6952818	60.5	8.8	19.8	16.4	6.8	5.8
s245	413637	6952838	64.8	8.9	19.8	16.5	6.8	5.8
s246	413661	6952824	64.0	8.9	19.7	16.4	6.8	5.8
s247	413679	6952813	64.6	8.8	19.7	16.4	6.8	5.8
s248	413714	6952787	66.6	8.8	19.7	16.4	6.8	5.8
s249	413555	6952842	61.5	8.9	19.8	16.5	6.8	5.8
s250	413564	6952818	60.8	8.9	19.8	16.4	6.8	5.8
s251	413533	6952809	60.8	8.8	19.8	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s252	413549	6952779	60.7	8.8	19.8	16.4	6.8	5.8
s253	413701	6952853	66.1	8.9	19.8	16.4	6.8	5.8
s254	413728	6952840	66.9	8.9	19.8	16.4	6.8	5.8
s255	413748	6952831	66.5	8.8	19.7	16.4	6.8	5.8
s256	413787	6952801	67.0	8.8	19.7	16.4	6.8	5.8
s257	413828	6952784	67.4	8.8	19.7	16.4	6.8	5.8
s258	413923	6952780	68.1	8.8	19.7	16.4	6.8	5.8
s259	413946	6952786	68.3	8.8	19.7	16.4	6.8	5.8
s260	413969	6952792	68.4	8.8	19.7	16.4	6.9	5.8
s261	413994	6952797	68.7	8.8	19.7	16.4	6.9	5.8
s262	414017	6952800	69.3	8.9	19.7	16.4	6.9	5.8
s263	414037	6952807	71.9	8.9	19.8	16.4	6.9	5.8
s264	414064	6952811	72.8	8.9	19.8	16.4	7.0	5.8
s265	414079	6952815	74.8	8.9	19.8	16.5	7.0	5.8
s266	414098	6952818	80.8	9.0	19.8	16.5	7.1	5.8
s267	414046	6952846	78.2	8.9	19.8	16.5	7.0	5.8
s268	414021	6952848	76.7	8.9	19.8	16.5	6.9	5.8
s269	414001	6952829	72.7	8.9	19.8	16.4	6.9	5.8
s270	413971	6952827	72.0	8.9	19.8	16.4	6.9	5.8
s271	413954	6952840	74.5	8.9	19.8	16.4	6.9	5.8
s272	413925	6952847	74.7	8.9	19.8	16.4	6.9	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s273	413916	6952821	69.6	8.9	19.7	16.4	6.9	5.8
s274	413892	6952819	67.8	8.8	19.7	16.4	6.8	5.8
s275	413865	6952814	67.6	8.8	19.7	16.4	6.8	5.8
s276	413853	6952822	67.4	8.8	19.7	16.4	6.8	5.8
s277	413863	6952852	70.7	8.9	19.8	16.4	6.9	5.8
s278	414086	6952856	87.0	9.0	19.9	16.5	7.0	5.8
s279	414134	6952849	84.0	9.0	19.9	16.5	7.1	5.8
s280	414140	6952829	87.0	9.0	19.9	16.5	7.1	5.8
s281	414168	6952834	93.6	9.0	19.9	16.5	7.2	5.8
s282	414217	6952844	94.6	9.1	20.0	16.5	7.2	5.8
s283	414238	6952848	95.0	9.1	20.0	16.5	7.3	5.8
s284	414308	6952821	96.3	9.1	20.0	16.5	7.3	5.8
s285	414630	6952857	105.3	9.5	20.2	16.6	7.3	5.8
s286	416205	6952818	103.2	11.0	20.8	16.8	7.6	5.9
s287	416358	6952807	105.9	11.3	20.8	16.9	7.9	5.9
s288	418191	6952863	101.0	9.3	20.2	16.5	7.2	5.8
s289	411941	6952768	58.1	8.3	19.5	16.3	6.7	5.7
s290	411866	6952809	58.1	8.4	19.5	16.3	6.7	5.7
s291	411645	6952797	57.8	8.3	19.4	16.3	6.6	5.7
s292	411544	6952828	57.7	8.3	19.4	16.3	6.6	5.7
s293	411528	6952765	57.6	8.3	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s294	411257	6952822	57.5	8.2	19.2	16.3	6.6	5.7
s295	411082	6952816	57.5	8.2	19.2	16.3	6.6	5.7
s296	413442	6952758	60.6	8.8	19.7	16.4	6.8	5.8
s297	413704	6952755	66.8	8.8	19.7	16.4	6.8	5.8
s298	413695	6952738	66.8	8.8	19.7	16.4	6.8	5.8
s299	413681	6952724	66.9	8.8	19.7	16.4	6.8	5.8
s300	413667	6952709	66.8	8.8	19.7	16.4	6.8	5.8
s301	413528	6952700	63.1	8.7	19.7	16.4	6.8	5.8
s302	413514	6952751	60.6	8.8	19.8	16.4	6.8	5.8
s303	413538	6952762	60.6	8.8	19.7	16.4	6.8	5.8
s304	413495	6952728	60.5	8.8	19.7	16.4	6.8	5.8
s305	413738	6952711	67.1	8.7	19.6	16.4	6.8	5.8
s306	413748	6952730	67.1	8.7	19.6	16.4	6.8	5.8
s307	413786	6952744	67.3	8.7	19.6	16.4	6.8	5.8
s308	413805	6952733	67.4	8.7	19.6	16.4	6.8	5.8
s309	413831	6952726	67.6	8.7	19.6	16.4	6.8	5.8
s310	413842	6952708	67.6	8.7	19.6	16.4	6.8	5.8
s311	413868	6952698	67.7	8.7	19.6	16.4	6.8	5.8
s312	414102	6952707	78.4	8.8	19.6	16.4	6.9	5.8
s313	413843	6952774	67.6	8.8	19.7	16.4	6.8	5.8
s314	413872	6952775	67.8	8.8	19.7	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s315	414142	6952766	88.8	8.9	19.8	16.4	7.1	5.8
s316	414802	6952750	98.1	9.5	20.4	16.6	7.1	5.8
s317	415185	6952780	112.3	9.9	20.6	16.7	7.4	5.9
s318	416125	6952771	104.0	10.7	20.9	16.8	7.5	5.9
s319	416262	6952754	105.8	10.8	20.7	16.8	7.6	5.9
s320	416447	6952785	109.3	11.8	21.2	16.9	8.2	6.0
s321	416524	6952746	124.5	12.0	21.3	17.0	8.2	6.0
s322	416580	6952739	131.0	12.7	21.7	17.1	8.6	6.0
s323	416691	6952721	152.4	14.0	23.2	17.3	9.5	6.1
s324	416760	6952723	152.0	14.9	24.4	17.6	10.5	6.2
s325	421011	6952745	62.8	8.1	19.0	16.3	6.5	5.7
s326	420835	6952809	67.4	8.0	19.0	16.3	6.5	5.7
s327	412236	6952739	58.5	8.4	19.5	16.3	6.7	5.8
s328	412129	6952756	58.4	8.4	19.5	16.3	6.7	5.7
s329	411856	6952744	57.9	8.3	19.4	16.3	6.7	5.7
s330	411660	6952720	57.7	8.2	19.3	16.3	6.6	5.7
s331	413473	6952671	60.9	8.7	19.6	16.4	6.7	5.8
s332	413661	6952688	66.8	8.7	19.6	16.4	6.8	5.8
s333	413651	6952675	66.8	8.7	19.6	16.4	6.8	5.8
s334	413620	6952653	66.7	8.7	19.6	16.4	6.8	5.8
s335	413636	6952640	66.8	8.7	19.6	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s336	413570	6952675	66.5	8.7	19.7	16.4	6.8	5.8
s337	413550	6952681	65.4	8.7	19.7	16.4	6.8	5.8
s338	413520	6952648	64.3	8.7	19.6	16.4	6.8	5.8
s339	413551	6952629	66.3	8.7	19.6	16.4	6.8	5.8
s340	413696	6952647	66.9	8.7	19.5	16.4	6.8	5.8
s341	413710	6952661	67.0	8.7	19.5	16.4	6.8	5.8
s342	413714	6952679	67.0	8.7	19.6	16.4	6.8	5.8
s343	413729	6952693	67.0	8.7	19.5	16.4	6.8	5.8
s344	413814	6952640	67.0	8.6	19.4	16.4	6.7	5.8
s345	413892	6952685	67.6	8.7	19.5	16.4	6.8	5.8
s346	413900	6952662	67.3	8.6	19.4	16.4	6.7	5.8
s347	413892	6952641	67.1	8.6	19.4	16.4	6.7	5.8
s348	413883	6952625	66.9	8.6	19.4	16.4	6.7	5.8
s349	413916	6952677	67.4	8.6	19.4	16.4	6.7	5.8
s350	413935	6952618	67.0	8.6	19.4	16.4	6.7	5.8
s351	416132	6952651	102.3	10.0	20.2	16.6	7.3	5.9
s352	416836	6952715	184.1	14.6	23.9	17.7	9.9	6.2
s353	418106	6952716	92.4	10.0	20.4	16.7	7.3	5.9
s354	421751	6952715	58.7	8.1	19.0	16.3	6.5	5.7
s355	412224	6952679	58.3	8.3	19.5	16.3	6.7	5.7
s356	412122	6952674	58.1	8.3	19.4	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s357	411930	6952607	57.8	8.2	19.3	16.3	6.6	5.7
s358	411840	6952611	57.7	8.2	19.3	16.3	6.6	5.7
s359	411836	6952675	57.8	8.2	19.3	16.3	6.6	5.7
s360	411650	6952629	57.6	8.2	19.2	16.3	6.6	5.7
s361	411518	6952668	57.6	8.2	19.2	16.3	6.6	5.7
s362	413589	6952611	66.6	8.7	19.6	16.4	6.8	5.8
s363	413610	6952599	66.7	8.7	19.5	16.4	6.8	5.8
s364	413477	6952611	62.8	8.6	19.6	16.4	6.7	5.8
s365	413569	6952579	66.5	8.6	19.5	16.4	6.7	5.8
s366	413545	6952571	65.8	8.6	19.5	16.4	6.7	5.8
s367	413628	6952544	66.5	8.6	19.5	16.4	6.7	5.8
s368	413652	6952565	66.6	8.6	19.5	16.4	6.7	5.8
s369	413672	6952556	66.6	8.6	19.4	16.4	6.7	5.8
s370	413697	6952541	66.5	8.6	19.4	16.4	6.7	5.8
s371	413843	6952555	66.6	8.6	19.3	16.4	6.7	5.8
s372	413762	6952565	66.6	8.6	19.4	16.4	6.7	5.8
s373	413738	6952595	66.8	8.6	19.4	16.4	6.7	5.8
s374	413696	6952603	66.8	8.6	19.5	16.4	6.7	5.8
s375	413676	6952615	66.8	8.6	19.5	16.4	6.7	5.8
s376	413872	6952606	66.8	8.6	19.4	16.4	6.7	5.8
s377	413850	6952577	66.7	8.6	19.3	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s378	413908	6952559	66.6	8.6	19.3	16.4	6.7	5.8
s379	413889	6952541	66.5	8.6	19.3	16.4	6.7	5.8
s380	413920	6952598	66.8	8.6	19.4	16.4	6.7	5.8
s381	414031	6952609	67.0	8.6	19.4	16.4	6.8	5.8
s382	422494	6952608	57.6	8.6	19.4	16.4	6.7	5.8
s383	413493	6952556	64.1	8.6	19.5	16.4	6.7	5.8
s384	413507	6952544	64.5	8.6	19.5	16.4	6.7	5.8
s385	413524	6952536	65.1	8.6	19.5	16.4	6.7	5.8
s386	412130	6952541	57.9	8.2	19.3	16.3	6.6	5.7
s387	412196	6952538	57.9	8.2	19.3	16.3	6.6	5.7
s388	411937	6952535	57.7	8.2	19.3	16.3	6.6	5.7
s389	411837	6952568	57.7	8.2	19.2	16.3	6.6	5.7
s390	413815	6952531	66.5	8.6	19.3	16.4	6.7	5.8
s391	413866	6952502	66.3	8.5	19.3	16.4	6.7	5.8
s392	413986	6952475	62.0	8.5	19.3	16.4	6.7	5.8
s393	413935	6952474	63.1	8.5	19.3	16.4	6.7	5.8
s394	413901	6952496	65.5	8.5	19.3	16.4	6.7	5.8
s395	413915	6952478	64.0	8.5	19.3	16.4	6.7	5.8
s396	414209	6952498	74.0	8.6	19.4	16.4	6.7	5.8
s397	419337	6952563	70.0	10.0	20.5	16.7	7.0	5.9
s398	413850	6952462	64.5	8.5	19.3	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s399	413851	6952461	64.4	8.5	19.3	16.4	6.7	5.8
s400	413611	6952508	65.6	8.6	19.4	16.4	6.7	5.8
s401	413572	6952525	66.0	8.6	19.5	16.4	6.7	5.8
s402	413544	6952529	65.2	8.6	19.5	16.4	6.7	5.8
s403	412190	6952472	57.8	8.2	19.3	16.3	6.6	5.7
s404	410945	6952466	57.5	8.0	19.0	16.3	6.5	5.7
s405	413453	6952387	60.1	8.4	19.4	16.4	6.7	5.8
s406	413112	6952389	59.6	8.4	19.3	16.3	6.7	5.7
s407	413957	6952401	62.6	8.5	19.2	16.4	6.7	5.8
s408	413923	6952417	60.8	8.5	19.2	16.4	6.7	5.8
s409	413821	6952418	62.6	8.5	19.3	16.4	6.7	5.8
s410	413788	6952381	61.2	8.5	19.3	16.4	6.7	5.8
s411	413803	6952399	61.9	8.5	19.3	16.4	6.7	5.8
s412	413839	6952438	63.3	8.5	19.3	16.4	6.7	5.8
s413	413623	6952397	63.2	8.5	19.4	16.4	6.7	5.8
s414	413562	6952432	63.0	8.5	19.4	16.4	6.7	5.8
s415	413549	6952454	62.9	8.5	19.4	16.4	6.7	5.8
s416	411831	6952366	57.5	8.1	19.1	16.3	6.6	5.7
s417	418812	6952386	99.9	14.7	23.6	17.9	8.1	6.3
s418	414859	6952329	102.2	9.0	19.8	16.5	6.9	5.8
s419	413512	6952303	60.0	8.4	19.3	16.3	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s420	413507	6952344	60.4	8.4	19.3	16.4	6.7	5.8
s421	413451	6952314	60.0	8.4	19.3	16.3	6.7	5.8
s422	413435	6952343	60.1	8.4	19.3	16.3	6.7	5.8
s423	413316	6952355	60.0	8.4	19.3	16.3	6.6	5.7
s424	413185	6952336	59.7	8.4	19.3	16.3	6.6	5.7
s425	413999	6952377	64.8	8.5	19.2	16.4	6.6	5.8
s426	413981	6952356	64.6	8.5	19.2	16.4	6.6	5.8
s427	413970	6952330	64.6	8.5	19.2	16.4	6.6	5.8
s428	413962	6952306	64.7	8.5	19.2	16.4	6.6	5.8
s429	413940	6952373	62.8	8.5	19.2	16.4	6.7	5.8
s430	413929	6952352	62.7	8.5	19.2	16.4	6.6	5.8
s431	413920	6952334	63.0	8.5	19.2	16.4	6.6	5.8
s432	413902	6952310	62.9	8.5	19.2	16.4	6.6	5.8
s433	413905	6952312	62.8	8.5	19.2	16.4	6.6	5.8
s434	413771	6952336	59.5	8.5	19.3	16.4	6.7	5.8
s435	413776	6952361	60.4	8.5	19.3	16.4	6.7	5.8
s436	413763	6952318	59.5	8.5	19.3	16.4	6.6	5.8
s437	411654	6952313	57.5	8.0	19.1	16.3	6.6	5.7
s438	412062	6952352	57.6	8.1	19.2	16.3	6.6	5.7
s439	411934	6952359	57.6	8.1	19.1	16.3	6.6	5.7
s440	411939	6952304	57.5	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s441	411811	6952314	57.5	8.1	19.1	16.3	6.6	5.7
s442	416948	6952316	83.0	9.4	19.8	16.6	7.0	5.8
s443	419329	6952273	75.6	11.5	21.5	17.1	7.3	6.0
s444	420297	6952318	69.6	8.6	19.5	16.4	6.7	5.8
s445	421991	6952351	58.9	8.8	19.7	16.5	6.7	5.8
s446	413617	6952272	59.9	8.4	19.3	16.3	6.7	5.8
s447	413423	6952217	59.9	8.4	19.3	16.3	6.6	5.7
s448	413531	6952220	59.9	8.4	19.3	16.3	6.6	5.7
s449	413520	6952248	60.0	8.4	19.3	16.3	6.6	5.7
s450	413507	6952280	60.0	8.4	19.3	16.3	6.7	5.7
s451	413562	6952279	59.9	8.4	19.3	16.3	6.7	5.8
s452	413408	6952235	59.9	8.4	19.3	16.3	6.6	5.7
s453	413405	6952250	59.9	8.4	19.3	16.3	6.6	5.7
s454	413449	6952282	60.0	8.4	19.3	16.3	6.7	5.7
s455	413399	6952276	60.0	8.4	19.3	16.3	6.6	5.7
s456	413945	6952289	64.5	8.5	19.2	16.4	6.6	5.8
s457	413936	6952271	64.7	8.4	19.2	16.4	6.6	5.8
s458	413922	6952252	64.6	8.4	19.2	16.3	6.6	5.8
s459	413907	6952222	64.8	8.4	19.2	16.3	6.6	5.8
s460	413975	6952274	65.4	8.5	19.2	16.4	6.6	5.8
s461	413892	6952288	63.1	8.5	19.2	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s462	413839	6952259	62.2	8.4	19.2	16.3	6.6	5.8
s463	413841	6952258	62.2	8.4	19.2	16.3	6.6	5.8
s464	413823	6952275	61.0	8.4	19.2	16.4	6.6	5.8
s465	412053	6952223	57.5	8.1	19.1	16.3	6.6	5.7
s466	411915	6952229	57.5	8.0	19.1	16.3	6.6	5.7
s467	411883	6952216	57.5	8.0	19.1	16.3	6.6	5.7
s468	417039	6952222	83.3	9.0	19.6	16.5	6.9	5.8
s469	413520	6952144	59.9	8.4	19.2	16.3	6.6	5.7
s470	413524	6952182	59.9	8.4	19.3	16.3	6.6	5.7
s471	413605	6952171	59.9	8.4	19.3	16.3	6.6	5.7
s472	413507	6952208	59.9	8.4	19.3	16.3	6.6	5.7
s473	413627	6952208	59.8	8.4	19.3	16.3	6.6	5.7
s474	413439	6952143	59.8	8.3	19.2	16.3	6.6	5.7
s475	413456	6952152	59.8	8.3	19.2	16.3	6.6	5.7
s476	413447	6952177	59.9	8.4	19.3	16.3	6.6	5.7
s477	413437	6952196	59.9	8.4	19.3	16.3	6.6	5.7
s478	412898	6952155	58.2	8.3	19.3	16.3	6.6	5.7
s479	413605	6952076	59.8	8.4	19.2	16.3	6.6	5.7
s480	413509	6952075	59.7	8.3	19.2	16.3	6.6	5.7
s481	413568	6952122	59.8	8.4	19.2	16.3	6.6	5.7
s482	411038	6952043	57.5	8.0	18.9	16.2	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s483	419207	6952086	70.0	11.2	20.9	17.0	7.2	6.0
s484	414481	6952052	69.4	8.4	19.2	16.3	6.6	5.7
s485	414274	6952011	66.9	8.4	19.2	16.3	6.6	5.7
s486	413596	6952025	59.7	8.3	19.2	16.3	6.6	5.7
s487	413516	6952048	59.7	8.3	19.2	16.3	6.6	5.7
s488	413514	6952047	59.7	8.3	19.2	16.3	6.6	5.7
s489	412175	6952039	57.5	8.0	19.1	16.3	6.6	5.7
s490	411061	6952038	57.5	8.0	18.9	16.2	6.5	5.7
s491	413536	6951916	59.4	8.3	19.2	16.3	6.6	5.7
s492	413463	6951912	59.2	8.3	19.2	16.3	6.6	5.7
s493	411872	6951954	57.5	8.0	19.0	16.3	6.5	5.7
s494	412078	6951946	57.5	8.0	19.0	16.3	6.5	5.7
s495	413869	6951842	62.8	8.3	19.1	16.3	6.6	5.7
s496	413850	6951851	63.2	8.3	19.1	16.3	6.6	5.7
s497	413818	6951844	63.1	8.3	19.1	16.3	6.6	5.7
s498	413647	6951824	61.0	8.3	19.1	16.3	6.6	5.7
s499	413617	6951833	60.3	8.3	19.2	16.3	6.6	5.7
s500	413587	6951855	59.3	8.3	19.2	16.3	6.6	5.7
s501	413560	6951874	59.3	8.3	19.2	16.3	6.6	5.7
s502	412024	6951812	57.5	8.0	19.0	16.2	6.5	5.7
s503	412043	6951869	57.5	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s504	419061	6951845	70.1	9.8	20.0	16.7	6.9	5.9
s505	413655	6951751	61.1	8.2	19.1	16.3	6.6	5.7
s506	413623	6951761	60.7	8.2	19.1	16.3	6.6	5.7
s507	413606	6951772	60.5	8.2	19.1	16.3	6.6	5.7
s508	413593	6951787	60.1	8.2	19.1	16.3	6.6	5.7
s509	413531	6951802	59.1	8.2	19.2	16.3	6.6	5.7
s510	413529	6951765	59.0	8.2	19.2	16.3	6.6	5.7
s511	413816	6951814	62.8	8.3	19.1	16.3	6.6	5.7
s512	413848	6951799	62.4	8.3	19.1	16.3	6.6	5.7
s513	413871	6951789	62.0	8.3	19.1	16.3	6.6	5.7
s514	413857	6951762	62.0	8.3	19.1	16.3	6.6	5.7
s515	413840	6951743	61.9	8.3	19.1	16.3	6.6	5.7
s516	413786	6951741	62.4	8.3	19.1	16.3	6.6	5.7
s517	413764	6951757	62.4	8.3	19.1	16.3	6.6	5.7
s518	413714	6951795	62.3	8.3	19.1	16.3	6.6	5.7
s519	412090	6951798	57.5	8.0	19.0	16.3	6.5	5.7
s520	414491	6951721	67.4	8.3	19.1	16.3	6.6	5.7
s521	414423	6951705	68.9	8.3	19.1	16.3	6.6	5.7
s522	414306	6951683	67.5	8.3	19.1	16.3	6.6	5.7
s523	414439	6951743	69.1	8.3	19.1	16.3	6.6	5.7
s524	413911	6951692	63.0	8.3	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s525	413633	6951664	60.7	8.2	19.1	16.3	6.6	5.7
s526	413605	6951681	60.4	8.2	19.1	16.3	6.6	5.7
s527	413574	6951690	59.9	8.2	19.1	16.3	6.6	5.7
s528	413522	6951715	58.8	8.2	19.1	16.3	6.6	5.7
s529	413528	6951732	59.0	8.2	19.1	16.3	6.6	5.7
s530	413803	6951670	61.6	8.2	19.1	16.3	6.6	5.7
s531	413783	6951671	61.7	8.2	19.1	16.3	6.6	5.7
s532	413771	6951689	62.0	8.2	19.1	16.3	6.6	5.7
s533	413748	6951693	61.8	8.2	19.1	16.3	6.6	5.7
s534	413733	6951707	61.5	8.2	19.1	16.3	6.6	5.7
s535	413715	6951713	61.6	8.2	19.1	16.3	6.6	5.7
s536	413696	6951731	61.4	8.2	19.1	16.3	6.6	5.7
s537	413802	6951723	62.3	8.3	19.1	16.3	6.6	5.7
s538	413828	6951708	62.2	8.3	19.1	16.3	6.6	5.7
s539	419048	6951689	70.6	9.3	19.8	16.6	6.8	5.8
s540	422593	6951650	63.2	9.1	20.3	16.5	7.0	5.8
s541	422734	6951653	62.8	8.9	20.1	16.5	6.9	5.8
s542	422874	6951695	62.3	8.7	19.7	16.4	6.8	5.8
s543	413663	6951584	60.7	8.2	19.1	16.3	6.6	5.7
s544	413641	6951597	60.6	8.2	19.1	16.3	6.6	5.7
s545	413615	6951610	60.5	8.2	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s546	413593	6951617	60.3	8.2	19.1	16.3	6.6	5.7
s547	413569	6951648	59.9	8.2	19.1	16.3	6.6	5.7
s548	413530	6951650	59.4	8.2	19.1	16.3	6.6	5.7
s549	413528	6951622	59.5	8.2	19.1	16.3	6.6	5.7
s550	413533	6951599	59.6	8.2	19.1	16.3	6.6	5.7
s551	413754	6951588	60.1	8.2	19.1	16.3	6.6	5.7
s552	413738	6951593	60.4	8.2	19.1	16.3	6.6	5.7
s553	413721	6951601	60.5	8.2	19.1	16.3	6.6	5.7
s554	413702	6951614	60.6	8.2	19.1	16.3	6.6	5.7
s555	413683	6951625	60.8	8.2	19.1	16.3	6.6	5.7
s556	413670	6951637	60.9	8.2	19.1	16.3	6.6	5.7
s557	413662	6951652	60.7	8.2	19.1	16.3	6.6	5.7
s558	419450	6951563	69.9	8.9	19.8	16.5	6.8	5.8
s559	422794	6951636	62.0	8.7	19.9	16.4	6.8	5.8
s560	415125	6951571	61.6	8.3	19.2	16.3	6.7	5.7
s561	414158	6951517	63.3	8.2	19.1	16.3	6.6	5.7
s562	413730	6951547	60.1	8.2	19.1	16.3	6.6	5.7
s563	413714	6951557	60.3	8.2	19.1	16.3	6.6	5.7
s564	413694	6951567	60.6	8.2	19.1	16.3	6.6	5.7
s565	413678	6951577	60.7	8.2	19.1	16.3	6.6	5.7
s566	413546	6951522	59.7	8.2	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s567	419265	6951518	71.3	8.9	19.7	16.5	6.8	5.8
s568	420009	6951477	69.5	8.9	19.8	16.5	6.8	5.8
s569	422657	6951488	61.5	8.6	19.9	16.4	6.8	5.8
s570	414267	6951484	66.3	8.2	19.1	16.3	6.6	5.7
s571	422804	6951417	59.8	8.3	19.6	16.3	6.7	5.7
s572	422678	6951436	61.3	8.5	19.8	16.4	6.8	5.8
s573	415677	6951413	60.2	8.2	19.1	16.3	6.6	5.7
s574	414359	6951387	65.4	8.2	19.1	16.3	6.6	5.7
s575	414452	6951349	62.3	8.2	19.1	16.3	6.6	5.7
s576	414525	6951374	59.2	8.2	19.1	16.3	6.6	5.7
s577	422856	6951340	59.6	8.2	19.4	16.3	6.7	5.7
s578	422904	6951260	59.5	8.1	19.3	16.3	6.6	5.7
s579	415984	6951201	58.5	8.1	19.0	16.3	6.6	5.7
s580	418958	6951154	71.7	8.4	19.5	16.4	6.8	5.8
s581	420036	6951206	64.7	8.3	19.2	16.3	6.6	5.7
s582	420034	6951156	63.9	8.3	19.1	16.3	6.6	5.7
s583	422899	6951181	59.8	8.1	19.3	16.3	6.6	5.7
s584	419127	6951095	71.3	8.3	19.5	16.3	6.8	5.7
s585	420362	6951146	60.9	8.5	19.4	16.4	6.6	5.8
s586	420370	6951082	60.3	8.5	19.4	16.4	6.6	5.8
s587	420467	6951076	59.7	8.6	19.5	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s588	420301	6951070	60.6	8.4	19.3	16.4	6.6	5.8
s589	420082	6951073	62.4	8.2	19.1	16.3	6.6	5.7
s590	420028	6951074	63.2	8.2	19.1	16.3	6.6	5.7
s591	420197	6951081	61.3	8.3	19.2	16.3	6.6	5.7
s592	420267	6951103	61.1	8.4	19.3	16.4	6.6	5.8
s593	420403	6951057	59.8	8.5	19.4	16.4	6.6	5.8
s594	420457	6951002	59.4	8.5	19.4	16.4	6.6	5.8
s595	420345	6951009	59.9	8.4	19.3	16.4	6.6	5.8
s596	420223	6951015	60.5	8.3	19.2	16.3	6.6	5.7
s597	421366	6951024	62.7	8.3	19.4	16.3	6.7	5.7
s598	420000	6950980	62.8	8.2	19.1	16.3	6.6	5.7
s599	420496	6950945	59.1	8.5	19.4	16.4	6.6	5.8
s600	420538	6950915	59.0	8.5	19.4	16.4	6.6	5.8
s601	420266	6950984	59.9	8.3	19.2	16.3	6.6	5.7
s602	420145	6950969	60.8	8.2	19.1	16.3	6.6	5.7
s603	420365	6950973	59.5	8.4	19.3	16.4	6.6	5.8
s604	420301	6950939	59.4	8.3	19.2	16.3	6.6	5.7
s605	420394	6950930	59.2	8.4	19.3	16.4	6.6	5.8
s606	417539	6950911	61.0	8.1	19.2	16.3	6.7	5.7
s607	420439	6950898	59.1	8.4	19.3	16.4	6.6	5.8
s608	420461	6950878	59.0	8.4	19.3	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s609	420578	6950897	58.8	8.5	19.4	16.4	6.6	5.8
s610	420062	6950855	61.1	8.2	19.1	16.3	6.6	5.7
s611	420324	6950891	59.1	8.3	19.2	16.3	6.6	5.7
s612	420342	6950849	59.2	8.3	19.2	16.3	6.6	5.7
s613	420431	6950835	59.1	8.3	19.3	16.3	6.6	5.7
s614	420100	6950813	60.5	8.2	19.1	16.3	6.6	5.7
s615	420174	6950793	59.8	8.2	19.1	16.3	6.6	5.7
s616	420342	6950771	59.5	8.2	19.1	16.3	6.6	5.7
s617	420387	6950790	59.4	8.3	19.2	16.3	6.6	5.7
s618	420482	6950751	59.4	8.3	19.2	16.3	6.6	5.7
s619	420519	6950783	59.2	8.3	19.3	16.3	6.6	5.7
s620	422857	6950713	60.8	8.0	19.3	16.3	6.6	5.7
s621	420110	6950711	60.3	8.1	19.1	16.3	6.6	5.7
s622	420556	6950718	59.4	8.3	19.3	16.3	6.6	5.7
s623	420564	6950682	59.6	8.3	19.2	16.3	6.6	5.7
s624	417744	6950721	59.9	8.1	19.2	16.3	6.7	5.7
s625	420192	6950630	60.4	8.1	19.1	16.3	6.6	5.7
s626	420594	6950644	59.7	8.3	19.2	16.3	6.6	5.7
s627	420590	6950603	59.9	8.2	19.2	16.3	6.6	5.7
s628	420430	6950655	59.8	8.2	19.1	16.3	6.5	5.7
s629	421418	6950629	58.9	8.1	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s630	422874	6950586	60.6	8.0	19.2	16.3	6.6	5.7
s631	422716	6950604	60.3	8.0	19.2	16.3	6.6	5.7
s632	420222	6950572	60.6	8.1	19.1	16.3	6.6	5.7
s633	420227	6950519	60.7	8.1	19.0	16.3	6.6	5.7
s634	420607	6950558	60.0	8.2	19.2	16.3	6.6	5.7
s635	420467	6950585	60.1	8.1	19.1	16.3	6.5	5.7
s636	420502	6950553	60.1	8.1	19.1	16.3	6.5	5.7
s637	420512	6950517	60.3	8.1	19.1	16.3	6.5	5.7
s638	420632	6950521	60.1	8.2	19.2	16.3	6.6	5.7
s639	420710	6950537	60.0	8.2	19.2	16.3	6.6	5.7
s640	420955	6950521	59.7	8.1	19.1	16.3	6.5	5.7
s641	417718	6950561	58.7	8.1	19.2	16.3	6.7	5.7
s642	420258	6950490	60.7	8.1	19.0	16.3	6.5	5.7
s643	420284	6950438	60.8	8.1	19.0	16.3	6.5	5.7
s644	420635	6950467	60.3	8.1	19.1	16.3	6.5	5.7
s645	420723	6950509	60.0	8.2	19.2	16.3	6.6	5.7
s646	420742	6950463	60.2	8.1	19.2	16.3	6.6	5.7
s647	420758	6950435	60.2	8.1	19.1	16.3	6.5	5.7
s648	420958	6950439	59.9	8.0	19.0	16.3	6.5	5.7
s649	420960	6950463	59.8	8.0	19.0	16.3	6.5	5.7
s650	420954	6950509	59.7	8.0	19.1	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s651	420909	6950509	59.8	8.1	19.1	16.3	6.5	5.7
s652	420891	6950512	59.8	8.1	19.1	16.3	6.5	5.7
s653	420861	6950500	59.9	8.1	19.1	16.3	6.5	5.7
s654	421575	6950478	59.2	8.0	19.1	16.3	6.6	5.7
s655	421989	6950476	58.9	8.0	19.0	16.2	6.5	5.7
s656	420498	6950433	60.5	8.1	19.0	16.3	6.5	5.7
s657	420579	6950428	60.4	8.1	19.0	16.3	6.5	5.7
s658	420620	6950364	60.5	8.0	19.0	16.3	6.5	5.7
s659	420741	6950358	60.5	8.1	19.1	16.3	6.5	5.7
s660	420732	6950374	60.4	8.1	19.1	16.3	6.5	5.7
s661	420683	6950428	60.4	8.1	19.1	16.3	6.5	5.7
s662	420769	6950407	60.3	8.1	19.1	16.3	6.5	5.7
s663	420797	6950384	60.3	8.1	19.1	16.3	6.5	5.7
s664	420905	6950395	60.2	8.0	19.1	16.3	6.5	5.7
s665	420958	6950368	60.2	8.0	19.0	16.3	6.5	5.7
s666	420958	6950395	60.1	8.0	19.0	16.3	6.5	5.7
s667	420949	6950420	60.0	8.0	19.0	16.3	6.5	5.7
s668	420846	6950347	60.4	8.0	19.1	16.3	6.5	5.7
s669	420776	6950310	60.5	8.0	19.1	16.3	6.5	5.7
s670	420860	6950326	60.4	8.0	19.1	16.3	6.5	5.7
s671	420793	6950286	60.6	8.0	19.1	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s672	420939	6950342	60.3	8.0	19.0	16.3	6.5	5.7
s673	420802	6950267	60.6	8.0	19.0	16.3	6.5	5.7
s674	420867	6950207	60.6	8.0	19.0	16.3	6.5	5.7
s675	420729	6950242	60.7	8.0	19.0	16.3	6.5	5.7
s676	420778	6950185	60.7	8.0	19.0	16.3	6.5	5.7
s677	420829	6950164	60.7	8.0	19.0	16.3	6.5	5.7
s678	420869	6950143	60.6	8.0	19.0	16.3	6.5	5.7
s679	420859	6950130	60.6	8.0	19.0	16.2	6.5	5.7
s680	421034	6950022	60.5	7.9	19.0	16.2	6.5	5.7
s681	421073	6950012	60.5	7.9	18.9	16.2	6.5	5.7
s682	421087	6950008	60.5	7.9	18.9	16.2	6.5	5.7
s683	421184	6949988	60.4	7.9	18.9	16.2	6.5	5.7
s684	421169	6949974	60.4	7.9	18.9	16.2	6.5	5.7
s685	421156	6949963	60.4	7.9	18.9	16.2	6.5	5.7
s686	421270	6949985	60.4	7.9	18.9	16.2	6.5	5.7
s687	421323	6949971	60.4	7.9	18.9	16.2	6.5	5.7
s688	421233	6949977	60.4	7.9	18.9	16.2	6.5	5.7
s689	421109	6949984	60.5	7.9	18.9	16.2	6.5	5.7
s690	421319	6949952	60.4	7.9	18.9	16.2	6.5	5.7
s691	421310	6949931	60.4	7.9	18.9	16.2	6.5	5.7
s692	421212	6949951	60.4	7.9	18.9	16.2	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s693	421258	6949952	60.4	7.9	18.9	16.2	6.5	5.7
s694	421156	6949943	60.4	7.9	18.9	16.2	6.5	5.7
s695	421147	6949929	60.4	7.9	18.9	16.2	6.5	5.7
s696	421307	6949917	60.4	7.9	18.9	16.2	6.5	5.7
s697	421299	6949904	60.3	7.9	18.9	16.2	6.5	5.7
s698	421291	6949888	60.3	7.9	18.9	16.2	6.5	5.7
s699	421201	6949921	60.4	7.9	18.9	16.2	6.5	5.7
s700	421213	6949935	60.4	7.9	18.9	16.2	6.5	5.7
s701	421161	6949897	60.4	7.9	18.9	16.2	6.5	5.7
s702	421191	6949904	60.4	7.9	18.9	16.2	6.5	5.7
s703	421112	6949900	60.4	7.9	18.9	16.2	6.5	5.7
s704	421095	6949907	60.4	7.9	18.9	16.2	6.5	5.7
s705	421061	6949922	60.4	7.9	18.9	16.2	6.5	5.7
s706	420982	6949923	60.4	7.9	18.9	16.2	6.5	5.7
s707	425786	6954732	57.5	8.0	18.9	16.3	6.5	5.7
s708	425797	6954679	57.5	8.0	18.9	16.3	6.5	5.7
s709	425794	6954629	57.5	8.0	18.9	16.3	6.5	5.7
s710	426521	6954652	57.5	8.0	18.9	16.3	6.5	5.7
s711	426629	6954630	57.5	8.0	18.9	16.3	6.5	5.7
s712	423323	6954531	57.5	8.0	18.9	16.2	6.5	5.7
s713	423909	6954569	57.5	8.0	18.9	16.2	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s714	425794	6954575	57.5	8.0	18.9	16.3	6.5	5.7
s715	426430	6954570	57.5	8.0	18.9	16.3	6.5	5.7
s716	426641	6954546	57.5	8.0	18.9	16.3	6.5	5.7
s717	425788	6954523	57.5	8.0	18.9	16.3	6.5	5.7
s718	425769	6954477	57.5	8.0	18.9	16.3	6.5	5.7
s719	426382	6954451	57.5	8.0	18.9	16.3	6.5	5.7
s720	426421	6954520	57.5	8.0	18.9	16.3	6.5	5.7
s721	426478	6954458	57.5	8.0	18.9	16.3	6.5	5.7
s722	422523	6954388	57.5	8.0	18.9	16.2	6.5	5.7
s723	425739	6954418	57.5	8.0	18.9	16.3	6.5	5.7
s724	426486	6954392	57.5	8.0	18.9	16.3	6.5	5.7
s725	425732	6954363	57.5	8.0	18.9	16.3	6.5	5.7
s726	425751	6954312	57.5	8.1	18.9	16.3	6.5	5.7
s727	426192	6954359	57.5	8.0	18.9	16.3	6.5	5.7
s728	426338	6954335	57.5	8.0	18.9	16.3	6.5	5.7
s729	426558	6954313	57.5	8.1	19.0	16.3	6.5	5.7
s730	425755	6954231	57.5	8.1	19.0	16.3	6.5	5.7
s731	426351	6954242	57.5	8.1	19.0	16.3	6.5	5.7
s732	426423	6954225	57.5	8.1	19.0	16.3	6.5	5.7
s733	425713	6954184	57.5	8.1	19.0	16.3	6.5	5.7
s734	424074	6954042	58.9	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s735	425742	6954108	57.5	8.1	19.0	16.3	6.5	5.7
s736	425733	6954060	57.5	8.1	19.0	16.3	6.5	5.7
s737	426224	6954096	57.5	8.1	19.0	16.3	6.5	5.7
s738	425709	6954006	57.9	8.1	19.0	16.3	6.5	5.7
s739	424499	6953909	59.7	8.1	19.0	16.3	6.5	5.7
s740	426381	6953920	59.2	8.2	19.1	16.3	6.5	5.7
s741	425582	6953837	58.1	8.2	19.1	16.3	6.5	5.7
s742	425136	6953853	58.7	8.1	19.0	16.3	6.5	5.7
s743	426983	6953809	57.5	8.4	19.2	16.4	6.6	5.8
s744	429503	6953755	66.0	8.2	19.1	16.3	6.6	5.7
s745	422820	6953692	57.5	8.1	19.0	16.3	6.5	5.7
s746	426551	6953723	60.0	8.4	19.2	16.4	6.6	5.8
s747	427454	6953690	57.6	8.6	19.3	16.4	6.6	5.8
s748	429359	6953710	66.5	8.2	19.1	16.3	6.6	5.7
s749	429503	6953690	66.5	8.2	19.1	16.3	6.6	5.7
s750	429610	6953682	66.0	8.2	19.1	16.3	6.6	5.7
s751	429579	6953740	65.8	8.2	19.1	16.3	6.6	5.7
s752	429771	6953685	58.1	8.2	19.1	16.3	6.6	5.7
s753	427299	6953617	58.1	8.7	19.4	16.5	6.6	5.8
s754	429677	6953668	65.0	8.2	19.1	16.3	6.6	5.7
s755	430183	6953632	58.1	8.3	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s756	423833	6953483	57.5	8.1	19.1	16.3	6.5	5.7
s757	429053	6953555	68.1	8.4	19.2	16.3	6.6	5.8
s758	430239	6953583	58.2	8.3	19.1	16.3	6.6	5.7
s759	430343	6953567	58.2	8.3	19.1	16.3	6.6	5.7
s760	430410	6953556	58.3	8.3	19.1	16.3	6.6	5.7
s761	422429	6953397	57.5	8.1	19.0	16.3	6.5	5.7
s762	423995	6953454	57.5	8.2	19.1	16.3	6.5	5.7
s763	426515	6953419	62.0	8.9	19.5	16.5	6.7	5.8
s764	426298	6953399	61.0	8.8	19.5	16.5	6.7	5.8
s765	426879	6953367	60.1	9.3	19.7	16.6	6.8	5.8
s766	430309	6953235	72.8	8.5	19.2	16.4	6.6	5.8
s767	432220	6953285	63.4	8.4	19.2	16.4	6.7	5.8
s768	423798	6953128	57.5	8.4	19.4	16.4	6.6	5.8
s769	424003	6953155	57.5	8.3	19.3	16.3	6.6	5.7
s770	432452	6953209	63.3	8.4	19.3	16.4	6.7	5.8
s771	422836	6952998	57.5	8.5	19.3	16.4	6.6	5.8
s772	429261	6953073	68.8	8.9	19.5	16.5	6.7	5.8
s773	423303	6952994	57.5	9.0	19.8	16.5	6.8	5.8
s774	431404	6952960	71.4	8.5	19.3	16.4	6.7	5.8
s775	429224	6952729	69.8	9.5	19.9	16.6	6.8	5.8
s776	427840	6952737	78.2	18.0	24.8	19.0	8.5	6.6

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s777	427695	6952767	80.8	17.5	24.4	18.8	8.3	6.6
s778	422494	6952608	57.5	8.7	19.4	16.4	6.7	5.8
s779	423663	6952642	61.7	11.3	21.4	17.1	7.3	6.0
s780	429294	6952646	75.0	9.5	19.9	16.6	6.9	5.8
s781	430009	6952662	87.0	9.0	19.6	16.5	6.8	5.8
s782	429195	6952566	79.8	9.7	20.1	16.7	6.9	5.9
s783	429211	6952603	78.5	9.6	20.1	16.6	6.9	5.9
s784	429233	6952566	81.2	9.6	20.1	16.6	6.9	5.9
s785	429245	6952565	81.6	9.6	20.1	16.6	6.9	5.9
s786	429268	6952562	82.2	9.6	20.0	16.6	6.9	5.8
s787	430194	6952624	78.2	8.9	19.6	16.5	6.8	5.8
s788	431403	6952599	87.6	8.8	19.5	16.4	6.8	5.8
s789	428892	6952489	67.9	10.0	20.5	16.7	7.0	5.9
s790	429007	6952479	74.6	10.0	20.5	16.7	7.0	5.9
s791	429015	6952477	74.7	10.0	20.5	16.7	7.0	5.9
s792	428996	6952478	74.1	10.0	20.5	16.7	7.0	5.9
s793	428988	6952480	73.4	10.0	20.5	16.7	7.0	5.9
s794	428975	6952481	72.7	10.0	20.5	16.7	7.0	5.9
s795	428968	6952482	72.3	10.0	20.5	16.7	7.0	5.9
s796	429133	6952502	76.7	9.8	20.3	16.7	7.0	5.9
s797	428916	6952531	70.3	9.9	20.5	16.7	7.0	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s798	429181	6952492	81.1	9.8	20.3	16.7	7.0	5.9
s799	429185	6952517	81.0	9.7	20.2	16.7	6.9	5.9
s800	429191	6952541	80.6	9.7	20.2	16.7	6.9	5.9
s801	429248	6952548	82.8	9.6	20.1	16.6	6.9	5.9
s802	429247	6952535	83.6	9.6	20.1	16.7	6.9	5.9
s803	429244	6952519	84.3	9.7	20.1	16.7	6.9	5.9
s804	429243	6952508	84.9	9.7	20.1	16.7	6.9	5.9
s805	429240	6952495	85.3	9.7	20.2	16.7	6.9	5.9
s806	429237	6952483	85.7	9.7	20.2	16.7	6.9	5.9
s807	429215	6952488	83.9	9.7	20.2	16.7	6.9	5.9
s808	429215	6952500	83.5	9.7	20.2	16.7	6.9	5.9
s809	429217	6952512	83.3	9.7	20.2	16.7	6.9	5.9
s810	429219	6952525	82.8	9.7	20.1	16.7	6.9	5.9
s811	429222	6952541	82.2	9.7	20.1	16.7	6.9	5.9
s812	429225	6952552	81.7	9.6	20.1	16.7	6.9	5.9
s813	429265	6952550	83.2	9.6	20.1	16.6	6.9	5.9
s814	429264	6952540	83.8	9.6	20.1	16.6	6.9	5.9
s815	429261	6952529	84.5	9.6	20.1	16.6	6.9	5.9
s816	429260	6952514	85.4	9.6	20.1	16.7	6.9	5.9
s817	429258	6952500	86.1	9.7	20.1	16.7	6.9	5.9
s818	429256	6952491	86.5	9.7	20.2	16.7	6.9	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s819	429254	6952480	87.0	9.7	20.2	16.7	6.9	5.9
s820	429278	6952480	88.3	9.7	20.1	16.7	6.9	5.9
s821	429299	6952482	89.0	9.6	20.1	16.6	6.9	5.9
s822	429317	6952487	89.2	9.6	20.1	16.6	6.9	5.9
s823	429318	6952500	88.0	9.6	20.1	16.6	6.9	5.8
s824	429321	6952509	87.1	9.6	20.1	16.6	6.9	5.8
s825	429324	6952531	85.1	9.6	20.0	16.6	6.9	5.8
s826	429321	6952523	85.9	9.6	20.0	16.6	6.9	5.8
s827	429327	6952552	83.0	9.5	20.0	16.6	6.9	5.8
s828	429324	6952544	83.8	9.6	20.0	16.6	6.9	5.8
s829	429348	6952550	82.8	9.5	20.0	16.6	6.9	5.8
s830	429349	6952539	83.8	9.5	20.0	16.6	6.9	5.8
s831	429345	6952527	85.1	9.5	20.0	16.6	6.9	5.8
s832	429345	6952518	86.0	9.6	20.0	16.6	6.9	5.8
s833	429354	6952477	90.3	9.6	20.1	16.6	6.9	5.8
s834	431339	6952544	84.1	8.8	19.5	16.5	6.8	5.8
s835	425782	6952431	71.6	12.6	23.4	17.5	8.0	6.1
s836	429517	6952400	92.9	9.5	20.0	16.6	7.0	5.8
s837	429498	6952401	92.8	9.5	20.0	16.6	7.0	5.8
s838	429480	6952405	93.6	9.6	20.0	16.6	7.0	5.8
s839	429444	6952408	95.7	9.6	20.1	16.6	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s840	429427	6952414	95.7	9.6	20.1	16.6	6.9	5.8
s841	429409	6952412	95.8	9.6	20.1	16.6	6.9	5.8
s842	429388	6952418	95.7	9.6	20.1	16.6	6.9	5.9
s843	429368	6952420	95.7	9.6	20.1	16.6	6.9	5.9
s844	429339	6952427	95.0	9.7	20.1	16.6	6.9	5.9
s845	429334	6952408	95.7	9.7	20.2	16.7	6.9	5.9
s846	429290	6952414	92.8	9.7	20.2	16.7	6.9	5.9
s847	429290	6952434	91.8	9.7	20.2	16.7	6.9	5.9
s848	429259	6952434	89.3	9.7	20.2	16.7	7.0	5.9
s849	429241	6952441	87.4	9.7	20.2	16.7	7.0	5.9
s850	429224	6952444	85.6	9.8	20.2	16.7	7.0	5.9
s851	429205	6952446	83.8	9.8	20.3	16.7	7.0	5.9
s852	429176	6952451	80.8	9.8	20.3	16.7	7.0	5.9
s853	429171	6952433	80.1	9.9	20.3	16.7	7.0	5.9
s854	429164	6952410	78.9	9.9	20.4	16.7	7.0	5.9
s855	428841	6952405	69.5	10.3	20.8	16.8	7.1	5.9
s856	428958	6952398	71.6	10.2	20.7	16.8	7.1	5.9
s857	428959	6952408	71.9	10.2	20.7	16.8	7.1	5.9
s858	428961	6952417	72.0	10.1	20.6	16.8	7.1	5.9
s859	428964	6952428	72.3	10.1	20.6	16.8	7.1	5.9
s860	429016	6952399	74.8	10.1	20.6	16.8	7.1	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s861	429013	6952411	74.8	10.1	20.6	16.8	7.1	5.9
s862	429015	6952419	74.8	10.1	20.6	16.8	7.1	5.9
s863	428967	6952446	72.7	10.1	20.6	16.8	7.1	5.9
s864	428967	6952438	72.7	10.1	20.6	16.8	7.1	5.9
s865	429020	6952439	74.8	10.1	20.5	16.8	7.0	5.9
s866	429021	6952429	74.9	10.1	20.6	16.8	7.1	5.9
s867	429027	6952451	74.8	10.0	20.5	16.7	7.0	5.9
s868	429029	6952474	74.8	10.0	20.5	16.7	7.0	5.9
s869	429066	6952466	75.1	10.0	20.4	16.7	7.0	5.9
s870	429075	6952465	75.1	9.9	20.4	16.7	7.0	5.9
s871	429085	6952464	75.2	9.9	20.4	16.7	7.0	5.9
s872	429094	6952463	75.2	9.9	20.4	16.7	7.0	5.9
s873	429065	6952430	75.2	10.0	20.5	16.7	7.0	5.9
s874	429064	6952423	75.2	10.0	20.5	16.7	7.0	5.9
s875	429130	6952459	76.0	9.9	20.4	16.7	7.0	5.9
s876	429126	6952443	75.5	9.9	20.4	16.7	7.0	5.9
s877	429124	6952433	75.6	9.9	20.4	16.7	7.0	5.9
s878	429123	6952423	75.6	9.9	20.4	16.7	7.0	5.9
s879	429123	6952413	75.7	10.0	20.5	16.7	7.0	5.9
s880	429120	6952402	75.7	10.0	20.5	16.7	7.0	5.9
s881	429062	6952411	75.2	10.1	20.6	16.8	7.1	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s882	429066	6952401	75.3	10.1	20.6	16.8	7.1	5.9
s883	429313	6952473	90.2	9.6	20.1	16.6	6.9	5.9
s884	431531	6952410	91.2	9.0	19.6	16.5	6.9	5.8
s885	421991	6952351	57.5	8.7	19.6	16.4	6.7	5.8
s886	424652	6952309	71.4	12.5	22.7	17.4	7.8	6.1
s887	428943	6952322	72.4	10.5	21.1	16.9	7.2	5.9
s888	428888	6952316	75.1	10.7	21.3	16.9	7.3	5.9
s889	429365	6952320	96.5	9.8	20.2	16.7	7.0	5.9
s890	429317	6952328	96.0	9.8	20.3	16.7	7.0	5.9
s891	429291	6952327	95.6	9.8	20.3	16.7	7.0	5.9
s892	429273	6952329	93.0	9.8	20.3	16.7	7.0	5.9
s893	429257	6952334	90.7	9.8	20.4	16.7	7.0	5.9
s894	429240	6952339	88.0	9.9	20.4	16.7	7.0	5.9
s895	429223	6952338	85.3	9.9	20.4	16.7	7.0	5.9
s896	429209	6952340	83.2	9.9	20.4	16.7	7.0	5.9
s897	429189	6952344	80.4	9.9	20.5	16.7	7.0	5.9
s898	429153	6952333	76.3	10.0	20.5	16.7	7.1	5.9
s899	429156	6952349	76.3	10.0	20.5	16.7	7.0	5.9
s900	429537	6952337	96.3	9.6	20.1	16.6	7.1	5.8
s901	429541	6952355	93.5	9.6	20.0	16.6	7.1	5.8
s902	429545	6952375	93.2	9.5	20.0	16.6	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s903	429548	6952395	92.9	9.5	20.0	16.6	7.0	5.8
s904	429509	6952341	98.2	9.6	20.1	16.6	7.1	5.8
s905	429492	6952345	98.4	9.6	20.1	16.6	7.0	5.8
s906	429472	6952351	98.3	9.6	20.1	16.6	7.0	5.9
s907	429459	6952395	95.7	9.6	20.1	16.6	7.0	5.8
s908	429453	6952353	98.2	9.6	20.1	16.6	7.0	5.9
s909	429437	6952355	97.7	9.7	20.1	16.6	7.0	5.9
s910	429419	6952360	96.6	9.7	20.1	16.6	7.0	5.9
s911	429398	6952359	96.4	9.7	20.1	16.6	6.9	5.9
s912	429380	6952373	96.2	9.7	20.1	16.7	6.9	5.9
s913	429361	6952364	96.2	9.7	20.2	16.7	6.9	5.9
s914	429330	6952385	95.8	9.7	20.2	16.7	6.9	5.9
s915	429327	6952368	95.9	9.7	20.2	16.7	7.0	5.9
s916	429283	6952373	93.6	9.8	20.3	16.7	7.0	5.9
s917	429287	6952393	93.4	9.7	20.2	16.7	7.0	5.9
s918	429252	6952380	89.8	9.8	20.3	16.7	7.0	5.9
s919	429231	6952390	87.1	9.8	20.3	16.7	7.0	5.9
s920	429214	6952391	84.9	9.8	20.4	16.7	7.0	5.9
s921	429199	6952391	83.0	9.9	20.4	16.7	7.0	5.9
s922	429168	6952390	78.9	9.9	20.4	16.7	7.0	5.9
s923	428840	6952382	70.2	10.5	21.0	16.9	7.2	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s924	428863	6952381	70.2	10.5	21.0	16.9	7.2	5.9
s925	428880	6952387	70.1	10.4	20.9	16.9	7.2	5.9
s926	428913	6952385	70.0	10.4	20.9	16.8	7.2	5.9
s927	428955	6952362	70.5	10.3	20.9	16.8	7.1	5.9
s928	428971	6952360	72.0	10.3	20.8	16.8	7.1	5.9
s929	429007	6952350	74.7	10.3	20.8	16.8	7.1	5.9
s930	429008	6952359	74.7	10.2	20.8	16.8	7.1	5.9
s931	429008	6952370	74.8	10.2	20.7	16.8	7.1	5.9
s932	429009	6952379	74.8	10.2	20.7	16.8	7.1	5.9
s933	428955	6952378	71.1	10.3	20.8	16.8	7.1	5.9
s934	428956	6952388	71.5	10.3	20.8	16.8	7.1	5.9
s935	429011	6952389	74.8	10.2	20.7	16.8	7.1	5.9
s936	429118	6952394	75.8	10.0	20.5	16.7	7.0	5.9
s937	429113	6952382	75.8	10.0	20.5	16.7	7.0	5.9
s938	429112	6952375	75.8	10.0	20.5	16.7	7.1	5.9
s939	429062	6952391	75.3	10.1	20.6	16.8	7.1	5.9
s940	429060	6952382	75.3	10.1	20.6	16.8	7.1	5.9
s941	429055	6952362	75.2	10.1	20.7	16.8	7.1	5.9
s942	429057	6952370	75.3	10.1	20.7	16.8	7.1	5.9
s943	429058	6952349	75.3	10.1	20.7	16.8	7.1	5.9
s944	429049	6952343	75.2	10.2	20.7	16.8	7.1	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s945	429094	6952343	75.7	10.1	20.6	16.8	7.1	5.9
s946	429110	6952340	75.8	10.1	20.6	16.8	7.1	5.9
s947	429107	6952354	75.8	10.0	20.6	16.8	7.1	5.9
s948	429108	6952363	75.8	10.0	20.6	16.7	7.1	5.9
s949	430222	6952337	92.1	9.2	19.8	16.5	6.9	5.8
s950	423212	6952251	71.8	11.5	22.5	17.2	7.7	6.0
s951	423260	6952257	71.8	11.4	22.6	17.1	7.7	6.0
s952	424328	6952223	69.3	10.9	21.8	17.0	7.4	6.0
s953	424419	6952251	69.7	11.5	22.2	17.2	7.6	6.0
s954	424564	6952212	68.5	10.8	21.6	17.0	7.4	6.0
s955	424707	6952274	69.7	11.7	22.2	17.2	7.6	6.0
s956	428732	6952238	80.7	11.6	22.4	17.2	7.7	6.0
s957	428933	6952245	80.7	10.7	21.4	16.9	7.3	5.9
s958	429227	6952239	82.8	10.0	20.5	16.7	7.0	5.9
s959	429186	6952241	79.1	10.0	20.6	16.7	7.1	5.9
s960	429142	6952254	76.0	10.1	20.7	16.8	7.1	5.9
s961	429095	6952239	79.7	10.2	20.8	16.8	7.1	5.9
s962	429098	6952256	75.5	10.2	20.8	16.8	7.1	5.9
s963	429097	6952275	75.5	10.1	20.8	16.8	7.1	5.9
s964	429099	6952283	75.6	10.1	20.7	16.8	7.1	5.9
s965	429099	6952296	75.6	10.1	20.7	16.8	7.1	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s966	429068	6952298	75.2	10.2	20.8	16.8	7.1	5.9
s967	429059	6952298	75.1	10.2	20.8	16.8	7.1	5.9
s968	429047	6952304	75.0	10.2	20.8	16.8	7.1	5.9
s969	429041	6952304	74.9	10.2	20.8	16.8	7.1	5.9
s970	429029	6952298	74.8	10.3	20.9	16.8	7.2	5.9
s971	429021	6952306	74.7	10.3	20.9	16.8	7.2	5.9
s972	429008	6952310	74.2	10.3	20.9	16.8	7.2	5.9
s973	429001	6952311	73.9	10.3	20.9	16.8	7.2	5.9
s974	428990	6952313	73.7	10.4	20.9	16.8	7.2	5.9
s975	428980	6952314	73.5	10.4	21.0	16.9	7.2	5.9
s976	428980	6952277	77.2	10.5	21.1	16.9	7.2	5.9
s977	428979	6952255	80.4	10.5	21.2	16.9	7.3	5.9
s978	428934	6952264	80.4	10.7	21.3	16.9	7.3	5.9
s979	428936	6952285	77.7	10.6	21.3	16.9	7.3	5.9
s980	428940	6952303	75.0	10.6	21.1	16.9	7.2	5.9
s981	428899	6952315	74.8	10.7	21.2	16.9	7.3	5.9
s982	428909	6952311	74.9	10.6	21.2	16.9	7.3	5.9
s983	429571	6952258	102.3	9.7	20.1	16.7	7.2	5.9
s984	429574	6952278	101.9	9.7	20.1	16.6	7.2	5.9
s985	429578	6952299	98.2	9.6	20.1	16.6	7.1	5.9
s986	429582	6952318	94.1	9.6	20.1	16.6	7.1	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s987	429498	6952243	103.1	9.8	20.2	16.7	7.1	5.9
s988	429480	6952248	103.0	9.8	20.2	16.7	7.1	5.9
s989	429462	6952256	102.8	9.8	20.2	16.7	7.1	5.9
s990	429528	6952254	102.8	9.8	20.2	16.7	7.2	5.9
s991	429528	6952275	102.5	9.7	20.1	16.7	7.1	5.9
s992	429533	6952296	102.0	9.7	20.1	16.6	7.1	5.9
s993	429506	6952297	102.2	9.7	20.1	16.7	7.1	5.9
s994	429487	6952301	102.2	9.7	20.1	16.7	7.1	5.9
s995	429467	6952299	102.2	9.7	20.2	16.7	7.0	5.9
s996	429442	6952252	102.7	9.8	20.2	16.7	7.0	5.9
s997	429450	6952307	102.1	9.7	20.2	16.7	7.0	5.9
s998	429430	6952307	102.0	9.7	20.2	16.7	7.0	5.9
s999	429424	6952254	102.5	9.8	20.3	16.7	7.0	5.9
s1000	429405	6952256	102.3	9.8	20.3	16.7	7.0	5.9
s1001	429412	6952313	101.6	9.7	20.2	16.7	7.0	5.9
s1002	429391	6952310	99.9	9.7	20.2	16.7	7.0	5.9
s1003	429386	6952259	102.0	9.8	20.3	16.7	7.0	5.9
s1004	429358	6952262	98.9	9.8	20.3	16.7	7.0	5.9
s1005	429360	6952280	98.3	9.8	20.3	16.7	7.0	5.9
s1006	429365	6952298	97.7	9.8	20.2	16.7	7.0	5.9
s1007	429314	6952269	96.0	9.9	20.4	16.7	7.0	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1008	429317	6952287	96.0	9.8	20.3	16.7	7.0	5.9
s1009	429319	6952309	96.0	9.8	20.3	16.7	7.0	5.9
s1010	429283	6952274	93.8	9.9	20.4	16.7	7.0	5.9
s1011	429265	6952277	90.7	9.9	20.4	16.7	7.0	5.9
s1012	429249	6952278	87.7	9.9	20.4	16.7	7.0	5.9
s1013	429230	6952282	84.4	9.9	20.5	16.7	7.0	5.9
s1014	429212	6952287	81.6	9.9	20.5	16.7	7.0	5.9
s1015	429197	6952286	78.9	10.0	20.5	16.7	7.0	5.9
s1016	429181	6952290	76.7	10.0	20.6	16.7	7.1	5.9
s1017	429148	6952292	76.2	10.0	20.6	16.7	7.1	5.9
s1018	429152	6952312	76.3	10.0	20.6	16.7	7.1	5.9
s1019	430552	6952258	87.2	9.3	20.0	16.6	7.0	5.8
s1020	423195	6952131	67.3	10.0	21.0	16.8	7.2	5.9
s1021	423271	6952188	69.3	10.4	21.5	16.9	7.3	5.9
s1022	423263	6952136	66.7	9.9	20.9	16.7	7.2	5.9
s1023	423660	6952142	67.9	9.7	20.9	16.7	7.1	5.9
s1024	423716	6952187	69.7	10.2	21.4	16.8	7.3	5.9
s1025	423788	6952168	69.6	10.1	21.2	16.8	7.3	5.9
s1026	423835	6952151	69.4	9.9	21.1	16.7	7.2	5.9
s1027	423944	6952165	69.6	10.1	21.2	16.8	7.3	5.9
s1028	424000	6952173	69.5	10.1	21.3	16.8	7.3	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1029	424086	6952173	68.4	10.1	21.3	16.8	7.3	5.9
s1030	424179	6952197	68.4	10.4	21.5	16.9	7.3	5.9
s1031	424271	6952195	68.0	10.5	21.5	16.9	7.3	5.9
s1032	424491	6952202	68.5	10.7	21.6	17.0	7.4	6.0
s1033	424658	6952200	68.3	10.7	21.5	16.9	7.3	5.9
s1034	428716	6952158	80.6	12.6	23.7	17.5	8.1	6.1
s1035	428716	6952173	80.7	12.6	23.6	17.5	8.1	6.1
s1036	428721	6952188	80.7	12.4	23.3	17.4	8.0	6.1
s1037	428724	6952198	80.8	12.4	23.2	17.4	7.9	6.1
s1038	428717	6952209	80.7	12.4	23.2	17.4	7.9	6.1
s1039	428727	6952225	80.7	11.9	22.7	17.3	7.8	6.1
s1040	428769	6952173	80.9	12.0	23.0	17.3	7.9	6.1
s1041	428767	6952160	80.9	12.1	23.1	17.3	7.9	6.1
s1042	428770	6952180	80.9	12.0	22.9	17.3	7.8	6.1
s1043	428966	6952177	89.5	10.7	21.4	16.9	7.3	5.9
s1044	428916	6952180	85.7	10.9	21.7	17.0	7.4	6.0
s1045	428924	6952206	82.3	10.8	21.6	17.0	7.4	6.0
s1046	428969	6952193	87.1	10.6	21.4	16.9	7.3	5.9
s1047	428974	6952216	83.0	10.6	21.3	16.9	7.3	5.9
s1048	428929	6952226	80.9	10.8	21.5	17.0	7.4	6.0
s1049	428979	6952235	80.7	10.5	21.2	16.9	7.3	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1050	429561	6952162	104.4	10.1	20.3	16.7	7.3	5.9
s1051	429562	6952179	104.1	10.0	20.3	16.7	7.2	5.9
s1052	429565	6952199	103.6	9.9	20.2	16.7	7.2	5.9
s1053	429518	6952195	103.9	10.0	20.3	16.7	7.2	5.9
s1054	429514	6952175	104.2	10.0	20.3	16.7	7.2	5.9
s1055	429439	6952164	103.5	10.1	20.4	16.7	7.2	5.9
s1056	429447	6952185	103.5	10.0	20.4	16.7	7.1	5.9
s1057	429442	6952203	103.3	10.0	20.3	16.7	7.1	5.9
s1058	429468	6952200	103.6	10.0	20.3	16.7	7.1	5.9
s1059	429217	6952160	103.5	10.1	20.7	16.8	7.1	5.9
s1060	429218	6952178	97.3	10.1	20.6	16.8	7.1	5.9
s1061	429219	6952198	90.3	10.0	20.6	16.8	7.1	5.9
s1062	429224	6952219	83.3	10.0	20.6	16.7	7.1	5.9
s1063	429185	6952233	79.9	10.0	20.6	16.7	7.1	5.9
s1064	429184	6952215	85.9	10.1	20.6	16.8	7.1	5.9
s1065	429183	6952203	89.7	10.1	20.7	16.8	7.1	5.9
s1066	429180	6952189	94.3	10.1	20.7	16.8	7.1	5.9
s1067	429180	6952179	97.8	10.1	20.7	16.8	7.1	5.9
s1068	429177	6952167	101.5	10.2	20.8	16.8	7.1	5.9
s1069	429139	6952234	80.7	10.1	20.7	16.8	7.1	5.9
s1070	429136	6952213	87.1	10.1	20.8	16.8	7.1	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1071	429134	6952191	93.7	10.2	20.8	16.8	7.1	5.9
s1072	429130	6952175	98.2	10.2	20.9	16.8	7.2	5.9
s1073	429389	6952173	102.5	10.0	20.4	16.7	7.1	5.9
s1074	429395	6952193	102.5	10.0	20.4	16.7	7.1	5.9
s1075	429396	6952211	102.5	9.9	20.4	16.7	7.1	5.9
s1076	429384	6952213	102.2	9.9	20.4	16.7	7.1	5.9
s1077	429353	6952183	99.3	10.0	20.4	16.7	7.1	5.9
s1078	429361	6952219	100.7	9.9	20.4	16.7	7.1	5.9
s1079	429337	6952205	96.2	10.0	20.4	16.7	7.1	5.9
s1080	429316	6952193	95.7	10.0	20.5	16.7	7.1	5.9
s1081	429301	6952190	92.8	10.0	20.5	16.7	7.1	5.9
s1082	429265	6952194	88.5	10.0	20.5	16.7	7.1	5.9
s1083	429268	6952214	87.7	10.0	20.5	16.7	7.0	5.9
s1084	429270	6952233	89.4	9.9	20.5	16.7	7.0	5.9
s1085	429083	6952178	95.9	10.3	21.0	16.8	7.2	5.9
s1086	429087	6952198	90.9	10.3	20.9	16.8	7.2	5.9
s1087	429090	6952220	84.9	10.2	20.9	16.8	7.2	5.9
s1088	429568	6952216	103.2	9.9	20.2	16.7	7.2	5.9
s1089	429571	6952237	102.8	9.8	20.2	16.7	7.2	5.9
s1090	429524	6952236	103.2	9.8	20.2	16.7	7.2	5.9
s1091	423038	6952078	64.8	10.2	21.0	16.8	7.2	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1092	423907	6952058	66.0	9.3	20.4	16.6	7.0	5.8
s1093	424495	6952110	65.9	9.8	20.8	16.7	7.1	5.9
s1094	424649	6952118	66.3	9.9	20.9	16.7	7.1	5.9
s1095	428640	6952146	76.9	13.2	23.9	17.7	8.2	6.2
s1096	428655	6952150	78.2	13.0	23.8	17.6	8.1	6.2
s1097	428670	6952145	78.8	13.1	24.0	17.6	8.2	6.2
s1098	428692	6952136	79.5	12.8	23.9	17.6	8.2	6.2
s1099	428712	6952129	80.3	12.7	23.8	17.5	8.1	6.1
s1100	428749	6952129	80.6	12.3	23.4	17.4	8.0	6.1
s1101	428757	6952129	80.6	12.3	23.3	17.4	8.0	6.1
s1102	428768	6952130	80.7	12.2	23.2	17.4	7.9	6.1
s1103	428779	6952126	80.8	12.1	23.1	17.4	7.9	6.1
s1104	428793	6952123	81.8	12.0	23.0	17.3	7.9	6.1
s1105	428802	6952122	82.5	12.0	22.9	17.3	7.8	6.1
s1106	428835	6952134	84.4	11.6	22.5	17.2	7.7	6.0
s1107	428854	6952114	86.6	11.6	22.4	17.2	7.7	6.0
s1108	428873	6952112	88.3	11.5	22.3	17.2	7.6	6.0
s1109	428899	6952115	90.5	11.2	22.1	17.1	7.5	6.0
s1110	428916	6952101	92.9	11.2	22.0	17.1	7.5	6.0
s1111	428935	6952097	95.0	11.1	21.9	17.1	7.5	6.0
s1112	428954	6952102	96.9	11.0	21.8	17.0	7.4	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1113	428972	6952101	99.1	10.9	21.7	17.0	7.4	6.0
s1114	428993	6952101	101.4	10.8	21.6	17.0	7.4	6.0
s1115	428967	6952133	95.8	10.8	21.6	17.0	7.4	6.0
s1116	428968	6952156	93.0	10.7	21.5	16.9	7.4	6.0
s1117	429548	6952100	105.6	10.3	20.6	16.8	7.3	5.9
s1118	429554	6952113	105.4	10.3	20.5	16.8	7.3	5.9
s1119	429556	6952123	105.2	10.2	20.4	16.8	7.3	5.9
s1120	429556	6952134	105.0	10.2	20.4	16.8	7.3	5.9
s1121	429557	6952143	104.8	10.1	20.4	16.7	7.3	5.9
s1122	429560	6952155	104.6	10.1	20.4	16.7	7.3	5.9
s1123	429511	6952154	104.5	10.1	20.4	16.7	7.2	5.9
s1124	429506	6952131	104.8	10.2	20.5	16.8	7.2	5.9
s1125	429506	6952114	105.0	10.3	20.5	16.8	7.2	5.9
s1126	429502	6952094	105.1	10.4	20.6	16.8	7.3	5.9
s1127	429422	6952087	107.0	10.4	20.6	16.8	7.2	5.9
s1128	429428	6952106	103.4	10.3	20.6	16.8	7.2	5.9
s1129	429432	6952127	103.5	10.2	20.5	16.8	7.2	5.9
s1130	429434	6952143	103.5	10.1	20.5	16.8	7.2	5.9
s1131	429373	6952083	108.2	10.4	20.7	16.8	7.2	5.9
s1132	429377	6952104	107.1	10.3	20.6	16.8	7.2	5.9
s1133	429375	6952118	104.7	10.2	20.6	16.8	7.2	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s1134	429381	6952140	102.3	10.1	20.5	16.8	7.2	5.9
s1135	429345	6952138	100.3	10.1	20.5	16.8	7.1	5.9
s1136	429326	6952144	100.1	10.1	20.5	16.8	7.1	5.9
s1137	429295	6952148	101.9	10.1	20.6	16.8	7.1	5.9
s1138	429264	6952158	101.6	10.1	20.6	16.8	7.1	5.9
s1139	429257	6952141	106.8	10.1	20.6	16.8	7.1	5.9
s1140	429253	6952117	107.7	10.2	20.7	16.8	7.1	5.9
s1141	429251	6952099	108.2	10.3	20.7	16.8	7.1	5.9
s1142	429203	6952102	108.1	10.3	20.8	16.8	7.1	5.9
s1143	429208	6952119	107.7	10.2	20.8	16.8	7.1	5.9
s1144	429209	6952138	107.1	10.2	20.7	16.8	7.1	5.9
s1145	429174	6952152	105.8	10.2	20.8	16.8	7.1	5.9
s1146	429172	6952142	106.9	10.2	20.8	16.8	7.1	5.9
s1147	429128	6952153	104.1	10.3	20.9	16.8	7.2	5.9
s1148	429126	6952132	106.9	10.3	21.0	16.8	7.2	5.9
s1149	429123	6952113	107.3	10.4	21.0	16.9	7.2	5.9
s1150	429117	6952089	107.6	10.5	21.1	16.9	7.2	5.9
s1151	429050	6952084	106.9	10.6	21.4	16.9	7.3	5.9
s1152	429074	6952100	107.0	10.5	21.2	16.9	7.3	5.9
s1153	429077	6952120	106.8	10.5	21.2	16.9	7.3	5.9
s1154	429074	6952137	104.4	10.4	21.1	16.9	7.2	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s1155	431684	6952153	111.0	9.5	20.0	16.6	7.1	5.8
s1156	432347	6952097	81.1	9.3	19.9	16.6	7.0	5.8
s1157	423052	6951986	60.3	9.4	20.3	16.6	6.9	5.8
s1158	423235	6952024	62.2	9.2	20.2	16.6	6.9	5.8
s1159	423694	6952036	64.1	9.1	20.1	16.5	6.9	5.8
s1160	423775	6952012	64.2	9.0	20.1	16.5	6.9	5.8
s1161	423705	6951998	63.2	8.9	20.0	16.5	6.8	5.8
s1162	424316	6951987	63.4	9.0	20.0	16.5	6.9	5.8
s1163	424100	6952020	64.7	9.1	20.2	16.5	6.9	5.8
s1164	424240	6952008	63.9	9.1	20.1	16.5	6.9	5.8
s1165	424484	6951977	63.3	9.1	20.1	16.5	6.9	5.8
s1166	424630	6952042	64.6	9.4	20.4	16.6	7.0	5.8
s1167	428698	6952037	75.3	13.7	24.1	17.8	8.2	6.2
s1168	428888	6952051	89.8	11.7	22.4	17.2	7.7	6.0
s1169	428906	6952053	91.8	11.5	22.3	17.2	7.6	6.0
s1170	428922	6952050	93.6	11.4	22.2	17.2	7.6	6.0
s1171	428938	6952046	95.2	11.4	22.1	17.1	7.6	6.0
s1172	428931	6952016	92.3	11.6	22.3	17.2	7.6	6.0
s1173	428885	6952005	86.0	12.0	22.6	17.4	7.7	6.1
s1174	428930	6952000	90.4	11.8	22.4	17.3	7.7	6.1
s1175	428983	6952044	100.6	11.1	21.9	17.1	7.5	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s1176	429002	6952044	103.1	11.0	21.8	17.1	7.5	6.0
s1177	429020	6952043	105.4	11.0	21.7	17.0	7.4	6.0
s1178	429045	6952035	106.9	10.9	21.6	17.0	7.4	6.0
s1179	429065	6952033	107.1	10.9	21.5	17.0	7.4	6.0
s1180	428974	6952005	96.2	11.5	22.1	17.2	7.6	6.0
s1181	429108	6952025	107.7	10.8	21.4	17.0	7.3	6.0
s1182	429124	6952027	108.0	10.8	21.4	17.0	7.3	6.0
s1183	429146	6952023	108.3	10.8	21.3	17.0	7.3	6.0
s1184	429165	6952021	108.5	10.8	21.3	17.0	7.3	6.0
s1185	429210	6952006	109.2	10.8	21.2	17.0	7.3	6.0
s1186	429225	6952008	109.4	10.7	21.1	17.0	7.2	6.0
s1187	429265	6952003	110.2	10.8	21.1	17.0	7.2	6.0
s1188	429244	6952007	109.8	10.7	21.1	17.0	7.2	6.0
s1189	429281	6952000	110.4	10.8	21.1	17.0	7.2	6.0
s1190	429612	6952002	107.9	11.0	21.2	16.9	7.5	6.0
s1191	429591	6952005	107.6	10.9	21.1	16.9	7.5	6.0
s1192	429572	6952008	107.2	10.9	21.1	16.9	7.5	6.0
s1193	429550	6952013	107.0	10.8	21.0	16.9	7.4	5.9
s1194	429553	6952029	106.6	10.7	21.0	16.9	7.4	5.9
s1195	429532	6952015	107.6	10.8	21.0	16.9	7.4	5.9
s1196	429539	6952040	106.3	10.7	20.9	16.9	7.4	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s1197	429541	6952060	106.1	10.6	20.8	16.8	7.4	5.9
s1198	429548	6952080	105.9	10.4	20.7	16.8	7.3	5.9
s1199	429498	6952075	105.2	10.5	20.7	16.8	7.3	5.9
s1200	429495	6952056	105.1	10.5	20.8	16.9	7.3	5.9
s1201	429494	6952016	108.9	10.8	21.0	16.9	7.4	5.9
s1202	429473	6952019	109.3	10.7	21.0	16.9	7.4	5.9
s1203	429452	6952022	109.7	10.7	20.9	16.9	7.3	5.9
s1204	429434	6952029	109.8	10.6	20.9	16.9	7.3	5.9
s1205	429414	6952030	110.1	10.6	20.9	16.9	7.3	5.9
s1206	429422	6952067	108.1	10.4	20.7	16.8	7.3	5.9
s1207	429375	6952038	110.3	10.6	20.9	16.9	7.2	5.9
s1208	429355	6952044	110.2	10.5	20.8	16.9	7.2	5.9
s1209	429333	6952045	110.2	10.5	20.9	16.9	7.2	5.9
s1210	429312	6952046	110.0	10.5	20.9	16.9	7.2	5.9
s1211	429292	6952050	109.8	10.5	20.9	16.9	7.2	5.9
s1212	429273	6952050	109.6	10.5	20.9	16.9	7.2	5.9
s1213	429243	6952057	109.3	10.5	20.9	16.9	7.2	5.9
s1214	429188	6952069	108.6	10.4	21.0	16.9	7.2	5.9
s1215	429162	6952071	108.3	10.5	21.0	16.9	7.2	5.9
s1216	429144	6952074	108.1	10.5	21.1	16.9	7.2	5.9
s1217	431516	6952041	103.3	9.9	20.2	16.7	7.3	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s1218	431020	6952085	96.7	9.8	20.2	16.6	7.2	5.9
s1219	430565	6952039	98.6	10.0	20.7	16.7	7.5	5.9
s1220	424856	6951920	63.2	9.1	20.0	16.5	6.8	5.8
s1221	424931	6951906	63.4	9.1	20.0	16.5	6.8	5.8
s1222	424620	6951969	63.2	9.1	20.1	16.5	6.9	5.8
s1223	423053	6951908	58.7	9.0	19.9	16.5	6.8	5.8
s1224	423340	6951944	59.9	8.8	19.8	16.5	6.8	5.8
s1225	423209	6951913	58.5	8.8	19.7	16.5	6.8	5.8
s1226	423521	6951957	60.9	8.8	19.8	16.5	6.8	5.8
s1227	424008	6951960	63.5	8.9	19.9	16.5	6.8	5.8
s1228	424372	6951920	62.2	8.8	19.9	16.5	6.8	5.8
s1229	428509	6951915	76.7	11.0	22.5	17.1	7.7	6.0
s1230	428485	6951925	76.7	10.9	22.4	17.1	7.7	6.0
s1231	428504	6951948	77.0	11.4	22.8	17.2	7.8	6.0
s1232	428526	6951966	77.4	11.8	23.3	17.3	8.0	6.1
s1233	428542	6951949	77.3	11.7	23.2	17.3	7.9	6.1
s1234	428565	6951937	77.3	11.6	23.3	17.3	8.0	6.1
s1235	428702	6951973	80.7	16.6	24.8	18.6	8.5	6.5
s1236	428886	6951988	84.2	12.2	22.7	17.4	7.8	6.1
s1237	428881	6951978	82.4	12.4	22.8	17.5	7.8	6.1
s1238	428932	6951985	88.7	11.9	22.5	17.3	7.7	6.1

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1239	428877	6951960	79.8	12.7	22.9	17.5	7.8	6.1
s1240	428925	6951971	86.1	12.1	22.6	17.4	7.7	6.1
s1241	428925	6951957	83.8	12.2	22.6	17.4	7.7	6.1
s1242	428876	6951947	77.7	12.9	22.9	17.6	7.8	6.2
s1243	428923	6951941	81.1	12.5	22.8	17.5	7.8	6.1
s1244	428922	6951927	78.4	12.7	22.8	17.5	7.8	6.1
s1245	428872	6951922	75.6	13.3	23.1	17.7	7.9	6.2
s1246	428884	6951930	75.7	13.0	23.0	17.6	7.8	6.2
s1247	428971	6951986	93.3	11.6	22.3	17.2	7.6	6.0
s1248	428973	6951964	90.1	11.9	22.4	17.3	7.7	6.1
s1249	428971	6951947	86.6	12.1	22.5	17.4	7.7	6.1
s1250	428968	6951930	82.9	12.3	22.6	17.4	7.7	6.1
s1251	429055	6951991	104.8	11.2	21.8	17.1	7.5	6.0
s1252	429052	6951969	100.9	11.5	22.0	17.2	7.5	6.0
s1253	429049	6951951	96.5	11.6	22.1	17.2	7.6	6.0
s1254	429048	6951935	92.9	11.9	22.3	17.3	7.6	6.1
s1255	429091	6951935	98.7	11.8	22.1	17.3	7.6	6.1
s1256	429094	6951953	103.6	11.5	21.9	17.2	7.5	6.0
s1257	429100	6951973	106.9	11.3	21.8	17.1	7.5	6.0
s1258	429101	6951992	107.2	11.1	21.6	17.1	7.4	6.0
s1259	429158	6951984	108.1	11.1	21.5	17.1	7.4	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1260	429153	6951962	107.6	11.3	21.7	17.1	7.4	6.0
s1261	429152	6951941	107.1	11.6	21.9	17.2	7.5	6.0
s1262	429146	6951922	103.8	11.8	22.1	17.3	7.6	6.1
s1263	429193	6951926	107.4	11.6	21.9	17.2	7.5	6.0
s1264	429207	6951964	108.6	11.2	21.5	17.1	7.4	6.0
s1265	429304	6951995	110.9	10.8	21.1	17.0	7.3	6.0
s1266	429325	6951986	111.3	10.8	21.1	17.0	7.3	6.0
s1267	429315	6951952	111.0	11.2	21.4	17.1	7.4	6.0
s1268	429312	6951935	110.6	11.3	21.5	17.1	7.4	6.0
s1269	429232	6951938	108.6	11.4	21.6	17.1	7.4	6.0
s1270	429253	6951951	109.4	11.2	21.5	17.1	7.4	6.0
s1271	429279	6951968	110.3	11.0	21.3	17.0	7.3	6.0
s1272	429357	6951933	111.6	11.3	21.5	17.1	7.4	6.0
s1273	429360	6951953	111.9	11.1	21.3	17.1	7.4	6.0
s1274	429364	6951991	111.7	10.8	21.1	17.0	7.3	6.0
s1275	429389	6951991	111.8	10.8	21.1	17.0	7.3	6.0
s1276	429406	6951982	112.0	10.9	21.1	17.0	7.3	6.0
s1277	429415	6951946	112.7	11.2	21.4	17.1	7.4	6.0
s1278	429428	6951984	111.8	10.9	21.1	17.0	7.4	6.0
s1279	429464	6951976	111.8	11.0	21.2	17.0	7.4	6.0
s1280	429486	6951972	111.7	11.0	21.3	17.0	7.4	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1281	429477	6951933	113.5	11.4	21.5	17.1	7.5	6.0
s1282	429391	6951921	112.2	11.5	21.6	17.2	7.5	6.0
s1283	429521	6951924	113.9	11.5	21.6	17.1	7.6	6.0
s1284	429529	6951963	111.4	11.2	21.3	17.0	7.5	6.0
s1285	429547	6951961	110.9	11.2	21.4	17.0	7.5	6.0
s1286	429568	6951957	110.5	11.3	21.4	17.0	7.6	6.0
s1287	429585	6951954	110.0	11.3	21.4	17.0	7.6	6.0
s1288	429651	6951947	109.3	11.4	21.5	17.1	7.7	6.0
s1289	430101	6951928	125.2	10.8	21.1	17.0	7.8	6.0
s1290	424969	6951816	62.2	8.8	19.8	16.5	6.8	5.8
s1291	425084	6951842	63.3	8.9	19.9	16.5	6.8	5.8
s1292	425038	6951861	63.2	9.0	19.9	16.5	6.8	5.8
s1293	425015	6951860	63.0	9.0	19.9	16.5	6.8	5.8
s1294	424985	6951859	63.0	9.0	19.9	16.5	6.8	5.8
s1295	424958	6951865	62.9	9.0	19.9	16.5	6.8	5.8
s1296	424919	6951873	62.7	9.0	19.9	16.5	6.8	5.8
s1297	424859	6951889	62.6	9.0	19.9	16.5	6.8	5.8
s1298	424843	6951871	62.2	8.9	19.9	16.5	6.8	5.8
s1299	424840	6951846	61.8	8.9	19.8	16.5	6.8	5.8
s1300	424834	6951824	61.4	8.8	19.8	16.5	6.8	5.8
s1301	424584	6951888	61.7	8.8	19.8	16.5	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s1302	423017	6951832	58.3	8.8	19.7	16.5	6.8	5.8
s1303	423666	6951814	58.7	8.5	19.5	16.4	6.7	5.8
s1304	425790	6951823	61.5	8.6	19.7	16.4	6.7	5.8
s1305	425912	6951827	60.7	8.6	19.7	16.4	6.7	5.8
s1306	425967	6951821	60.3	8.6	19.6	16.4	6.7	5.8
s1307	426057	6951837	60.4	8.6	19.6	16.4	6.7	5.8
s1308	426105	6951846	60.4	8.6	19.6	16.4	6.7	5.8
s1309	426138	6951840	60.0	8.6	19.6	16.4	6.7	5.8
s1310	426171	6951844	59.8	8.6	19.6	16.4	6.7	5.8
s1311	426212	6951841	59.4	8.6	19.6	16.4	6.7	5.8
s1312	426247	6951841	59.1	8.6	19.6	16.4	6.7	5.8
s1313	426290	6951828	58.5	8.6	19.5	16.4	6.7	5.8
s1314	426330	6951838	58.4	8.6	19.6	16.4	6.7	5.8
s1315	426376	6951826	58.4	8.6	19.5	16.4	6.7	5.8
s1316	427504	6951892	64.4	8.6	19.5	16.4	6.7	5.8
s1317	427501	6951840	63.7	8.6	19.5	16.4	6.7	5.8
s1318	427561	6951874	66.2	8.6	19.6	16.4	6.7	5.8
s1319	427593	6951859	67.6	8.6	19.6	16.4	6.7	5.8
s1320	427610	6951855	67.9	8.7	19.6	16.4	6.7	5.8
s1321	427630	6951848	69.3	8.7	19.6	16.4	6.7	5.8
s1322	427646	6951832	70.9	8.6	19.6	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1323	427735	6951879	71.8	8.8	19.7	16.5	6.8	5.8
s1324	427825	6951849	72.2	8.8	19.8	16.5	6.8	5.8
s1325	428297	6951875	75.7	9.6	20.8	16.7	7.1	5.9
s1326	428378	6951836	75.8	9.7	20.9	16.7	7.2	5.9
s1327	428459	6951848	76.1	10.1	21.4	16.8	7.3	5.9
s1328	428469	6951868	76.2	10.3	21.7	16.9	7.4	5.9
s1329	428490	6951883	76.4	10.6	22.0	16.9	7.5	6.0
s1330	428495	6951898	76.5	10.7	22.2	17.0	7.6	6.0
s1331	428534	6951910	76.8	11.1	22.7	17.1	7.8	6.0
s1332	428552	6951904	76.9	11.1	22.7	17.1	7.8	6.0
s1333	428528	6951890	76.6	10.8	22.4	17.0	7.7	6.0
s1334	428546	6951883	76.8	10.9	22.5	17.1	7.7	6.0
s1335	428538	6951863	76.6	10.6	22.1	17.0	7.6	6.0
s1336	428531	6951842	76.5	10.5	21.9	16.9	7.5	5.9
s1337	428593	6951845	77.1	10.8	22.4	17.0	7.7	6.0
s1338	428630	6951838	77.6	11.1	22.5	17.1	7.7	6.0
s1339	428631	6951850	77.6	11.2	22.6	17.1	7.8	6.0
s1340	428578	6951868	77.0	10.9	22.5	17.1	7.7	6.0
s1341	428631	6951862	77.6	11.3	22.8	17.2	7.8	6.0
s1342	428650	6951870	77.9	11.5	22.9	17.2	7.8	6.0
s1343	428602	6951906	77.3	11.5	23.0	17.2	7.9	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1344	428582	6951906	77.1	11.3	22.9	17.2	7.8	6.0
s1345	428919	6951912	75.7	13.0	22.9	17.6	7.8	6.2
s1346	428873	6951903	75.7	13.8	23.2	17.8	7.9	6.2
s1347	428870	6951886	75.8	14.3	23.4	18.0	8.0	6.3
s1348	428918	6951900	75.7	13.3	23.1	17.7	7.9	6.2
s1349	428897	6951869	75.8	14.5	23.4	18.0	8.0	6.3
s1350	428919	6951874	75.7	14.0	23.3	17.9	7.9	6.3
s1351	428964	6951908	78.4	12.7	22.8	17.5	7.8	6.1
s1352	428962	6951891	75.6	13.0	23.0	17.6	7.9	6.2
s1353	429046	6951917	88.3	12.1	22.4	17.4	7.7	6.1
s1354	429041	6951899	83.7	12.4	22.7	17.5	7.8	6.1
s1355	429032	6951901	83.1	12.4	22.7	17.5	7.8	6.1
s1356	429024	6951901	82.4	12.5	22.7	17.5	7.8	6.1
s1357	429015	6951901	81.4	12.5	22.8	17.5	7.8	6.1
s1358	429010	6951882	76.6	12.9	22.9	17.6	7.8	6.2
s1359	429040	6951879	78.4	12.8	22.9	17.6	7.8	6.2
s1360	429034	6951860	81.3	13.1	23.0	17.7	7.9	6.2
s1361	428977	6951841	80.9	14.4	23.6	18.0	8.1	6.3
s1362	429135	6951843	90.9	13.3	23.0	17.7	7.9	6.2
s1363	429081	6951854	85.1	13.0	22.9	17.6	7.8	6.2
s1364	429084	6951872	81.0	12.6	22.6	17.5	7.7	6.1

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1365	429085	6951891	86.0	12.4	22.5	17.4	7.7	6.1
s1366	429089	6951914	92.9	12.0	22.3	17.3	7.6	6.1
s1367	429138	6951883	90.7	12.4	22.5	17.5	7.7	6.1
s1368	429138	6951866	85.8	12.7	22.7	17.5	7.8	6.2
s1369	429180	6951845	94.7	13.2	22.9	17.7	7.8	6.2
s1370	429221	6951863	96.7	12.5	22.5	17.5	7.7	6.1
s1371	429184	6951867	92.0	12.6	22.6	17.5	7.7	6.1
s1372	429187	6951885	98.8	12.3	22.3	17.4	7.6	6.1
s1373	429192	6951903	106.2	12.0	22.1	17.3	7.6	6.1
s1374	429226	6951893	106.9	12.0	22.1	17.3	7.6	6.1
s1375	429310	6951913	109.9	11.6	21.7	17.2	7.5	6.0
s1376	429306	6951896	109.2	11.8	21.9	17.3	7.5	6.1
s1377	429304	6951874	108.1	12.2	22.2	17.4	7.6	6.1
s1378	429300	6951856	107.2	12.5	22.4	17.5	7.7	6.1
s1379	429259	6951848	101.9	12.7	22.6	17.5	7.7	6.2
s1380	429263	6951881	107.4	12.1	22.1	17.4	7.6	6.1
s1381	429272	6951915	108.9	11.6	21.7	17.2	7.4	6.0
s1382	429348	6951852	108.3	12.5	22.4	17.5	7.7	6.1
s1383	429350	6951870	109.2	12.2	22.2	17.4	7.6	6.1
s1384	429349	6951893	110.2	11.9	21.9	17.3	7.5	6.1
s1385	429352	6951915	111.1	11.6	21.7	17.2	7.5	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1386	429385	6951874	110.5	12.1	22.1	17.3	7.6	6.1
s1387	429382	6951845	109.0	12.6	22.5	17.5	7.7	6.1
s1388	429426	6951914	112.9	11.5	21.7	17.2	7.5	6.0
s1389	429419	6951867	111.4	12.2	22.2	17.4	7.6	6.1
s1390	429463	6951856	112.8	12.3	22.3	17.4	7.7	6.1
s1391	429468	6951877	113.7	12.0	22.1	17.3	7.6	6.1
s1392	429470	6951897	114.0	11.7	21.9	17.2	7.6	6.0
s1393	429471	6951914	113.9	11.5	21.7	17.2	7.5	6.0
s1394	429507	6951847	114.3	12.4	22.5	17.4	7.7	6.1
s1395	429511	6951867	115.0	12.1	22.2	17.3	7.7	6.1
s1396	429514	6951886	115.1	11.9	22.0	17.2	7.6	6.1
s1397	429519	6951905	114.8	11.7	21.8	17.2	7.6	6.0
s1398	429574	6951916	113.4	11.6	21.7	17.1	7.7	6.0
s1399	429572	6951897	114.7	11.8	21.8	17.2	7.7	6.0
s1400	429569	6951879	115.6	12.0	22.0	17.3	7.8	6.1
s1401	429564	6951857	116.1	12.3	22.3	17.4	7.8	6.1
s1402	429611	6951855	116.5	12.4	22.3	17.4	7.9	6.1
s1403	429615	6951874	115.2	12.2	22.1	17.3	7.9	6.1
s1404	429617	6951896	113.3	11.9	21.9	17.2	7.8	6.0
s1405	432305	6951899	83.5	9.6	20.1	16.6	7.1	5.9
s1406	430303	6951920	103.8	10.8	21.2	16.9	7.7	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1407	429946	6951883	126.2	11.4	21.7	17.1	7.9	6.0
s1408	424841	6951799	61.1	8.8	19.7	16.5	6.7	5.8
s1409	424910	6951795	61.5	8.8	19.7	16.5	6.8	5.8
s1410	425002	6951808	62.3	8.8	19.8	16.5	6.8	5.8
s1411	425071	6951807	62.8	8.8	19.8	16.5	6.8	5.8
s1412	425046	6951788	62.3	8.8	19.8	16.5	6.8	5.8
s1413	424975	6951745	61.3	8.7	19.7	16.4	6.7	5.8
s1414	424573	6951808	60.4	8.6	19.7	16.4	6.7	5.8
s1415	424826	6951754	60.5	8.7	19.6	16.4	6.7	5.8
s1416	423010	6951743	57.9	8.6	19.6	16.4	6.7	5.8
s1417	423196	6951731	57.7	8.4	19.4	16.4	6.6	5.8
s1418	423236	6951795	57.8	8.5	19.4	16.4	6.7	5.8
s1419	423640	6951754	57.7	8.4	19.4	16.4	6.6	5.8
s1420	423743	6951758	58.4	8.4	19.4	16.4	6.7	5.8
s1421	423836	6951766	59.1	8.4	19.5	16.4	6.7	5.8
s1422	424398	6951792	59.9	8.5	19.6	16.4	6.7	5.8
s1423	425430	6951742	63.5	8.6	19.7	16.4	6.7	5.8
s1424	425475	6951759	63.4	8.6	19.7	16.4	6.7	5.8
s1425	425511	6951769	63.3	8.6	19.7	16.4	6.7	5.8
s1426	425546	6951767	63.0	8.6	19.7	16.4	6.7	5.8
s1427	425585	6951800	63.1	8.7	19.7	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s1428	425630	6951803	62.7	8.7	19.7	16.4	6.7	5.8
s1429	425674	6951814	62.4	8.7	19.7	16.4	6.7	5.8
s1430	425713	6951807	61.9	8.6	19.7	16.4	6.7	5.8
s1431	425755	6951813	61.6	8.6	19.7	16.4	6.7	5.8
s1432	425831	6951814	61.0	8.6	19.7	16.4	6.7	5.8
s1433	425876	6951817	60.7	8.6	19.7	16.4	6.7	5.8
s1434	425958	6951758	59.3	8.5	19.5	16.4	6.7	5.8
s1435	426028	6951801	59.8	8.5	19.6	16.4	6.7	5.8
s1436	426114	6951744	58.3	8.5	19.5	16.4	6.7	5.8
s1437	426253	6951754	58.1	8.5	19.5	16.4	6.7	5.8
s1438	426401	6951772	58.2	8.5	19.5	16.4	6.7	5.8
s1439	426453	6951799	58.3	8.5	19.5	16.4	6.7	5.8
s1440	426495	6951790	58.4	8.5	19.5	16.4	6.7	5.8
s1441	426545	6951790	58.4	8.5	19.5	16.4	6.7	5.8
s1442	426573	6951803	58.5	8.5	19.5	16.4	6.7	5.8
s1443	427544	6951801	64.3	8.5	19.4	16.4	6.7	5.8
s1444	427565	6951790	65.6	8.5	19.5	16.4	6.7	5.8
s1445	427588	6951786	66.7	8.5	19.5	16.4	6.7	5.8
s1446	427610	6951784	67.2	8.6	19.5	16.4	6.7	5.8
s1447	427654	6951802	70.5	8.6	19.5	16.4	6.7	5.8
s1448	427646	6951780	70.1	8.6	19.5	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1449	427718	6951819	73.5	8.7	19.6	16.4	6.7	5.8
s1450	427713	6951793	73.3	8.6	19.6	16.4	6.7	5.8
s1451	427707	6951775	72.7	8.6	19.6	16.4	6.7	5.8
s1452	427691	6951756	71.7	8.6	19.5	16.4	6.7	5.8
s1453	427736	6951812	73.4	8.7	19.6	16.4	6.7	5.8
s1454	427754	6951806	73.5	8.7	19.6	16.4	6.7	5.8
s1455	427774	6951803	74.0	8.7	19.7	16.4	6.7	5.8
s1456	427795	6951796	75.3	8.7	19.7	16.4	6.7	5.8
s1457	427816	6951788	75.3	8.7	19.7	16.4	6.7	5.8
s1458	427892	6951825	73.9	8.9	19.8	16.5	6.8	5.8
s1459	427825	6951754	75.4	8.7	19.6	16.4	6.7	5.8
s1460	428121	6951754	75.9	9.0	20.1	16.5	6.9	5.8
s1461	428127	6951774	75.7	9.0	20.1	16.5	6.9	5.8
s1462	428138	6951790	75.8	9.1	20.2	16.5	6.9	5.8
s1463	428144	6951809	75.5	9.1	20.2	16.5	6.9	5.8
s1464	428182	6951765	75.9	9.1	20.2	16.5	6.9	5.8
s1465	428206	6951767	75.9	9.1	20.3	16.5	7.0	5.8
s1466	428207	6951825	75.7	9.3	20.4	16.6	7.0	5.8
s1467	428250	6951809	75.7	9.3	20.5	16.6	7.0	5.8
s1468	428302	6951801	75.7	9.4	20.6	16.6	7.1	5.8
s1469	428362	6951774	75.7	9.4	20.6	16.6	7.1	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1470	428338	6951783	75.7	9.4	20.6	16.6	7.1	5.8
s1471	428442	6951788	76.0	9.7	21.0	16.7	7.2	5.9
s1472	428449	6951806	76.0	9.8	21.1	16.7	7.2	5.9
s1473	428464	6951824	76.1	10.0	21.3	16.8	7.3	5.9
s1474	428524	6951826	76.3	10.3	21.7	16.9	7.4	5.9
s1475	428519	6951802	76.3	10.1	21.4	16.8	7.3	5.9
s1476	428510	6951786	76.2	10.0	21.2	16.8	7.3	5.9
s1477	428506	6951768	76.2	9.9	21.1	16.7	7.2	5.9
s1478	428601	6951758	77.3	10.3	21.6	16.9	7.4	5.9
s1479	428549	6951775	76.7	10.1	21.5	16.8	7.4	5.9
s1480	428556	6951796	76.8	10.3	21.7	16.9	7.4	5.9
s1481	428609	6951777	77.4	10.5	21.8	16.9	7.5	5.9
s1482	428626	6951790	77.6	10.7	22.1	17.0	7.6	6.0
s1483	428618	6951801	77.6	10.7	22.1	17.0	7.6	6.0
s1484	428559	6951813	76.8	10.4	21.9	16.9	7.5	5.9
s1485	428631	6951800	77.8	10.8	22.2	17.0	7.6	6.0
s1486	428620	6951809	77.6	10.8	22.2	17.0	7.6	6.0
s1487	428628	6951817	77.7	10.9	22.3	17.0	7.6	6.0
s1488	428570	6951835	76.9	10.6	22.1	17.0	7.6	6.0
s1489	428997	6951838	82.7	14.2	23.5	17.9	8.0	6.3
s1490	429020	6951833	84.8	14.0	23.3	17.9	8.0	6.3

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1491	429036	6951829	86.4	14.0	23.3	17.9	8.0	6.3
s1492	429075	6951833	88.5	13.6	23.1	17.8	7.9	6.2
s1493	429093	6951815	91.7	14.4	23.4	18.0	8.0	6.3
s1494	429111	6951815	93.1	14.4	23.5	18.0	8.0	6.3
s1495	429128	6951808	94.8	14.8	23.6	18.1	8.1	6.3
s1496	429173	6951797	99.7	15.2	23.9	18.2	8.2	6.4
s1497	429193	6951796	101.9	15.0	23.8	18.2	8.1	6.4
s1498	429212	6951796	102.1	14.7	23.6	18.1	8.1	6.3
s1499	429179	6951827	98.0	13.7	23.2	17.8	7.9	6.2
s1500	429217	6951832	101.4	13.3	22.9	17.7	7.8	6.2
s1501	429294	6951833	102.6	13.0	22.7	17.6	7.8	6.2
s1502	429292	6951813	103.0	13.5	23.0	17.8	7.9	6.2
s1503	429289	6951794	103.1	14.3	23.4	18.0	8.0	6.3
s1504	429279	6951779	102.9	15.2	23.8	18.2	8.1	6.4
s1505	429255	6951816	102.6	13.6	23.1	17.8	7.9	6.2
s1506	429248	6951786	102.6	15.1	23.8	18.2	8.1	6.4
s1507	429328	6951763	103.4	15.8	24.0	18.4	8.2	6.4
s1508	429350	6951776	103.8	14.8	23.6	18.1	8.1	6.3
s1509	429340	6951813	103.4	13.4	22.9	17.7	7.8	6.2
s1510	429338	6951832	107.0	13.0	22.7	17.6	7.8	6.2
s1511	429376	6951808	106.5	13.5	23.0	17.7	7.9	6.2

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s1512	429366	6951762	104.0	15.4	23.9	18.3	8.2	6.4
s1513	429407	6951789	105.3	14.0	23.3	17.9	8.0	6.3
s1514	429411	6951828	109.1	12.9	22.7	17.6	7.8	6.2
s1515	429451	6951780	107.6	14.2	23.6	17.9	8.1	6.3
s1516	429456	6951797	108.9	13.7	23.3	17.8	8.0	6.2
s1517	429458	6951816	110.3	13.1	22.9	17.6	7.8	6.2
s1518	429437	6951840	110.8	12.6	22.5	17.5	7.7	6.1
s1519	429445	6951839	111.1	12.6	22.6	17.5	7.7	6.1
s1520	429453	6951837	111.4	12.7	22.6	17.5	7.7	6.1
s1521	429462	6951836	111.8	12.7	22.6	17.5	7.8	6.1
s1522	429496	6951765	108.3	14.6	23.9	18.0	8.2	6.3
s1523	429498	6951786	110.1	13.9	23.5	17.8	8.0	6.2
s1524	429499	6951805	111.5	13.3	23.1	17.7	7.9	6.2
s1525	429504	6951825	113.1	12.8	22.8	17.5	7.8	6.2
s1526	429562	6951837	116.0	12.6	22.6	17.4	7.8	6.1
s1527	429555	6951800	114.2	13.3	23.1	17.6	7.9	6.2
s1528	429605	6951811	117.4	13.0	22.8	17.5	7.9	6.2
s1529	429610	6951835	117.4	12.7	22.5	17.4	7.9	6.1
s1530	429561	6951819	115.5	12.9	22.8	17.5	7.8	6.2
s1531	429789	6951803	129.4	13.1	22.9	17.5	8.4	6.1
s1532	428694	6951821	78.7	11.5	22.7	17.2	7.8	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1533	428685	6951772	78.3	11.0	22.3	17.1	7.6	6.0
s1534	428767	6951796	82.3	12.0	23.1	17.4	7.9	6.1
s1535	428781	6951787	83.1	12.1	23.1	17.4	7.9	6.1
s1536	428809	6951774	84.1	12.2	23.1	17.4	7.9	6.1
s1537	428840	6951761	84.7	12.3	23.2	17.4	7.9	6.1
s1538	424887	6951673	59.9	8.5	19.5	16.4	6.7	5.8
s1539	424890	6951695	60.1	8.6	19.6	16.4	6.7	5.8
s1540	424831	6951661	59.5	8.5	19.5	16.4	6.7	5.8
s1541	424814	6951688	59.7	8.5	19.5	16.4	6.7	5.8
s1542	424828	6951710	60.0	8.6	19.6	16.4	6.7	5.8
s1543	424996	6951665	60.5	8.6	19.6	16.4	6.7	5.8
s1544	424573	6951720	59.3	8.5	19.5	16.4	6.7	5.8
s1545	422593	6951650	61.4	9.0	20.1	16.5	6.9	5.8
s1546	422734	6951653	59.1	8.8	19.9	16.5	6.8	5.8
s1547	422874	6951695	58.1	8.7	19.7	16.4	6.7	5.8
s1548	423047	6951663	57.6	8.4	19.4	16.4	6.6	5.8
s1549	423622	6951681	57.6	8.3	19.3	16.3	6.6	5.7
s1550	424028	6951697	58.6	8.3	19.4	16.3	6.6	5.8
s1551	424148	6951712	59.0	8.4	19.4	16.4	6.7	5.8
s1552	424250	6951672	58.3	8.3	19.4	16.4	6.6	5.8
s1553	425378	6951667	62.7	8.5	19.6	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1554	425381	6951710	63.2	8.6	19.6	16.4	6.7	5.8
s1555	425498	6951672	62.2	8.5	19.5	16.4	6.7	5.8
s1556	425529	6951697	62.3	8.5	19.6	16.4	6.7	5.8
s1557	425567	6951690	61.8	8.5	19.5	16.4	6.7	5.8
s1558	425575	6951663	61.4	8.5	19.5	16.4	6.7	5.8
s1559	425716	6951698	60.5	8.5	19.5	16.4	6.7	5.8
s1560	425794	6951680	59.6	8.4	19.5	16.4	6.7	5.8
s1561	425787	6951724	60.1	8.5	19.5	16.4	6.7	5.8
s1562	425881	6951697	59.0	8.4	19.5	16.4	6.7	5.8
s1563	425911	6951716	59.1	8.4	19.5	16.4	6.7	5.8
s1564	425961	6951679	58.3	8.4	19.4	16.4	6.6	5.8
s1565	426027	6951735	58.6	8.4	19.5	16.4	6.7	5.8
s1566	426063	6951733	58.4	8.4	19.5	16.4	6.7	5.8
s1567	426021	6951666	57.9	8.4	19.4	16.4	6.6	5.8
s1568	426084	6951664	57.9	8.4	19.4	16.4	6.6	5.8
s1569	426111	6951688	58.0	8.4	19.4	16.4	6.6	5.8
s1570	426161	6951742	58.1	8.4	19.5	16.4	6.7	5.8
s1571	426157	6951707	58.0	8.4	19.4	16.4	6.6	5.8
s1572	426223	6951692	58.0	8.4	19.4	16.4	6.6	5.8
s1573	426282	6951674	58.0	8.4	19.4	16.4	6.6	5.8
s1574	426288	6951738	58.1	8.4	19.4	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s1575	426350	6951705	58.0	8.4	19.4	16.4	6.6	5.8
s1576	426378	6951737	58.1	8.4	19.4	16.4	6.6	5.8
s1577	426426	6951670	58.0	8.4	19.3	16.4	6.6	5.8
s1578	426442	6951701	58.1	8.4	19.4	16.4	6.6	5.8
s1579	426475	6951740	58.2	8.4	19.4	16.4	6.6	5.8
s1580	427521	6951746	62.2	8.5	19.4	16.4	6.6	5.8
s1581	427546	6951740	63.1	8.5	19.4	16.4	6.6	5.8
s1582	427565	6951733	62.4	8.5	19.4	16.4	6.6	5.8
s1583	427583	6951727	63.5	8.5	19.4	16.4	6.6	5.8
s1584	427602	6951719	64.5	8.5	19.4	16.4	6.6	5.8
s1585	427623	6951715	64.8	8.5	19.4	16.4	6.7	5.8
s1586	427615	6951689	63.6	8.4	19.4	16.4	6.6	5.8
s1587	427676	6951695	68.8	8.5	19.4	16.4	6.7	5.8
s1588	427695	6951690	69.1	8.5	19.4	16.4	6.7	5.8
s1589	427712	6951744	72.5	8.6	19.5	16.4	6.7	5.8
s1590	427732	6951739	73.3	8.6	19.5	16.4	6.7	5.8
s1591	427752	6951735	73.8	8.6	19.5	16.4	6.7	5.8
s1592	427714	6951680	70.5	8.5	19.4	16.4	6.7	5.8
s1593	427769	6951726	74.9	8.6	19.5	16.4	6.7	5.8
s1594	427791	6951714	75.3	8.6	19.5	16.4	6.7	5.8
s1595	427809	6951713	75.3	8.6	19.6	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1596	427838	6951709	75.4	8.6	19.6	16.4	6.7	5.8
s1597	427863	6951693	75.4	8.6	19.6	16.4	6.7	5.8
s1598	427729	6951673	71.7	8.5	19.4	16.4	6.7	5.8
s1599	428101	6951686	76.5	8.8	19.9	16.5	6.8	5.8
s1600	428283	6951677	75.7	9.0	20.2	16.5	6.9	5.8
s1601	428261	6951679	75.6	8.9	20.1	16.5	6.9	5.8
s1602	428243	6951687	75.8	8.9	20.1	16.5	6.9	5.8
s1603	428223	6951696	76.0	8.9	20.1	16.5	6.9	5.8
s1604	428207	6951701	76.0	8.9	20.1	16.5	6.9	5.8
s1605	428164	6951700	76.3	8.9	20.0	16.5	6.9	5.8
s1606	428172	6951726	76.0	9.0	20.1	16.5	6.9	5.8
s1607	428119	6951735	75.9	8.9	20.0	16.5	6.9	5.8
s1608	428222	6951752	75.9	9.1	20.3	16.5	7.0	5.8
s1609	428241	6951744	75.8	9.1	20.3	16.5	7.0	5.8
s1610	428263	6951748	75.8	9.1	20.4	16.5	7.0	5.8
s1611	428281	6951743	75.8	9.2	20.4	16.6	7.0	5.8
s1612	428301	6951734	75.8	9.2	20.4	16.6	7.0	5.8
s1613	428322	6951728	75.6	9.2	20.4	16.6	7.0	5.8
s1614	428352	6951718	75.6	9.2	20.4	16.6	7.0	5.8
s1615	428331	6951703	75.5	9.1	20.3	16.5	7.0	5.8
s1616	428341	6951699	75.5	9.1	20.3	16.5	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1617	428352	6951694	75.5	9.1	20.3	16.5	7.0	5.8
s1618	428426	6951754	75.9	9.5	20.8	16.6	7.1	5.9
s1619	428443	6951748	75.9	9.5	20.8	16.7	7.1	5.9
s1620	428460	6951743	75.9	9.6	20.8	16.7	7.1	5.9
s1621	428498	6951733	76.0	9.6	20.9	16.7	7.1	5.9
s1622	428478	6951737	76.0	9.6	20.8	16.7	7.1	5.9
s1623	428589	6951699	77.0	9.8	21.1	16.7	7.2	5.9
s1624	428533	6951713	76.4	9.7	20.9	16.7	7.2	5.9
s1625	428603	6951732	77.1	10.1	21.4	16.8	7.3	5.9
s1626	428609	6951742	77.4	10.2	21.5	16.8	7.4	5.9
s1627	429310	6951728	103.1	20.3	25.2	19.6	8.7	6.8
s1628	429401	6951758	104.6	15.5	24.0	18.3	8.2	6.4
s1629	429416	6951756	104.9	15.6	24.1	18.3	8.2	6.4
s1630	429432	6951752	105.2	15.7	24.2	18.3	8.3	6.4
s1631	429449	6951749	105.6	15.7	24.3	18.3	8.3	6.4
s1632	428673	6951738	78.0	10.6	21.8	16.9	7.5	6.0
s1633	428663	6951713	77.7	10.3	21.5	16.9	7.4	5.9
s1634	428654	6951688	77.5	10.0	21.3	16.8	7.3	5.9
s1635	428649	6951679	77.4	9.9	21.2	16.8	7.3	5.9
s1636	428784	6951731	78.2	11.3	22.5	17.2	7.7	6.0
s1637	428834	6951696	77.8	11.3	22.3	17.1	7.7	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1638	428856	6951741	84.1	12.1	23.0	17.4	7.9	6.1
s1639	428912	6951732	86.9	12.5	23.1	17.5	7.9	6.1
s1640	428906	6951710	83.7	12.1	22.9	17.4	7.8	6.1
s1641	428945	6951713	85.9	12.4	23.0	17.5	7.9	6.1
s1642	428964	6951705	85.1	12.3	22.9	17.5	7.8	6.1
s1643	428985	6951698	84.0	12.3	22.9	17.4	7.9	6.1
s1644	428900	6951696	80.6	11.8	22.7	17.3	7.8	6.1
s1645	431866	6951710	113.4	10.6	20.8	16.9	7.4	5.9
s1646	431283	6951739	104.6	11.2	21.1	17.0	7.5	6.0
s1647	430348	6951747	126.9	13.0	22.4	17.4	9.0	6.1
s1648	425065	6951601	60.6	8.5	19.5	16.4	6.7	5.8
s1649	425034	6951576	60.1	8.4	19.5	16.4	6.7	5.8
s1650	425040	6951605	60.4	8.5	19.5	16.4	6.7	5.8
s1651	424874	6951580	59.1	8.4	19.4	16.4	6.6	5.8
s1652	424892	6951602	59.3	8.5	19.5	16.4	6.7	5.8
s1653	424897	6951623	59.5	8.5	19.5	16.4	6.7	5.8
s1654	424881	6951651	59.7	8.5	19.5	16.4	6.7	5.8
s1655	424801	6951588	58.9	8.4	19.4	16.4	6.6	5.8
s1656	424802	6951616	59.1	8.4	19.4	16.4	6.7	5.8
s1657	424805	6951638	59.3	8.5	19.5	16.4	6.7	5.8
s1658	424634	6951582	58.2	8.4	19.4	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1659	422794	6951636	58.3	8.7	19.7	16.4	6.7	5.8
s1660	423018	6951583	57.6	8.3	19.3	16.3	6.6	5.7
s1661	423194	6951635	57.6	8.3	19.3	16.3	6.6	5.7
s1662	423625	6951582	57.6	8.2	19.2	16.3	6.6	5.7
s1663	423732	6951618	57.6	8.2	19.3	16.3	6.6	5.7
s1664	423882	6951635	57.6	8.3	19.3	16.3	6.6	5.7
s1665	423930	6951622	57.6	8.3	19.3	16.3	6.6	5.7
s1666	423997	6951604	57.6	8.3	19.3	16.3	6.6	5.7
s1667	424076	6951601	57.7	8.3	19.3	16.3	6.6	5.7
s1668	424214	6951590	57.7	8.3	19.3	16.3	6.6	5.7
s1669	424329	6951647	58.1	8.3	19.4	16.3	6.6	5.8
s1670	425361	6951591	61.9	8.4	19.5	16.4	6.7	5.8
s1671	425374	6951632	62.3	8.5	19.5	16.4	6.7	5.8
s1672	425487	6951580	61.3	8.4	19.4	16.4	6.6	5.8
s1673	425501	6951646	61.9	8.4	19.5	16.4	6.7	5.8
s1674	425539	6951592	61.0	8.4	19.4	16.4	6.6	5.8
s1675	425589	6951611	60.8	8.4	19.4	16.4	6.6	5.8
s1676	425630	6951631	60.6	8.4	19.4	16.4	6.7	5.8
s1677	425665	6951633	60.3	8.4	19.4	16.4	6.7	5.8
s1678	425711	6951622	59.7	8.4	19.4	16.4	6.6	5.8
s1679	425764	6951628	59.3	8.4	19.4	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1680	425799	6951615	58.9	8.3	19.4	16.3	6.6	5.8
s1681	425853	6951599	58.3	8.3	19.3	16.3	6.6	5.7
s1682	425876	6951644	58.5	8.4	19.4	16.4	6.6	5.8
s1683	425935	6951624	57.9	8.3	19.4	16.3	6.6	5.7
s1684	425919	6951587	57.9	8.3	19.3	16.3	6.6	5.7
s1685	425991	6951585	57.9	8.3	19.3	16.3	6.6	5.7
s1686	426044	6951599	57.9	8.3	19.3	16.3	6.6	5.7
s1687	426105	6951612	57.9	8.3	19.3	16.3	6.6	5.7
s1688	426152	6951609	57.9	8.3	19.3	16.3	6.6	5.7
s1689	426198	6951604	57.9	8.3	19.3	16.3	6.6	5.7
s1690	426231	6951604	57.9	8.3	19.3	16.3	6.6	5.7
s1691	426280	6951604	57.9	8.3	19.3	16.3	6.6	5.7
s1692	426321	6951653	57.9	8.3	19.3	16.3	6.6	5.8
s1693	426414	6951636	57.9	8.3	19.3	16.3	6.6	5.7
s1694	426372	6951612	57.9	8.3	19.3	16.3	6.6	5.7
s1695	426638	6951638	58.1	8.3	19.3	16.3	6.6	5.8
s1696	427608	6951670	62.5	8.4	19.3	16.4	6.6	5.8
s1697	427749	6951664	70.9	8.5	19.4	16.4	6.7	5.8
s1698	427770	6951666	72.1	8.5	19.5	16.4	6.7	5.8
s1699	427787	6951655	71.0	8.5	19.5	16.4	6.7	5.8
s1700	427809	6951651	71.5	8.5	19.5	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s1701	427828	6951647	71.8	8.5	19.5	16.4	6.7	5.8
s1702	427849	6951641	72.7	8.5	19.5	16.4	6.7	5.8
s1703	427671	6951634	65.4	8.4	19.4	16.4	6.6	5.8
s1704	427734	6951613	66.7	8.4	19.4	16.4	6.6	5.8
s1705	427758	6951603	66.9	8.4	19.4	16.4	6.6	5.8
s1706	427816	6951601	68.9	8.4	19.4	16.4	6.7	5.8
s1707	427895	6951624	75.3	8.5	19.5	16.4	6.7	5.8
s1708	427915	6951614	75.0	8.5	19.5	16.4	6.7	5.8
s1709	427934	6951609	75.4	8.5	19.5	16.4	6.7	5.8
s1710	427952	6951604	75.5	8.5	19.5	16.4	6.7	5.8
s1711	427969	6951597	75.6	8.5	19.5	16.4	6.7	5.8
s1712	428219	6951600	75.7	8.7	19.8	16.4	6.8	5.8
s1713	428152	6951598	75.9	8.6	19.7	16.4	6.8	5.8
s1714	428131	6951605	76.1	8.6	19.7	16.4	6.8	5.8
s1715	428150	6951654	76.2	8.8	19.9	16.4	6.8	5.8
s1716	428158	6951672	76.3	8.8	19.9	16.5	6.8	5.8
s1717	428192	6951660	75.8	8.8	20.0	16.5	6.8	5.8
s1718	428210	6951652	75.9	8.8	20.0	16.5	6.9	5.8
s1719	428231	6951648	75.6	8.8	20.0	16.5	6.9	5.8
s1720	428250	6951641	75.4	8.8	20.0	16.5	6.9	5.8
s1721	428270	6951633	75.5	8.8	20.0	16.5	6.9	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1722	428288	6951628	75.3	8.8	20.0	16.5	6.9	5.8
s1723	428323	6951620	74.2	8.8	20.0	16.5	6.9	5.8
s1724	428311	6951596	72.8	8.8	19.9	16.5	6.8	5.8
s1725	428332	6951649	74.7	8.9	20.1	16.5	6.9	5.8
s1726	428302	6951664	75.5	8.9	20.1	16.5	6.9	5.8
s1727	428341	6951674	75.4	9.0	20.2	16.5	6.9	5.8
s1728	428455	6951642	75.7	9.1	20.3	16.5	7.0	5.8
s1729	428557	6951605	76.4	9.2	20.5	16.6	7.0	5.8
s1730	428567	6951619	76.4	9.3	20.5	16.6	7.0	5.8
s1731	428567	6951635	76.5	9.4	20.6	16.6	7.1	5.8
s1732	428570	6951644	76.6	9.4	20.7	16.6	7.1	5.8
s1733	428577	6951655	76.7	9.5	20.8	16.6	7.1	5.9
s1734	428548	6951659	76.5	9.4	20.7	16.6	7.1	5.8
s1735	428539	6951662	76.4	9.4	20.7	16.6	7.1	5.8
s1736	428703	6951665	77.5	10.1	21.3	16.8	7.3	5.9
s1737	428723	6951662	77.6	10.2	21.4	16.8	7.3	5.9
s1738	428744	6951658	77.3	10.3	21.5	16.9	7.4	5.9
s1739	428761	6951652	77.4	10.3	21.5	16.9	7.4	5.9
s1740	428814	6951627	77.0	10.3	21.5	16.9	7.4	5.9
s1741	428818	6951645	77.2	10.6	21.7	16.9	7.4	5.9
s1742	428821	6951662	77.4	10.8	21.8	17.0	7.5	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1743	428627	6951611	76.8	9.4	20.7	16.6	7.1	5.8
s1744	428894	6951676	78.3	11.4	22.4	17.2	7.7	6.0
s1745	428993	6951636	82.6	11.1	22.2	17.1	7.6	6.0
s1746	428879	6951622	77.0	10.6	21.7	17.0	7.5	6.0
s1747	428868	6951599	76.7	10.3	21.5	16.9	7.4	5.9
s1748	429067	6951646	83.4	11.3	22.5	17.2	7.7	6.0
s1749	426354	6951585	57.9	8.3	19.3	16.3	6.6	5.7
s1750	425011	6951558	59.9	8.4	19.4	16.4	6.6	5.8
s1751	424993	6951540	59.6	8.4	19.4	16.4	6.6	5.8
s1752	424974	6951530	59.4	8.4	19.4	16.4	6.6	5.8
s1753	424948	6951519	59.1	8.4	19.4	16.4	6.6	5.8
s1754	424931	6951502	59.0	8.3	19.4	16.4	6.6	5.8
s1755	424836	6951506	58.4	8.3	19.3	16.3	6.6	5.8
s1756	424881	6951541	58.9	8.4	19.4	16.4	6.6	5.8
s1757	424815	6951542	58.6	8.4	19.4	16.4	6.6	5.8
s1758	424795	6951568	58.7	8.4	19.4	16.4	6.6	5.8
s1759	422977	6951523	57.6	8.3	19.3	16.3	6.6	5.7
s1760	422657	6951488	60.2	8.5	19.7	16.4	6.7	5.8
s1761	423168	6951555	57.5	8.2	19.2	16.3	6.6	5.7
s1762	423715	6951550	57.6	8.2	19.2	16.3	6.6	5.7
s1763	424141	6951524	57.6	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1764	425349	6951509	61.0	8.3	19.4	16.3	6.6	5.7
s1765	425364	6951547	61.4	8.4	19.4	16.4	6.6	5.8
s1766	425427	6951529	61.1	8.3	19.4	16.3	6.6	5.7
s1767	425452	6951566	61.3	8.4	19.4	16.4	6.6	5.8
s1768	427756	6951545	63.7	8.4	19.3	16.3	6.6	5.8
s1769	427799	6951560	66.2	8.4	19.4	16.4	6.6	5.8
s1770	427820	6951579	67.3	8.4	19.4	16.4	6.7	5.8
s1771	427885	6951525	67.1	8.4	19.4	16.4	6.6	5.8
s1772	427894	6951548	69.7	8.4	19.4	16.4	6.7	5.8
s1773	427894	6951578	72.2	8.4	19.4	16.4	6.7	5.8
s1774	427937	6951552	72.2	8.4	19.4	16.4	6.7	5.8
s1775	427988	6951591	75.6	8.5	19.5	16.4	6.7	5.8
s1776	427955	6951545	73.7	8.4	19.4	16.4	6.7	5.8
s1777	427971	6951534	73.6	8.4	19.4	16.4	6.7	5.8
s1778	428049	6951545	75.6	8.5	19.5	16.4	6.7	5.8
s1779	427913	6951543	69.9	8.4	19.4	16.4	6.7	5.8
s1780	428120	6951547	75.7	8.5	19.6	16.4	6.7	5.8
s1781	428303	6951550	75.0	8.7	19.8	16.4	6.8	5.8
s1782	428284	6951556	75.3	8.7	19.8	16.4	6.8	5.8
s1783	428268	6951564	75.3	8.7	19.8	16.4	6.8	5.8
s1784	428253	6951576	75.3	8.7	19.8	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1785	428229	6951578	75.5	8.7	19.8	16.4	6.8	5.8
s1786	428187	6951586	75.6	8.7	19.8	16.4	6.8	5.8
s1787	428169	6951593	75.9	8.7	19.8	16.4	6.8	5.8
s1788	428401	6951540	74.5	8.8	19.9	16.4	6.8	5.8
s1789	428527	6951518	75.7	8.9	20.1	16.5	6.9	5.8
s1790	428544	6951545	76.0	9.0	20.2	16.5	6.9	5.8
s1791	428547	6951558	76.0	9.0	20.2	16.5	6.9	5.8
s1792	428547	6951576	76.2	9.1	20.3	16.5	7.0	5.8
s1793	428545	6951589	76.2	9.1	20.4	16.5	7.0	5.8
s1794	428731	6951588	76.7	9.7	20.9	16.7	7.2	5.9
s1795	428784	6951588	76.6	9.9	21.1	16.7	7.3	5.9
s1796	428616	6951591	76.6	9.3	20.5	16.6	7.1	5.8
s1797	428613	6951580	76.5	9.2	20.5	16.6	7.0	5.8
s1798	428614	6951569	76.4	9.2	20.4	16.6	7.0	5.8
s1799	428610	6951559	76.3	9.1	20.4	16.5	7.0	5.8
s1800	428604	6951547	76.2	9.1	20.3	16.5	7.0	5.8
s1801	428592	6951525	76.0	9.0	20.2	16.5	6.9	5.8
s1802	428648	6951523	76.0	9.1	20.3	16.5	7.0	5.8
s1803	428741	6951520	75.9	9.3	20.6	16.6	7.1	5.8
s1804	428992	6951562	77.0	10.2	21.5	16.9	7.4	5.9
s1805	428984	6951529	76.4	10.0	21.3	16.8	7.3	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1806	428964	6951526	76.1	9.9	21.3	16.8	7.3	5.9
s1807	428882	6951576	76.6	10.2	21.4	16.8	7.4	5.9
s1808	428861	6951559	76.3	9.9	21.2	16.8	7.3	5.9
s1809	428943	6951527	76.2	9.9	21.2	16.8	7.3	5.9
s1810	428926	6951540	76.3	10.0	21.3	16.8	7.3	5.9
s1811	429038	6951543	80.0	10.1	21.5	16.8	7.4	5.9
s1812	429561	6951526	99.9	10.8	21.9	17.0	7.6	6.0
s1813	429546	6951540	99.4	10.9	22.0	17.0	7.7	6.0
s1814	429519	6951549	98.9	10.9	22.0	17.0	7.6	6.0
s1815	429501	6951552	98.6	10.9	22.1	17.0	7.7	6.0
s1816	429481	6951559	98.1	10.9	22.1	17.0	7.6	6.0
s1817	429459	6951556	97.3	10.8	22.1	17.0	7.6	6.0
s1818	429441	6951559	96.9	10.8	22.1	17.0	7.6	6.0
s1819	429418	6951568	96.7	10.9	22.2	17.0	7.6	6.0
s1820	429396	6951567	96.1	10.8	22.2	17.0	7.6	6.0
s1821	429888	6951546	150.3	13.5	24.5	17.5	9.9	6.2
s1822	432261	6951566	91.8	10.6	20.9	16.9	7.3	5.9
s1823	432762	6951574	105.9	10.1	20.6	16.7	7.3	5.9
s1824	426390	6951505	57.8	8.2	19.2	16.3	6.6	5.7
s1825	426389	6951553	57.8	8.3	19.2	16.3	6.6	5.7
s1826	426288	6951543	57.8	8.3	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1827	426260	6951533	57.8	8.2	19.2	16.3	6.6	5.7
s1828	426222	6951541	57.8	8.2	19.2	16.3	6.6	5.7
s1829	426192	6951547	57.8	8.3	19.3	16.3	6.6	5.7
s1830	426149	6951556	57.8	8.3	19.3	16.3	6.6	5.7
s1831	426115	6951554	57.8	8.3	19.3	16.3	6.6	5.7
s1832	426072	6951533	57.8	8.2	19.3	16.3	6.6	5.7
s1833	426005	6951527	57.8	8.2	19.3	16.3	6.6	5.7
s1834	425933	6951514	57.8	8.2	19.3	16.3	6.6	5.7
s1835	425903	6951532	57.8	8.2	19.3	16.3	6.6	5.7
s1836	425859	6951543	57.8	8.3	19.3	16.3	6.6	5.7
s1837	425824	6951537	58.1	8.3	19.3	16.3	6.6	5.7
s1838	425792	6951546	58.4	8.3	19.3	16.3	6.6	5.7
s1839	425755	6951555	58.8	8.3	19.3	16.3	6.6	5.7
s1840	425713	6951571	59.3	8.3	19.3	16.3	6.6	5.7
s1841	425662	6951571	59.7	8.3	19.4	16.3	6.6	5.7
s1842	425629	6951563	60.0	8.3	19.3	16.3	6.6	5.7
s1843	425586	6951551	60.3	8.3	19.3	16.3	6.6	5.7
s1844	425556	6951532	60.3	8.3	19.3	16.3	6.6	5.7
s1845	425517	6951503	60.3	8.3	19.3	16.3	6.6	5.7
s1846	424910	6951492	58.7	8.3	19.3	16.3	6.6	5.8
s1847	424875	6951459	58.3	8.3	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1848	424847	6951445	58.2	8.3	19.3	16.3	6.6	5.7
s1849	424829	6951432	58.0	8.3	19.3	16.3	6.6	5.7
s1850	424753	6951459	57.8	8.3	19.3	16.3	6.6	5.7
s1851	424701	6951427	57.6	8.2	19.2	16.3	6.6	5.7
s1852	424544	6951452	57.6	8.2	19.2	16.3	6.6	5.7
s1853	424438	6951446	57.6	8.2	19.2	16.3	6.6	5.7
s1854	423582	6951423	57.5	8.1	19.1	16.3	6.5	5.7
s1855	423151	6951479	57.5	8.2	19.1	16.3	6.6	5.7
s1856	423019	6951410	57.6	8.2	19.2	16.3	6.6	5.7
s1857	422804	6951417	58.6	8.3	19.4	16.3	6.6	5.7
s1858	422678	6951436	60.0	8.4	19.6	16.4	6.7	5.8
s1859	423718	6951458	57.5	8.1	19.1	16.3	6.6	5.7
s1860	425438	6951480	60.6	8.3	19.3	16.3	6.6	5.7
s1861	427841	6951450	61.4	8.3	19.3	16.3	6.6	5.7
s1862	428018	6951438	70.5	8.4	19.4	16.3	6.7	5.8
s1863	427957	6951437	66.6	8.3	19.3	16.3	6.6	5.7
s1864	428026	6951454	71.3	8.4	19.4	16.4	6.7	5.8
s1865	428032	6951475	74.1	8.4	19.4	16.4	6.7	5.8
s1866	428001	6951479	71.8	8.4	19.4	16.4	6.7	5.8
s1867	427988	6951486	71.9	8.4	19.4	16.4	6.7	5.8
s1868	427971	6951486	69.7	8.4	19.4	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1869	427960	6951494	69.8	8.4	19.4	16.4	6.7	5.8
s1870	427939	6951496	69.1	8.4	19.4	16.4	6.7	5.8
s1871	427920	6951485	66.2	8.4	19.4	16.3	6.6	5.8
s1872	427904	6951495	66.9	8.4	19.4	16.4	6.6	5.8
s1873	427869	6951512	65.6	8.4	19.4	16.4	6.6	5.8
s1874	428089	6951437	72.9	8.4	19.4	16.4	6.7	5.8
s1875	428143	6951502	75.6	8.5	19.6	16.4	6.7	5.8
s1876	428104	6951491	75.5	8.5	19.5	16.4	6.7	5.8
s1877	428161	6951496	75.4	8.5	19.6	16.4	6.7	5.8
s1878	428182	6951490	74.3	8.5	19.6	16.4	6.7	5.8
s1879	428118	6951447	73.0	8.4	19.5	16.4	6.7	5.8
s1880	428272	6951451	70.6	8.5	19.6	16.4	6.7	5.8
s1881	428275	6951472	71.6	8.5	19.6	16.4	6.7	5.8
s1882	428277	6951495	74.0	8.6	19.7	16.4	6.8	5.8
s1883	428247	6951505	73.8	8.6	19.7	16.4	6.8	5.8
s1884	428230	6951512	75.0	8.6	19.7	16.4	6.8	5.8
s1885	428208	6951506	75.3	8.5	19.6	16.4	6.7	5.8
s1886	428335	6951481	70.5	8.6	19.7	16.4	6.8	5.8
s1887	428355	6951475	70.8	8.6	19.7	16.4	6.8	5.8
s1888	428330	6951454	69.3	8.5	19.6	16.4	6.7	5.8
s1889	428397	6951446	70.4	8.6	19.7	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s1890	428448	6951446	72.2	8.6	19.8	16.4	6.8	5.8
s1891	428591	6951511	75.9	8.9	20.2	16.5	6.9	5.8
s1892	428584	6951494	75.8	8.9	20.1	16.5	6.9	5.8
s1893	428768	6951510	75.8	9.3	20.6	16.6	7.1	5.8
s1894	428741	6951440	75.3	9.0	20.2	16.5	7.0	5.8
s1895	428714	6951448	75.4	9.0	20.2	16.5	6.9	5.8
s1896	428888	6951518	76.0	9.7	21.0	16.7	7.2	5.9
s1897	428873	6951518	76.0	9.7	21.0	16.7	7.2	5.9
s1898	428836	6951519	75.9	9.6	20.9	16.7	7.2	5.9
s1899	428978	6951456	78.4	9.5	20.8	16.6	7.2	5.8
s1900	429280	6951497	84.8	10.0	21.6	16.8	7.4	5.9
s1901	429679	6951453	115.3	10.5	21.8	16.9	7.9	5.9
s1902	429662	6951462	110.7	10.5	21.7	16.9	7.8	5.9
s1903	429645	6951468	110.1	10.5	21.7	16.9	7.8	5.9
s1904	429628	6951487	107.7	10.6	21.7	16.9	7.7	5.9
s1905	429610	6951497	106.7	10.6	21.7	16.9	7.6	5.9
s1906	429598	6951512	105.5	10.7	21.8	16.9	7.6	6.0
s1907	429578	6951518	104.7	10.7	21.8	16.9	7.6	6.0
s1908	430191	6951473	157.4	12.4	23.4	17.4	8.8	6.1
s1909	429929	6951504	169.3	13.2	24.9	17.3	10.1	6.1
s1910	426612	6951500	57.8	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1911	426312	6951480	57.8	8.2	19.2	16.3	6.6	5.7
s1912	425485	6951498	60.5	8.3	19.3	16.3	6.6	5.7
s1913	424813	6951414	57.8	8.3	19.3	16.3	6.6	5.7
s1914	424786	6951403	57.7	8.2	19.2	16.3	6.6	5.7
s1915	424767	6951381	57.6	8.2	19.2	16.3	6.6	5.7
s1916	424527	6951376	57.6	8.2	19.2	16.3	6.6	5.7
s1917	424349	6951392	57.6	8.2	19.2	16.3	6.6	5.7
s1918	423243	6951336	57.5	8.1	19.0	16.3	6.5	5.7
s1919	423190	6951402	57.5	8.1	19.1	16.3	6.5	5.7
s1920	422856	6951340	58.4	8.2	19.3	16.3	6.6	5.7
s1921	427834	6951420	60.3	8.3	19.3	16.3	6.6	5.7
s1922	427855	6951407	60.3	8.3	19.3	16.3	6.6	5.7
s1923	427880	6951398	60.7	8.3	19.3	16.3	6.6	5.7
s1924	427904	6951393	61.4	8.3	19.3	16.3	6.6	5.7
s1925	427930	6951393	62.4	8.3	19.3	16.3	6.6	5.7
s1926	427954	6951382	63.2	8.3	19.3	16.3	6.6	5.7
s1927	427989	6951366	63.4	8.3	19.3	16.3	6.6	5.7
s1928	428005	6951378	65.9	8.3	19.3	16.3	6.6	5.7
s1929	428012	6951399	67.8	8.3	19.3	16.3	6.6	5.7
s1930	428016	6951421	68.8	8.3	19.4	16.3	6.6	5.7
s1931	428105	6951408	71.3	8.4	19.4	16.3	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1932	428100	6951390	69.6	8.3	19.4	16.3	6.7	5.7
s1933	428097	6951371	67.9	8.3	19.4	16.3	6.6	5.7
s1934	428243	6951364	68.4	8.4	19.4	16.4	6.7	5.8
s1935	428247	6951383	67.5	8.4	19.5	16.4	6.7	5.8
s1936	428253	6951404	67.7	8.4	19.5	16.4	6.7	5.8
s1937	428252	6951430	68.8	8.5	19.5	16.4	6.7	5.8
s1938	428325	6951435	68.9	8.5	19.6	16.4	6.7	5.8
s1939	428321	6951421	68.6	8.5	19.6	16.4	6.7	5.8
s1940	428313	6951404	67.7	8.5	19.6	16.4	6.7	5.8
s1941	428352	6951395	67.7	8.5	19.6	16.4	6.7	5.8
s1942	428389	6951404	68.8	8.5	19.6	16.4	6.7	5.8
s1943	428322	6951381	67.9	8.4	19.5	16.4	6.7	5.8
s1944	428380	6951385	68.7	8.5	19.6	16.4	6.7	5.8
s1945	428376	6951364	70.4	8.4	19.5	16.4	6.7	5.8
s1946	428304	6951365	68.7	8.4	19.5	16.4	6.7	5.8
s1947	428428	6951369	71.6	8.5	19.6	16.4	6.7	5.8
s1948	428434	6951389	69.5	8.5	19.6	16.4	6.7	5.8
s1949	428439	6951412	70.1	8.6	19.7	16.4	6.8	5.8
s1950	428443	6951430	71.0	8.6	19.7	16.4	6.8	5.8
s1951	428457	6951399	70.7	8.5	19.7	16.4	6.8	5.8
s1952	428497	6951417	72.5	8.6	19.8	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s1953	428495	6951402	72.0	8.6	19.7	16.4	6.8	5.8
s1954	428577	6951427	75.4	8.7	19.9	16.4	6.8	5.8
s1955	428626	6951391	76.0	8.7	19.9	16.4	6.8	5.8
s1956	428732	6951412	75.9	8.9	20.1	16.5	6.9	5.8
s1957	429014	6951392	80.8	9.2	20.6	16.6	7.1	5.8
s1958	429778	6951386	140.3	10.5	22.0	16.8	8.1	5.9
s1959	429764	6951396	138.7	10.5	22.1	16.8	8.1	5.9
s1960	429746	6951402	137.1	10.5	22.0	16.8	8.1	5.9
s1961	429730	6951415	134.7	10.5	22.0	16.9	8.1	5.9
s1962	429714	6951427	132.7	10.5	21.9	16.9	8.0	5.9
s1963	429695	6951438	130.5	10.4	21.8	16.8	7.9	5.9
s1964	430242	6951438	141.4	11.9	22.7	17.3	8.2	6.1
s1965	426381	6951424	57.7	8.2	19.2	16.3	6.6	5.7
s1966	423670	6951273	57.5	8.1	19.0	16.3	6.5	5.7
s1967	423230	6951259	57.5	8.1	19.0	16.3	6.5	5.7
s1968	422904	6951260	58.3	8.2	19.2	16.3	6.6	5.7
s1969	428066	6951347	65.9	8.3	19.3	16.3	6.6	5.7
s1970	428101	6951331	66.2	8.3	19.3	16.3	6.6	5.7
s1971	428125	6951326	66.0	8.3	19.3	16.3	6.6	5.7
s1972	428150	6951314	66.0	8.3	19.3	16.3	6.6	5.7
s1973	428175	6951309	67.6	8.3	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s1974	428196	6951301	69.5	8.3	19.3	16.3	6.6	5.7
s1975	428223	6951289	72.2	8.3	19.4	16.3	6.6	5.7
s1976	428233	6951323	69.0	8.3	19.4	16.3	6.7	5.7
s1977	428237	6951343	67.3	8.4	19.4	16.3	6.7	5.8
s1978	428035	6951294	61.8	8.3	19.3	16.3	6.6	5.7
s1979	428071	6951281	64.7	8.3	19.3	16.3	6.6	5.7
s1980	428362	6951349	71.6	8.4	19.5	16.4	6.7	5.8
s1981	428301	6951344	69.7	8.4	19.5	16.4	6.7	5.8
s1982	428360	6951328	74.4	8.4	19.5	16.4	6.7	5.8
s1983	428302	6951326	71.9	8.4	19.4	16.4	6.7	5.8
s1984	428340	6951311	75.8	8.4	19.4	16.4	6.7	5.8
s1985	428289	6951306	73.9	8.3	19.4	16.3	6.7	5.7
s1986	428346	6951291	78.5	8.4	19.4	16.3	6.7	5.8
s1987	428401	6951294	80.6	8.4	19.5	16.4	6.7	5.8
s1988	428399	6951313	77.9	8.4	19.5	16.4	6.7	5.8
s1989	428407	6951310	78.9	8.4	19.5	16.4	6.7	5.8
s1990	428414	6951308	79.5	8.4	19.5	16.4	6.7	5.8
s1991	428421	6951306	80.2	8.4	19.5	16.4	6.7	5.8
s1992	428469	6951295	80.9	8.4	19.5	16.4	6.7	5.8
s1993	428463	6951315	80.5	8.4	19.5	16.4	6.7	5.8
s1994	428452	6951339	76.4	8.5	19.6	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s1995	428416	6951353	73.3	8.5	19.6	16.4	6.7	5.8
s1996	428587	6951352	80.5	8.6	19.7	16.4	6.8	5.8
s1997	428649	6951329	81.1	8.6	19.8	16.4	6.8	5.8
s1998	428712	6951310	81.7	8.6	19.8	16.4	6.8	5.8
s1999	428645	6951310	81.5	8.6	19.7	16.4	6.8	5.8
s2000	428603	6951323	81.1	8.5	19.7	16.4	6.8	5.8
s2001	428700	6951291	82.0	8.6	19.8	16.4	6.8	5.8
s2002	428638	6951292	81.8	8.5	19.7	16.4	6.8	5.8
s2003	428552	6951330	80.8	8.5	19.7	16.4	6.8	5.8
s2004	428580	6951309	81.2	8.5	19.7	16.4	6.8	5.8
s2005	428589	6951305	81.3	8.5	19.7	16.4	6.8	5.8
s2006	428600	6951302	81.4	8.5	19.7	16.4	6.8	5.8
s2007	428588	6951287	81.6	8.5	19.6	16.4	6.7	5.8
s2008	428524	6951309	81.0	8.5	19.6	16.4	6.7	5.8
s2009	428836	6951297	82.5	8.7	20.0	16.4	6.9	5.8
s2010	429807	6951286	144.3	9.9	21.4	16.7	8.0	5.9
s2011	429905	6951296	149.4	10.2	21.7	16.8	8.1	5.9
s2012	429887	6951307	150.7	10.2	21.7	16.8	8.2	5.9
s2013	429872	6951319	150.8	10.2	21.7	16.8	8.2	5.9
s2014	429857	6951331	150.2	10.3	21.8	16.8	8.3	5.9
s2015	429841	6951338	148.6	10.3	21.8	16.8	8.3	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s2016	429827	6951347	146.7	10.3	21.9	16.8	8.3	5.9
s2017	429821	6951353	145.3	10.3	21.9	16.8	8.3	5.9
s2018	429813	6951360	144.1	10.4	21.9	16.8	8.2	5.9
s2019	429804	6951363	143.6	10.4	21.9	16.8	8.2	5.9
s2020	422899	6951181	58.6	8.1	19.2	16.3	6.6	5.7
s2021	423726	6951246	57.5	8.1	19.0	16.3	6.5	5.7
s2022	424832	6951190	57.6	8.1	19.1	16.3	6.6	5.7
s2023	425103	6951247	58.2	8.2	19.2	16.3	6.6	5.7
s2024	424526	6951239	57.5	8.1	19.1	16.3	6.5	5.7
s2025	423792	6951227	57.5	8.1	19.0	16.3	6.5	5.7
s2026	423535	6951187	57.5	8.0	19.0	16.3	6.5	5.7
s2027	423469	6951226	57.5	8.1	19.0	16.3	6.5	5.7
s2028	423395	6951243	57.5	8.1	19.0	16.3	6.5	5.7
s2029	428113	6951271	67.6	8.3	19.3	16.3	6.6	5.7
s2030	428145	6951260	70.3	8.3	19.3	16.3	6.6	5.7
s2031	428272	6951276	76.4	8.3	19.4	16.3	6.7	5.7
s2032	428294	6951270	78.5	8.3	19.4	16.3	6.7	5.7
s2033	428319	6951262	80.6	8.3	19.4	16.3	6.7	5.7
s2034	428351	6951253	80.9	8.3	19.4	16.3	6.7	5.7
s2035	428371	6951247	81.1	8.3	19.4	16.3	6.7	5.7
s2036	428411	6951271	81.0	8.4	19.4	16.3	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2037	428394	6951252	81.2	8.3	19.4	16.3	6.7	5.7
s2038	428443	6951238	81.6	8.4	19.4	16.3	6.7	5.7
s2039	428448	6951257	81.4	8.4	19.5	16.3	6.7	5.8
s2040	428680	6951277	82.2	8.5	19.7	16.4	6.8	5.8
s2041	428516	6951266	81.6	8.4	19.5	16.4	6.7	5.8
s2042	428585	6951267	81.9	8.4	19.6	16.4	6.7	5.8
s2043	428577	6951246	82.2	8.4	19.5	16.4	6.7	5.8
s2044	428570	6951229	82.5	8.4	19.5	16.4	6.7	5.8
s2045	428507	6951245	81.9	8.4	19.5	16.4	6.7	5.8
s2046	428516	6951243	81.9	8.4	19.5	16.4	6.7	5.8
s2047	428532	6951239	82.1	8.4	19.5	16.4	6.7	5.8
s2048	428541	6951236	82.2	8.4	19.5	16.4	6.7	5.8
s2049	428261	6951208	80.8	8.3	19.3	16.3	6.6	5.7
s2050	428681	6951212	83.4	8.4	19.6	16.4	6.7	5.8
s2051	428688	6951237	83.0	8.5	19.6	16.4	6.7	5.8
s2052	428691	6951251	82.8	8.5	19.7	16.4	6.8	5.8
s2053	428496	6951205	82.4	8.3	19.4	16.3	6.7	5.7
s2054	428502	6951229	82.1	8.4	19.5	16.3	6.7	5.8
s2055	429574	6951258	128.5	9.2	20.7	16.5	7.4	5.8
s2056	429850	6951219	138.9	9.6	21.2	16.6	7.9	5.8
s2057	429796	6951213	136.5	9.5	21.0	16.6	7.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2058	429783	6951218	136.4	9.5	21.0	16.6	7.7	5.8
s2059	429798	6951236	139.4	9.6	21.1	16.6	7.8	5.8
s2060	429802	6951257	141.9	9.7	21.2	16.6	7.9	5.9
s2061	429917	6951213	135.5	9.7	21.3	16.7	7.9	5.9
s2062	429902	6951228	139.3	9.8	21.4	16.7	8.0	5.9
s2063	429885	6951240	140.9	9.8	21.4	16.7	7.9	5.9
s2064	429846	6951261	143.4	9.8	21.3	16.7	7.9	5.9
s2065	430019	6951217	150.7	9.8	21.4	16.7	7.6	5.9
s2066	430003	6951228	149.2	9.9	21.5	16.7	7.8	5.9
s2067	429983	6951236	145.0	9.9	21.4	16.7	7.8	5.9
s2068	429968	6951248	142.6	9.9	21.5	16.7	7.8	5.9
s2069	429952	6951260	137.7	10.0	21.5	16.7	7.9	5.9
s2070	429936	6951270	141.5	10.0	21.5	16.7	8.0	5.9
s2071	429921	6951284	146.0	10.1	21.6	16.7	8.1	5.9
s2072	431181	6951257	110.8	13.1	23.3	17.6	8.0	6.2
s2073	424381	6951168	57.5	8.1	19.1	16.3	6.5	5.7
s2074	424300	6951156	57.5	8.1	19.0	16.3	6.5	5.7
s2075	424158	6951095	57.5	8.0	19.0	16.3	6.5	5.7
s2076	424075	6951121	57.5	8.0	19.0	16.3	6.5	5.7
s2077	423997	6951112	57.5	8.0	19.0	16.3	6.5	5.7
s2078	423926	6951121	57.5	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2079	423862	6951155	57.5	8.0	19.0	16.3	6.5	5.7
s2080	423210	6951152	57.6	8.0	19.0	16.3	6.5	5.7
s2081	422950	6951110	58.5	8.1	19.1	16.3	6.5	5.7
s2082	428286	6951193	81.2	8.3	19.3	16.3	6.6	5.7
s2083	428307	6951192	81.3	8.3	19.3	16.3	6.6	5.7
s2084	428352	6951191	81.7	8.3	19.3	16.3	6.6	5.7
s2085	428407	6951167	82.3	8.3	19.3	16.3	6.6	5.7
s2086	428346	6951173	81.8	8.3	19.3	16.3	6.6	5.7
s2087	428341	6951153	82.0	8.3	19.3	16.3	6.6	5.7
s2088	428407	6951130	82.7	8.3	19.3	16.3	6.6	5.7
s2089	428660	6951177	83.8	8.4	19.5	16.4	6.7	5.8
s2090	428569	6951183	83.1	8.4	19.5	16.3	6.7	5.7
s2091	428553	6951130	83.6	8.3	19.4	16.3	6.7	5.7
s2092	428550	6951185	83.0	8.3	19.4	16.3	6.7	5.7
s2093	428488	6951139	83.1	8.3	19.3	16.3	6.7	5.7
s2094	428339	6951135	82.1	8.2	19.3	16.3	6.6	5.7
s2095	428290	6951144	81.7	8.2	19.3	16.3	6.6	5.7
s2096	428250	6951170	81.2	8.2	19.3	16.3	6.6	5.7
s2097	428955	6951143	85.9	8.5	19.7	16.4	6.8	5.8
s2098	428959	6951177	85.6	8.5	19.8	16.4	6.8	5.8
s2099	429077	6951129	93.6	8.5	19.8	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s2100	429213	6951142	96.5	8.6	20.0	16.4	6.9	5.8
s2101	429193	6951149	95.8	8.6	20.0	16.4	6.9	5.8
s2102	429168	6951151	94.9	8.6	19.9	16.4	6.9	5.8
s2103	429151	6951156	94.6	8.6	19.9	16.4	6.9	5.8
s2104	429132	6951159	94.0	8.6	19.9	16.4	6.9	5.8
s2105	429113	6951160	93.6	8.6	19.9	16.4	6.9	5.8
s2106	428976	6951133	86.9	8.5	19.7	16.4	6.8	5.8
s2107	428976	6951140	86.1	8.5	19.7	16.4	6.8	5.8
s2108	428977	6951147	85.8	8.5	19.8	16.4	6.8	5.8
s2109	428978	6951154	85.8	8.5	19.8	16.4	6.8	5.8
s2110	428980	6951165	85.7	8.5	19.8	16.4	6.8	5.8
s2111	428979	6951172	85.7	8.6	19.8	16.4	6.8	5.8
s2112	428981	6951179	85.6	8.6	19.8	16.4	6.8	5.8
s2113	428982	6951185	85.5	8.6	19.9	16.4	6.8	5.8
s2114	429006	6951179	85.7	8.6	19.9	16.4	6.8	5.8
s2115	428998	6951149	86.0	8.5	19.8	16.4	6.8	5.8
s2116	429008	6951145	88.2	8.5	19.8	16.4	6.8	5.8
s2117	429019	6951140	90.9	8.5	19.8	16.4	6.8	5.8
s2118	429030	6951137	91.2	8.5	19.8	16.4	6.8	5.8
s2119	429027	6951173	85.9	8.6	19.9	16.4	6.8	5.8
s2120	429077	6951166	92.9	8.6	19.9	16.4	6.9	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2121	429060	6951166	91.3	8.6	19.9	16.4	6.9	5.8
s2122	429248	6951141	97.4	8.6	20.0	16.4	6.9	5.8
s2123	429266	6951142	98.1	8.6	20.0	16.4	6.9	5.8
s2124	429287	6951137	98.5	8.6	20.0	16.4	6.9	5.8
s2125	429305	6951135	99.2	8.6	20.0	16.4	6.9	5.8
s2126	429364	6951139	100.2	8.7	20.1	16.4	6.9	5.8
s2127	429371	6951166	105.5	8.7	20.2	16.4	6.9	5.8
s2128	428284	6951129	81.8	8.2	19.2	16.3	6.6	5.7
s2129	428244	6951146	81.3	8.2	19.2	16.3	6.6	5.7
s2130	429774	6951137	113.8	9.1	20.7	16.5	7.5	5.8
s2131	429778	6951156	116.6	9.2	20.8	16.5	7.6	5.8
s2132	429785	6951177	131.1	9.3	20.9	16.6	7.6	5.8
s2133	429821	6951138	115.7	9.2	20.9	16.5	7.8	5.8
s2134	429862	6951146	117.0	9.3	21.0	16.6	7.9	5.8
s2135	429877	6951135	119.1	9.3	21.0	16.6	7.9	5.8
s2136	429844	6951161	126.2	9.4	21.0	16.6	7.9	5.8
s2137	429826	6951172	131.4	9.4	21.0	16.6	7.8	5.8
s2138	429963	6951130	130.9	9.4	20.9	16.6	7.6	5.8
s2139	429947	6951149	131.3	9.5	21.0	16.6	7.7	5.8
s2140	429931	6951160	130.2	9.5	21.1	16.6	7.8	5.8
s2141	429914	6951167	127.4	9.5	21.1	16.6	8.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2142	429791	6951197	133.9	9.4	21.0	16.6	7.6	5.8
s2143	429893	6951180	132.0	9.5	21.2	16.6	8.0	5.8
s2144	429879	6951192	134.5	9.5	21.2	16.6	8.0	5.8
s2145	429864	6951205	136.7	9.6	21.2	16.6	7.9	5.8
s2146	429986	6951167	143.1	9.6	21.2	16.6	7.7	5.9
s2147	429966	6951181	134.5	9.6	21.2	16.6	7.7	5.9
s2148	429953	6951187	133.9	9.6	21.2	16.6	7.7	5.9
s2149	429935	6951203	132.4	9.7	21.3	16.6	7.8	5.9
s2150	430048	6951188	151.4	9.7	21.3	16.7	7.5	5.9
s2151	430035	6951202	150.7	9.7	21.3	16.7	7.5	5.9
s2152	424236	6951091	57.5	8.1	19.0	16.3	6.5	5.7
s2153	428471	6951092	83.4	8.3	19.3	16.3	6.6	5.7
s2154	428528	6951052	84.0	8.2	19.3	16.3	6.7	5.7
s2155	428565	6951041	84.2	8.2	19.3	16.3	6.7	5.7
s2156	428663	6951049	84.7	8.3	19.4	16.3	6.7	5.7
s2157	428574	6951061	84.2	8.3	19.3	16.3	6.7	5.7
s2158	428533	6951075	83.9	8.3	19.3	16.3	6.7	5.7
s2159	428539	6951091	83.9	8.3	19.3	16.3	6.7	5.7
s2160	428580	6951078	84.2	8.3	19.3	16.3	6.7	5.7
s2161	428583	6951100	84.1	8.3	19.4	16.3	6.7	5.7
s2162	428661	6951069	84.7	8.3	19.4	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2163	428668	6951091	84.7	8.3	19.4	16.3	6.7	5.7
s2164	428593	6951119	84.0	8.3	19.4	16.3	6.7	5.7
s2165	428481	6951106	83.4	8.3	19.3	16.3	6.7	5.7
s2166	428548	6951113	83.8	8.3	19.4	16.3	6.7	5.7
s2167	428458	6951074	83.4	8.2	19.3	16.3	6.6	5.7
s2168	428403	6951110	82.8	8.2	19.3	16.3	6.6	5.7
s2169	428713	6951065	85.1	8.3	19.4	16.3	6.7	5.7
s2170	428748	6951063	85.3	8.3	19.4	16.3	6.7	5.7
s2171	428770	6951051	85.4	8.3	19.4	16.3	6.7	5.7
s2172	428794	6951049	85.5	8.3	19.4	16.3	6.7	5.7
s2173	428813	6951042	85.5	8.3	19.4	16.3	6.7	5.7
s2174	428940	6951063	93.3	8.4	19.6	16.3	6.7	5.8
s2175	428966	6951058	93.1	8.4	19.6	16.4	6.7	5.8
s2176	428988	6951054	93.1	8.4	19.6	16.4	6.7	5.8
s2177	429005	6951054	93.2	8.4	19.6	16.4	6.7	5.8
s2178	429024	6951050	93.5	8.4	19.6	16.4	6.7	5.8
s2179	429042	6951047	93.7	8.4	19.6	16.4	6.7	5.8
s2180	429059	6951046	94.0	8.4	19.6	16.4	6.7	5.8
s2181	428950	6951093	92.4	8.4	19.6	16.4	6.8	5.8
s2182	428971	6951089	92.3	8.4	19.6	16.4	6.8	5.8
s2183	428956	6951118	89.6	8.5	19.7	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2184	428977	6951117	89.7	8.5	19.7	16.4	6.8	5.8
s2185	429084	6951078	94.1	8.5	19.7	16.4	6.8	5.8
s2186	429055	6951083	93.7	8.5	19.7	16.4	6.8	5.8
s2187	429053	6951119	93.3	8.5	19.8	16.4	6.8	5.8
s2188	429109	6951121	94.3	8.5	19.8	16.4	6.8	5.8
s2189	429128	6951117	94.7	8.5	19.8	16.4	6.8	5.8
s2190	429146	6951114	95.0	8.5	19.8	16.4	6.8	5.8
s2191	429164	6951112	95.4	8.5	19.8	16.4	6.8	5.8
s2192	429182	6951108	95.6	8.5	19.8	16.4	6.8	5.8
s2193	429204	6951107	96.3	8.5	19.9	16.4	6.8	5.8
s2194	429122	6951073	94.9	8.5	19.7	16.4	6.8	5.8
s2195	429143	6951074	95.1	8.5	19.7	16.4	6.8	5.8
s2196	429160	6951070	95.3	8.5	19.7	16.4	6.8	5.8
s2197	429179	6951064	95.5	8.5	19.7	16.4	6.8	5.8
s2198	429198	6951062	95.7	8.5	19.7	16.4	6.8	5.8
s2199	429218	6951055	96.0	8.5	19.7	16.4	6.8	5.8
s2200	429255	6951061	96.6	8.5	19.8	16.4	6.8	5.8
s2201	429252	6951086	97.0	8.5	19.8	16.4	6.8	5.8
s2202	429248	6951104	97.2	8.6	19.9	16.4	6.8	5.8
s2203	429288	6951051	96.7	8.5	19.8	16.4	6.8	5.8
s2204	429290	6951059	97.1	8.5	19.8	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2205	429297	6951082	97.9	8.5	19.9	16.4	6.8	5.8
s2206	429299	6951096	98.2	8.6	19.9	16.4	6.8	5.8
s2207	429355	6951060	97.1	8.5	19.9	16.4	6.8	5.8
s2208	429362	6951107	99.1	8.6	20.0	16.4	6.9	5.8
s2209	429358	6951080	98.0	8.6	19.9	16.4	6.8	5.8
s2210	428450	6951055	83.4	8.2	19.3	16.3	6.6	5.7
s2211	428395	6951094	82.9	8.2	19.3	16.3	6.6	5.7
s2212	428389	6951075	82.9	8.2	19.2	16.3	6.6	5.7
s2213	428331	6951115	82.2	8.2	19.3	16.3	6.6	5.7
s2214	428276	6951112	81.9	8.2	19.2	16.3	6.6	5.7
s2215	428273	6951091	82.0	8.2	19.2	16.3	6.6	5.7
s2216	428266	6951072	82.0	8.2	19.2	16.3	6.6	5.7
s2217	428258	6951053	82.1	8.2	19.2	16.3	6.6	5.7
s2218	428323	6951094	82.3	8.2	19.2	16.3	6.6	5.7
s2219	428322	6951074	82.5	8.2	19.2	16.3	6.6	5.7
s2220	428226	6951084	81.6	8.2	19.2	16.3	6.6	5.7
s2221	428220	6951042	81.7	8.2	19.2	16.3	6.6	5.7
s2222	429759	6951052	103.8	8.9	20.4	16.5	7.4	5.8
s2223	429788	6951055	105.5	8.9	20.5	16.5	7.5	5.8
s2224	429952	6951051	124.4	9.1	20.6	16.5	7.4	5.8
s2225	429899	6951063	120.6	9.1	20.6	16.5	7.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2226	429958	6951070	125.6	9.2	20.7	16.5	7.4	5.8
s2227	429905	6951085	122.0	9.2	20.7	16.5	7.7	5.8
s2228	429859	6951071	115.8	9.1	20.7	16.5	7.7	5.8
s2229	429809	6951079	107.7	9.0	20.6	16.5	7.6	5.8
s2230	429791	6951086	108.2	9.0	20.6	16.5	7.5	5.8
s2231	429767	6951096	108.8	9.0	20.6	16.5	7.5	5.8
s2232	429769	6951116	111.4	9.1	20.6	16.5	7.5	5.8
s2233	429838	6951125	114.2	9.2	20.8	16.5	7.8	5.8
s2234	429859	6951115	115.9	9.2	20.8	16.5	7.8	5.8
s2235	429907	6951104	123.1	9.2	20.8	16.5	7.8	5.8
s2236	429893	6951124	121.7	9.3	20.9	16.6	7.8	5.8
s2237	429957	6951089	127.0	9.2	20.7	16.6	7.5	5.8
s2238	429960	6951107	128.7	9.3	20.8	16.6	7.6	5.8
s2239	430085	6951060	145.1	9.3	20.8	16.6	7.3	5.8
s2240	430069	6951075	145.3	9.3	20.8	16.6	7.3	5.8
s2241	430019	6951086	143.0	9.3	20.8	16.6	7.5	5.8
s2242	431618	6951114	141.2	13.7	23.6	17.6	9.2	6.2
s2243	423571	6951029	57.5	8.0	18.9	16.3	6.5	5.7
s2244	423686	6951023	57.5	8.0	19.0	16.3	6.5	5.7
s2245	423982	6951023	57.5	8.0	19.0	16.3	6.5	5.7
s2246	424577	6951055	57.5	8.1	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2247	424501	6951055	57.5	8.1	19.0	16.3	6.5	5.7
s2248	424406	6951035	57.5	8.0	19.0	16.3	6.5	5.7
s2249	423473	6951088	57.5	8.0	19.0	16.3	6.5	5.7
s2250	428657	6950989	84.5	8.2	19.3	16.3	6.7	5.7
s2251	428659	6951012	84.7	8.3	19.3	16.3	6.7	5.7
s2252	428660	6951032	84.7	8.3	19.3	16.3	6.7	5.7
s2253	428561	6951020	84.1	8.2	19.3	16.3	6.7	5.7
s2254	428831	6951039	85.9	8.3	19.4	16.3	6.7	5.7
s2255	428850	6951033	88.9	8.3	19.4	16.3	6.7	5.7
s2256	428847	6951021	89.6	8.3	19.4	16.3	6.7	5.7
s2257	428847	6951011	90.3	8.3	19.4	16.3	6.7	5.7
s2258	428845	6951004	90.7	8.3	19.4	16.3	6.7	5.7
s2259	428843	6950996	90.9	8.3	19.4	16.3	6.7	5.7
s2260	428871	6951023	92.5	8.3	19.4	16.3	6.7	5.7
s2261	428891	6951020	93.1	8.3	19.5	16.3	6.7	5.7
s2262	428881	6950977	93.2	8.3	19.4	16.3	6.7	5.7
s2263	428705	6951028	85.0	8.3	19.4	16.3	6.7	5.7
s2264	428700	6951007	84.9	8.3	19.3	16.3	6.7	5.7
s2265	428692	6950976	84.5	8.2	19.3	16.3	6.7	5.7
s2266	428932	6950967	93.6	8.3	19.4	16.3	6.7	5.7
s2267	428931	6950986	93.5	8.3	19.4	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2268	428937	6951008	93.6	8.3	19.5	16.3	6.7	5.7
s2269	428960	6951003	93.5	8.3	19.5	16.3	6.7	5.7
s2270	429003	6950979	93.5	8.3	19.5	16.3	6.7	5.7
s2271	429009	6950996	93.7	8.3	19.5	16.3	6.7	5.7
s2272	429050	6950988	93.9	8.3	19.5	16.3	6.7	5.7
s2273	429072	6950981	93.9	8.3	19.5	16.3	6.7	5.7
s2274	429075	6951042	94.2	8.4	19.6	16.4	6.7	5.8
s2275	429138	6951032	94.8	8.4	19.6	16.4	6.8	5.8
s2276	429157	6951029	94.9	8.4	19.6	16.4	6.8	5.8
s2277	429174	6951032	95.1	8.4	19.7	16.4	6.8	5.8
s2278	429194	6951027	95.2	8.4	19.7	16.4	6.8	5.8
s2279	429215	6951020	95.3	8.4	19.7	16.4	6.8	5.8
s2280	429232	6951022	95.4	8.4	19.7	16.4	6.8	5.8
s2281	429251	6951014	95.4	8.4	19.7	16.4	6.8	5.8
s2282	429150	6950982	94.1	8.4	19.5	16.3	6.7	5.7
s2283	429168	6950978	94.1	8.4	19.6	16.3	6.7	5.8
s2284	429181	6950975	94.0	8.4	19.6	16.3	6.7	5.8
s2285	429278	6950968	93.8	8.4	19.6	16.3	6.7	5.8
s2286	429287	6951009	95.3	8.4	19.7	16.4	6.8	5.8
s2287	429290	6951031	96.1	8.5	19.7	16.4	6.8	5.8
s2288	429341	6950985	93.8	8.4	19.7	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2289	428650	6950967	84.3	8.2	19.3	16.3	6.7	5.7
s2290	428540	6950962	83.8	8.2	19.2	16.3	6.6	5.7
s2291	428549	6950983	84.0	8.2	19.2	16.3	6.6	5.7
s2292	428568	6950995	84.1	8.2	19.3	16.3	6.7	5.7
s2293	428501	6950972	83.7	8.2	19.2	16.3	6.6	5.7
s2294	428507	6950995	83.8	8.2	19.2	16.3	6.6	5.7
s2295	428512	6951015	83.9	8.2	19.3	16.3	6.7	5.7
s2296	428522	6951032	83.9	8.2	19.3	16.3	6.7	5.7
s2297	428446	6951037	83.4	8.2	19.2	16.3	6.6	5.7
s2298	428457	6951009	83.5	8.2	19.2	16.3	6.6	5.7
s2299	428429	6950998	83.3	8.2	19.2	16.3	6.6	5.7
s2300	428420	6950985	83.3	8.2	19.2	16.3	6.6	5.7
s2301	428322	6950970	82.7	8.2	19.2	16.3	6.6	5.7
s2302	428278	6950961	82.4	8.2	19.1	16.3	6.6	5.7
s2303	428303	6950977	82.6	8.2	19.2	16.3	6.6	5.7
s2304	428287	6950984	82.5	8.2	19.2	16.3	6.6	5.7
s2305	428355	6950984	82.9	8.2	19.2	16.3	6.6	5.7
s2306	428375	6951016	83.0	8.2	19.2	16.3	6.6	5.7
s2307	428379	6951037	83.0	8.2	19.2	16.3	6.6	5.7
s2308	428251	6951037	82.1	8.2	19.2	16.3	6.6	5.7
s2309	428248	6951013	82.2	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2310	428315	6951034	82.6	8.2	19.2	16.3	6.6	5.7
s2311	428310	6951014	82.6	8.2	19.2	16.3	6.6	5.7
s2312	429934	6950988	120.5	8.9	20.3	16.5	7.3	5.8
s2313	429884	6950978	116.8	8.8	20.3	16.5	7.4	5.8
s2314	429867	6950984	115.4	8.8	20.3	16.5	7.5	5.8
s2315	429848	6950986	112.7	8.8	20.3	16.4	7.5	5.8
s2316	429826	6950990	109.0	8.8	20.3	16.4	7.5	5.8
s2317	429804	6950993	107.9	8.8	20.3	16.4	7.5	5.8
s2318	429782	6950992	106.3	8.8	20.3	16.4	7.4	5.8
s2319	429750	6951002	92.5	8.7	20.3	16.4	7.4	5.8
s2320	429755	6951028	101.5	8.8	20.3	16.4	7.4	5.8
s2321	429811	6951047	107.7	8.9	20.5	16.5	7.6	5.8
s2322	429836	6951041	109.3	8.9	20.5	16.5	7.6	5.8
s2323	429855	6951037	115.1	8.9	20.5	16.5	7.6	5.8
s2324	429883	6951030	118.0	9.0	20.5	16.5	7.5	5.8
s2325	429892	6951046	119.4	9.0	20.6	16.5	7.6	5.8
s2326	429936	6951008	121.5	9.0	20.4	16.5	7.3	5.8
s2327	429945	6951026	122.7	9.0	20.5	16.5	7.4	5.8
s2328	429990	6950994	121.1	9.0	20.4	16.5	7.2	5.8
s2329	429998	6951015	121.8	9.1	20.5	16.5	7.3	5.8
s2330	430026	6951016	128.8	9.1	20.6	16.5	7.3	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s2331	430047	6951021	141.8	9.1	20.6	16.5	7.2	5.8
s2332	430067	6951030	142.9	9.2	20.6	16.5	7.2	5.8
s2333	430053	6950972	129.5	9.0	20.4	16.5	7.2	5.8
s2334	430101	6950982	142.3	9.1	20.5	16.5	7.2	5.8
s2335	430094	6950995	142.5	9.1	20.5	16.5	7.2	5.8
s2336	430144	6950983	142.1	9.1	20.6	16.5	7.2	5.8
s2337	430131	6951000	142.6	9.1	20.6	16.5	7.2	5.8
s2338	430118	6951015	143.2	9.2	20.6	16.5	7.2	5.8
s2339	430093	6951045	144.2	9.2	20.7	16.6	7.3	5.8
s2340	423679	6950956	57.6	8.0	18.9	16.3	6.5	5.7
s2341	423374	6950979	57.6	8.0	18.9	16.3	6.5	5.7
s2342	422930	6950939	59.2	8.1	19.1	16.3	6.5	5.7
s2343	423536	6950951	57.6	8.0	18.9	16.3	6.5	5.7
s2344	423905	6951003	57.5	8.0	19.0	16.3	6.5	5.7
s2345	424125	6950972	57.5	8.0	19.0	16.3	6.5	5.7
s2346	424284	6951000	57.5	8.0	19.0	16.3	6.5	5.7
s2347	428878	6950949	93.1	8.3	19.4	16.3	6.7	5.7
s2348	428869	6950913	92.9	8.2	19.3	16.3	6.7	5.7
s2349	428689	6950946	84.2	8.2	19.3	16.3	6.7	5.7
s2350	428707	6950933	84.0	8.2	19.3	16.3	6.7	5.7
s2351	428731	6950930	84.0	8.2	19.3	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s2352	428756	6950928	85.0	8.2	19.3	16.3	6.7	5.7
s2353	428773	6950927	86.6	8.2	19.3	16.3	6.7	5.7
s2354	428795	6950922	88.4	8.2	19.3	16.3	6.7	5.7
s2355	428815	6950921	90.0	8.2	19.3	16.3	6.7	5.7
s2356	428836	6950919	91.5	8.2	19.3	16.3	6.7	5.7
s2357	428687	6950892	83.3	8.2	19.2	16.3	6.6	5.7
s2358	428725	6950888	83.3	8.2	19.2	16.3	6.6	5.7
s2359	428748	6950885	84.6	8.2	19.2	16.3	6.6	5.7
s2360	428923	6950903	93.1	8.3	19.3	16.3	6.6	5.7
s2361	428946	6950901	93.2	8.3	19.3	16.3	6.6	5.7
s2362	428920	6950924	93.3	8.3	19.4	16.3	6.7	5.7
s2363	428924	6950946	93.4	8.3	19.4	16.3	6.7	5.7
s2364	428977	6950898	93.1	8.3	19.3	16.3	6.6	5.7
s2365	428997	6950913	93.2	8.3	19.4	16.3	6.7	5.7
s2366	428999	6950933	93.4	8.3	19.4	16.3	6.7	5.7
s2367	429002	6950957	93.5	8.3	19.4	16.3	6.7	5.7
s2368	429040	6950900	92.9	8.3	19.4	16.3	6.7	5.7
s2369	429044	6950928	93.3	8.3	19.4	16.3	6.7	5.7
s2370	429051	6950950	93.5	8.3	19.4	16.3	6.7	5.7
s2371	429234	6950963	93.8	8.4	19.6	16.3	6.7	5.8
s2372	429053	6950890	89.3	8.3	19.4	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2373	429063	6950889	88.8	8.3	19.4	16.3	6.7	5.7
s2374	429268	6950890	77.6	8.3	19.5	16.3	6.7	5.7
s2375	429270	6950910	81.3	8.3	19.5	16.3	6.7	5.7
s2376	429275	6950929	87.2	8.4	19.5	16.3	6.7	5.7
s2377	429278	6950950	93.1	8.4	19.6	16.3	6.7	5.8
s2378	429337	6950941	83.3	8.4	19.6	16.3	6.7	5.8
s2379	428638	6950890	83.2	8.2	19.2	16.3	6.6	5.7
s2380	428645	6950928	83.8	8.2	19.2	16.3	6.6	5.7
s2381	428648	6950948	84.1	8.2	19.3	16.3	6.7	5.7
s2382	428518	6950889	83.0	8.2	19.2	16.3	6.6	5.7
s2383	428527	6950902	83.2	8.2	19.2	16.3	6.6	5.7
s2384	428532	6950921	83.4	8.2	19.2	16.3	6.6	5.7
s2385	428538	6950943	83.6	8.2	19.2	16.3	6.6	5.7
s2386	428479	6950896	83.0	8.2	19.2	16.3	6.6	5.7
s2387	428483	6950921	83.2	8.2	19.2	16.3	6.6	5.7
s2388	428491	6950938	83.4	8.2	19.2	16.3	6.6	5.7
s2389	428493	6950957	83.5	8.2	19.2	16.3	6.6	5.7
s2390	428429	6950958	83.2	8.2	19.2	16.3	6.6	5.7
s2391	428424	6950938	83.1	8.2	19.2	16.3	6.6	5.7
s2392	428407	6950920	82.9	8.2	19.2	16.3	6.6	5.7
s2393	428406	6950900	82.8	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2394	428394	6950882	82.6	8.1	19.1	16.3	6.6	5.7
s2395	428345	6950921	82.7	8.1	19.1	16.3	6.6	5.7
s2396	428349	6950941	82.8	8.2	19.2	16.3	6.6	5.7
s2397	428314	6950950	82.6	8.2	19.2	16.3	6.6	5.7
s2398	428296	6950955	82.5	8.2	19.1	16.3	6.6	5.7
s2399	428331	6950884	82.4	8.1	19.1	16.3	6.6	5.7
s2400	428337	6950904	82.5	8.1	19.1	16.3	6.6	5.7
s2401	429986	6950896	116.9	8.8	20.1	16.4	7.1	5.8
s2402	429967	6950916	117.9	8.8	20.1	16.4	7.1	5.8
s2403	429751	6950902	102.9	8.6	20.0	16.4	7.3	5.8
s2404	429822	6950893	107.0	8.6	20.0	16.4	7.3	5.8
s2405	429796	6950896	106.6	8.6	20.0	16.4	7.3	5.8
s2406	429931	6950923	117.7	8.8	20.1	16.4	7.2	5.8
s2407	429930	6950941	118.4	8.8	20.2	16.4	7.2	5.8
s2408	429747	6950919	99.4	8.6	20.0	16.4	7.3	5.8
s2409	429750	6950958	98.7	8.7	20.1	16.4	7.3	5.8
s2410	429780	6950955	106.4	8.7	20.2	16.4	7.4	5.8
s2411	429797	6950945	107.3	8.7	20.2	16.4	7.4	5.8
s2412	429818	6950947	108.1	8.7	20.2	16.4	7.4	5.8
s2413	429845	6950940	108.3	8.7	20.2	16.4	7.4	5.8
s2414	429873	6950946	115.1	8.8	20.2	16.4	7.4	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s2415	429933	6950966	119.5	8.9	20.3	16.5	7.2	5.8
s2416	430039	6950963	122.3	9.0	20.4	16.5	7.2	5.8
s2417	430118	6950962	142.1	9.0	20.5	16.5	7.2	5.8
s2418	425895	6950907	57.5	8.0	19.0	16.3	6.5	5.7
s2419	423593	6950854	57.7	8.0	18.9	16.3	6.5	5.7
s2420	423668	6950860	57.6	8.0	18.9	16.3	6.5	5.7
s2421	422977	6950872	59.1	8.1	19.1	16.3	6.5	5.7
s2422	423067	6950870	58.6	8.0	19.0	16.3	6.5	5.7
s2423	428767	6950880	85.8	8.2	19.3	16.3	6.6	5.7
s2424	428788	6950878	87.1	8.2	19.3	16.3	6.6	5.7
s2425	428806	6950875	88.0	8.2	19.3	16.3	6.6	5.7
s2426	428831	6950870	88.9	8.2	19.3	16.3	6.6	5.7
s2427	428849	6950868	89.4	8.2	19.3	16.3	6.6	5.7
s2428	428869	6950866	89.9	8.2	19.3	16.3	6.6	5.7
s2429	428861	6950830	85.8	8.2	19.2	16.3	6.6	5.7
s2430	428681	6950871	83.0	8.2	19.2	16.3	6.6	5.7
s2431	428679	6950845	82.5	8.2	19.2	16.3	6.6	5.7
s2432	428675	6950822	82.1	8.2	19.2	16.3	6.6	5.7
s2433	428674	6950802	81.7	8.2	19.2	16.3	6.6	5.7
s2434	428911	6950810	82.7	8.2	19.2	16.3	6.6	5.7
s2435	428950	6950806	80.9	8.2	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2436	428952	6950824	84.0	8.2	19.3	16.3	6.6	5.7
s2437	428912	6950861	90.1	8.2	19.3	16.3	6.6	5.7
s2438	428936	6950859	90.0	8.2	19.3	16.3	6.6	5.7
s2439	428957	6950846	87.7	8.2	19.3	16.3	6.6	5.7
s2440	429132	6950877	82.6	8.3	19.4	16.3	6.7	5.7
s2441	429152	6950871	79.2	8.3	19.4	16.3	6.7	5.7
s2442	429168	6950872	79.3	8.3	19.4	16.3	6.7	5.7
s2443	429188	6950865	76.2	8.3	19.4	16.3	6.7	5.7
s2444	429206	6950866	75.3	8.3	19.4	16.3	6.7	5.7
s2445	429225	6950862	73.5	8.3	19.4	16.3	6.7	5.7
s2446	429259	6950853	77.0	8.3	19.4	16.3	6.7	5.7
s2447	429267	6950872	77.8	8.3	19.4	16.3	6.7	5.7
s2448	428623	6950853	82.6	8.2	19.2	16.3	6.6	5.7
s2449	428624	6950808	81.9	8.2	19.2	16.3	6.6	5.7
s2450	428628	6950830	82.2	8.2	19.2	16.3	6.6	5.7
s2451	428592	6950823	82.2	8.2	19.2	16.3	6.6	5.7
s2452	428575	6950828	82.2	8.2	19.2	16.3	6.6	5.7
s2453	428554	6950835	82.3	8.2	19.2	16.3	6.6	5.7
s2454	428508	6950846	82.5	8.1	19.2	16.3	6.6	5.7
s2455	428513	6950867	82.7	8.2	19.2	16.3	6.6	5.7
s2456	428471	6950870	82.7	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2457	428447	6950879	82.7	8.1	19.2	16.3	6.6	5.7
s2458	428378	6950832	82.1	8.1	19.1	16.3	6.6	5.7
s2459	428403	6950822	82.0	8.1	19.1	16.3	6.6	5.7
s2460	428418	6950817	82.0	8.1	19.1	16.3	6.6	5.7
s2461	428438	6950815	82.0	8.1	19.1	16.3	6.6	5.7
s2462	428451	6950810	81.9	8.1	19.1	16.3	6.6	5.7
s2463	428487	6950801	81.8	8.1	19.1	16.3	6.6	5.7
s2464	428363	6950801	81.8	8.1	19.1	16.3	6.6	5.7
s2465	428310	6950825	81.9	8.1	19.1	16.3	6.6	5.7
s2466	428318	6950843	82.1	8.1	19.1	16.3	6.6	5.7
s2467	428325	6950863	82.2	8.1	19.1	16.3	6.6	5.7
s2468	428267	6950821	81.7	8.1	19.1	16.3	6.6	5.7
s2469	428271	6950832	81.7	8.1	19.1	16.3	6.6	5.7
s2470	428274	6950843	81.8	8.1	19.1	16.3	6.6	5.7
s2471	428213	6950840	81.5	8.1	19.1	16.3	6.6	5.7
s2472	428210	6950828	81.4	8.1	19.1	16.3	6.6	5.7
s2473	429161	6950822	72.9	8.3	19.3	16.3	6.7	5.7
s2474	429203	6950811	73.0	8.3	19.3	16.3	6.7	5.7
s2475	429225	6950813	73.9	8.3	19.3	16.3	6.7	5.7
s2476	429245	6950807	74.6	8.3	19.4	16.3	6.7	5.7
s2477	429972	6950814	114.3	8.6	19.9	16.4	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2478	429985	6950852	115.2	8.7	20.0	16.4	7.0	5.8
s2479	429990	6950872	115.8	8.7	20.0	16.4	7.0	5.8
s2480	429740	6950826	100.6	8.5	19.8	16.4	7.1	5.8
s2481	429732	6950842	96.5	8.5	19.8	16.4	7.1	5.8
s2482	429739	6950859	98.5	8.5	19.9	16.4	7.2	5.8
s2483	429742	6950879	98.8	8.5	19.9	16.4	7.2	5.8
s2484	429783	6950824	105.6	8.5	19.8	16.4	7.1	5.8
s2485	429827	6950816	105.4	8.5	19.8	16.4	7.1	5.8
s2486	429889	6950834	113.9	8.6	19.9	16.4	7.1	5.8
s2487	429882	6950840	112.8	8.6	19.9	16.4	7.1	5.8
s2488	429926	6950814	114.3	8.6	19.8	16.4	7.0	5.8
s2489	429926	6950832	114.7	8.6	19.9	16.4	7.0	5.8
s2490	429928	6950859	115.6	8.7	19.9	16.4	7.0	5.8
s2491	429925	6950877	116.0	8.7	20.0	16.4	7.1	5.8
s2492	429898	6950883	115.2	8.7	20.0	16.4	7.2	5.8
s2493	429879	6950886	114.3	8.7	20.0	16.4	7.2	5.8
s2494	429861	6950888	108.8	8.7	20.0	16.4	7.2	5.8
s2495	429842	6950883	106.6	8.6	20.0	16.4	7.2	5.8
s2496	429791	6950870	106.2	8.6	19.9	16.4	7.2	5.8
s2497	429789	6950851	105.9	8.5	19.9	16.4	7.2	5.8
s2498	429798	6950815	105.6	8.5	19.8	16.4	7.1	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2499	427103	6950849	57.6	8.0	19.0	16.3	6.5	5.7
s2500	423697	6950773	57.7	8.0	18.9	16.3	6.5	5.7
s2501	423126	6950785	58.6	8.0	19.0	16.3	6.5	5.7
s2502	423173	6950830	58.3	8.0	19.0	16.3	6.5	5.7
s2503	424233	6950854	57.5	8.0	19.0	16.3	6.5	5.7
s2504	428300	6950806	81.7	8.1	19.1	16.3	6.6	5.7
s2505	428856	6950779	80.7	8.2	19.2	16.3	6.6	5.7
s2506	428836	6950780	80.8	8.2	19.2	16.3	6.6	5.7
s2507	428818	6950780	80.9	8.2	19.2	16.3	6.6	5.7
s2508	428795	6950785	81.1	8.2	19.2	16.3	6.6	5.7
s2509	428775	6950787	81.2	8.2	19.2	16.3	6.6	5.7
s2510	428752	6950790	81.3	8.2	19.2	16.3	6.6	5.7
s2511	428731	6950794	81.4	8.2	19.2	16.3	6.6	5.7
s2512	428708	6950795	81.5	8.2	19.2	16.3	6.6	5.7
s2513	428903	6950773	77.7	8.2	19.2	16.3	6.6	5.7
s2514	428944	6950769	74.8	8.2	19.2	16.3	6.6	5.7
s2515	428946	6950786	77.7	8.2	19.2	16.3	6.6	5.7
s2516	428906	6950792	80.7	8.2	19.2	16.3	6.6	5.7
s2517	428476	6950755	81.2	8.1	19.1	16.3	6.6	5.7
s2518	428504	6950789	81.7	8.1	19.1	16.3	6.6	5.7
s2519	428528	6950782	81.5	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2520	428544	6950775	81.4	8.1	19.1	16.3	6.6	5.7
s2521	428562	6950767	81.3	8.1	19.1	16.3	6.6	5.7
s2522	428583	6950763	81.2	8.1	19.1	16.3	6.6	5.7
s2523	428597	6950759	81.1	8.1	19.1	16.3	6.6	5.7
s2524	428615	6950746	80.8	8.1	19.1	16.3	6.6	5.7
s2525	428661	6950747	80.7	8.1	19.1	16.3	6.6	5.7
s2526	428680	6950741	80.6	8.1	19.1	16.3	6.6	5.7
s2527	428697	6950740	80.2	8.1	19.2	16.3	6.6	5.7
s2528	428714	6950735	78.9	8.1	19.2	16.3	6.6	5.7
s2529	428725	6950736	78.6	8.1	19.2	16.3	6.6	5.7
s2530	428745	6950731	77.0	8.1	19.2	16.3	6.6	5.7
s2531	428435	6950772	81.4	8.1	19.1	16.3	6.6	5.7
s2532	428428	6950757	81.3	8.1	19.1	16.3	6.6	5.7
s2533	428899	6950754	74.4	8.2	19.2	16.3	6.6	5.7
s2534	428895	6950734	71.6	8.2	19.2	16.3	6.6	5.7
s2535	428942	6950728	71.9	8.2	19.2	16.3	6.6	5.7
s2536	428944	6950747	71.9	8.2	19.2	16.3	6.6	5.7
s2537	429195	6950729	72.7	8.2	19.3	16.3	6.7	5.7
s2538	429149	6950754	72.7	8.2	19.3	16.3	6.7	5.7
s2539	429237	6950743	72.8	8.2	19.3	16.3	6.7	5.7
s2540	429265	6950728	72.5	8.2	19.3	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2541	429266	6950738	72.6	8.2	19.3	16.3	6.7	5.7
s2542	429272	6950755	72.9	8.2	19.3	16.3	6.7	5.7
s2543	429274	6950776	73.2	8.3	19.3	16.3	6.7	5.7
s2544	429225	6950775	73.1	8.2	19.3	16.3	6.7	5.7
s2545	429205	6950781	73.0	8.2	19.3	16.3	6.7	5.7
s2546	429151	6950780	72.6	8.2	19.3	16.3	6.7	5.7
s2547	429157	6950801	72.7	8.2	19.3	16.3	6.7	5.7
s2548	429267	6950802	74.9	8.3	19.4	16.3	6.7	5.7
s2549	429327	6950747	72.3	8.2	19.3	16.3	6.7	5.7
s2550	429341	6950756	72.4	8.3	19.3	16.3	6.7	5.7
s2551	429364	6950757	72.2	8.3	19.4	16.3	6.7	5.7
s2552	429382	6950756	71.9	8.3	19.4	16.3	6.7	5.7
s2553	429403	6950763	72.5	8.3	19.4	16.3	6.7	5.7
s2554	429423	6950756	73.3	8.3	19.4	16.3	6.7	5.7
s2555	429444	6950754	73.2	8.3	19.4	16.3	6.7	5.7
s2556	429464	6950751	73.4	8.3	19.4	16.3	6.7	5.7
s2557	429483	6950752	74.1	8.3	19.4	16.3	6.8	5.7
s2558	429504	6950743	75.0	8.3	19.4	16.3	6.8	5.7
s2559	429522	6950740	75.8	8.3	19.5	16.3	6.8	5.7
s2560	429542	6950740	76.5	8.3	19.5	16.3	6.8	5.7
s2561	429562	6950742	77.2	8.3	19.5	16.3	6.9	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2562	429581	6950737	81.0	8.3	19.5	16.3	6.9	5.7
s2563	429601	6950733	85.5	8.3	19.5	16.3	6.9	5.7
s2564	429623	6950732	86.4	8.3	19.5	16.3	6.9	5.7
s2565	429642	6950729	87.2	8.3	19.5	16.3	6.9	5.7
s2566	429729	6950738	93.0	8.4	19.6	16.3	7.0	5.8
s2567	429774	6950766	103.7	8.4	19.7	16.4	7.0	5.8
s2568	429791	6950763	103.7	8.4	19.7	16.4	7.0	5.8
s2569	429811	6950751	99.3	8.4	19.7	16.4	7.0	5.8
s2570	429827	6950746	95.4	8.5	19.6	16.4	7.0	5.8
s2571	429844	6950737	89.1	8.5	19.6	16.4	6.9	5.8
s2572	429963	6950752	104.8	8.5	19.7	16.4	6.9	5.8
s2573	429969	6950772	108.3	8.6	19.8	16.4	6.9	5.8
s2574	429971	6950794	113.3	8.6	19.8	16.4	7.0	5.8
s2575	429916	6950774	108.8	8.5	19.7	16.4	6.9	5.8
s2576	429893	6950777	105.8	8.5	19.7	16.4	6.9	5.8
s2577	429730	6950762	95.2	8.4	19.7	16.4	7.0	5.8
s2578	429731	6950785	97.0	8.4	19.7	16.4	7.1	5.8
s2579	429732	6950802	98.0	8.4	19.7	16.4	7.1	5.8
s2580	429872	6950779	100.7	8.5	19.7	16.4	7.0	5.8
s2581	429918	6950798	114.0	8.6	19.8	16.4	7.0	5.8
s2582	429885	6950808	108.7	8.6	19.8	16.4	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2583	424861	6950722	57.5	8.0	19.0	16.3	6.5	5.7
s2584	424179	6950712	57.6	8.0	18.9	16.3	6.5	5.7
s2585	424264	6950752	57.6	8.0	19.0	16.3	6.5	5.7
s2586	423661	6950694	57.8	8.0	18.9	16.3	6.5	5.7
s2587	422857	6950713	59.5	8.0	19.1	16.3	6.5	5.7
s2588	428293	6950782	81.5	8.1	19.1	16.3	6.6	5.7
s2589	428356	6950758	81.3	8.1	19.1	16.3	6.6	5.7
s2590	428421	6950740	81.1	8.1	19.1	16.3	6.6	5.7
s2591	428465	6950727	80.8	8.1	19.1	16.3	6.6	5.7
s2592	428485	6950723	80.7	8.1	19.1	16.3	6.6	5.7
s2593	428278	6950765	81.3	8.1	19.1	16.3	6.6	5.7
s2594	428343	6950743	81.1	8.1	19.1	16.3	6.6	5.7
s2595	428330	6950722	80.9	8.1	19.1	16.3	6.6	5.7
s2596	428207	6950759	81.1	8.1	19.1	16.3	6.6	5.7
s2597	429113	6950656	72.1	8.2	19.2	16.3	6.6	5.7
s2598	428712	6950689	71.6	8.1	19.1	16.3	6.6	5.7
s2599	428713	6950697	72.7	8.1	19.1	16.3	6.6	5.7
s2600	428715	6950711	74.9	8.1	19.1	16.3	6.6	5.7
s2601	428716	6950719	76.0	8.1	19.1	16.3	6.6	5.7
s2602	428768	6950717	73.9	8.1	19.2	16.3	6.6	5.7
s2603	428782	6950715	73.1	8.1	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s2604	428807	6950720	73.0	8.2	19.2	16.3	6.6	5.7
s2605	428832	6950722	72.2	8.2	19.2	16.3	6.6	5.7
s2606	428847	6950712	71.2	8.2	19.2	16.3	6.6	5.7
s2607	428844	6950679	71.2	8.1	19.2	16.3	6.6	5.7
s2608	428661	6950697	74.4	8.1	19.1	16.3	6.6	5.7
s2609	428593	6950714	78.7	8.1	19.1	16.3	6.6	5.7
s2610	428899	6950713	71.6	8.2	19.2	16.3	6.6	5.7
s2611	428890	6950695	71.6	8.2	19.2	16.3	6.6	5.7
s2612	428888	6950672	71.5	8.1	19.2	16.3	6.6	5.7
s2613	428932	6950667	71.7	8.1	19.2	16.3	6.6	5.7
s2614	428931	6950689	71.8	8.2	19.2	16.3	6.6	5.7
s2615	428931	6950709	71.9	8.2	19.2	16.3	6.6	5.7
s2616	428973	6950650	71.6	8.1	19.2	16.3	6.6	5.7
s2617	428928	6950647	71.6	8.1	19.1	16.3	6.6	5.7
s2618	428885	6950654	71.5	8.1	19.1	16.3	6.6	5.7
s2619	429256	6950652	71.1	8.2	19.2	16.3	6.6	5.7
s2620	429256	6950671	71.5	8.2	19.2	16.3	6.6	5.7
s2621	429262	6950687	71.7	8.2	19.3	16.3	6.7	5.7
s2622	429257	6950692	71.9	8.2	19.3	16.3	6.7	5.7
s2623	429250	6950695	72.0	8.2	19.3	16.3	6.7	5.7
s2624	429252	6950710	72.2	8.2	19.3	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2625	429259	6950712	72.2	8.2	19.3	16.3	6.7	5.7
s2626	429265	6950715	72.2	8.2	19.3	16.3	6.7	5.7
s2627	429225	6950714	72.5	8.2	19.3	16.3	6.7	5.7
s2628	429317	6950653	70.2	8.2	19.3	16.3	6.7	5.7
s2629	429326	6950671	70.5	8.2	19.3	16.3	6.7	5.7
s2630	429331	6950691	70.9	8.2	19.3	16.3	6.7	5.7
s2631	429329	6950712	71.5	8.2	19.3	16.3	6.7	5.7
s2632	429377	6950700	70.4	8.2	19.3	16.3	6.7	5.7
s2633	429397	6950711	70.3	8.2	19.3	16.3	6.7	5.7
s2634	429420	6950721	72.2	8.3	19.4	16.3	6.7	5.7
s2635	429368	6950667	65.7	8.2	19.3	16.3	6.7	5.7
s2636	429407	6950649	72.6	8.2	19.3	16.3	6.7	5.7
s2637	429437	6950704	73.0	8.3	19.4	16.3	6.7	5.7
s2638	429429	6950648	73.3	8.2	19.3	16.3	6.7	5.7
s2639	429456	6950698	73.7	8.3	19.4	16.3	6.7	5.7
s2640	429483	6950709	74.6	8.3	19.4	16.3	6.8	5.7
s2641	429496	6950694	75.2	8.3	19.4	16.3	6.8	5.7
s2642	429515	6950691	75.8	8.3	19.4	16.3	6.8	5.7
s2643	429537	6950697	76.5	8.3	19.4	16.3	6.8	5.7
s2644	429554	6950688	77.0	8.3	19.4	16.3	6.9	5.7
s2645	429576	6950689	82.7	8.3	19.4	16.3	6.9	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2646	429710	6950675	88.8	8.3	19.5	16.3	6.9	5.7
s2647	429675	6950667	88.1	8.3	19.5	16.3	6.9	5.7
s2648	429658	6950673	87.6	8.3	19.5	16.3	6.9	5.7
s2649	429651	6950674	87.4	8.3	19.5	16.3	6.9	5.7
s2650	429635	6950674	86.9	8.3	19.5	16.3	6.9	5.7
s2651	429616	6950676	86.3	8.3	19.5	16.3	6.9	5.7
s2652	429595	6950679	85.6	8.3	19.4	16.3	6.9	5.7
s2653	429661	6950725	88.0	8.3	19.5	16.3	7.0	5.7
s2654	429680	6950719	88.6	8.4	19.6	16.3	7.0	5.7
s2655	429860	6950726	92.2	8.5	19.6	16.4	6.9	5.8
s2656	429880	6950722	95.5	8.5	19.6	16.4	6.9	5.8
s2657	429900	6950717	97.6	8.5	19.6	16.4	6.9	5.8
s2658	429922	6950721	99.7	8.5	19.6	16.4	6.9	5.8
s2659	424205	6950653	57.6	8.0	18.9	16.3	6.5	5.7
s2660	424278	6950684	57.6	8.0	18.9	16.3	6.5	5.7
s2661	423764	6950662	57.8	8.0	18.9	16.3	6.5	5.7
s2662	423041	6950647	59.2	8.0	19.0	16.3	6.5	5.7
s2663	428818	6950644	71.0	8.1	19.1	16.3	6.6	5.7
s2664	428796	6950645	70.9	8.1	19.1	16.3	6.6	5.7
s2665	428778	6950646	70.7	8.1	19.1	16.3	6.6	5.7
s2666	428754	6950651	70.5	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2667	428734	6950656	70.3	8.1	19.1	16.3	6.6	5.7
s2668	428713	6950659	68.0	8.1	19.1	16.3	6.6	5.7
s2669	428693	6950662	68.5	8.1	19.1	16.3	6.6	5.7
s2670	428670	6950662	69.2	8.1	19.1	16.3	6.6	5.7
s2671	428649	6950668	70.7	8.1	19.1	16.3	6.6	5.7
s2672	428499	6950720	80.7	8.1	19.1	16.3	6.6	5.7
s2673	428516	6950715	80.6	8.1	19.1	16.3	6.6	5.7
s2674	428533	6950712	79.7	8.1	19.1	16.3	6.6	5.7
s2675	428549	6950706	78.5	8.1	19.1	16.3	6.6	5.7
s2676	428565	6950703	77.8	8.1	19.1	16.3	6.6	5.7
s2677	428415	6950719	80.8	8.1	19.1	16.3	6.6	5.7
s2678	428409	6950700	80.6	8.1	19.1	16.3	6.6	5.7
s2679	428318	6950708	80.8	8.1	19.1	16.3	6.6	5.7
s2680	428404	6950684	78.6	8.1	19.1	16.3	6.6	5.7
s2681	428365	6950656	76.3	8.1	19.1	16.3	6.6	5.7
s2682	428398	6950659	75.9	8.1	19.1	16.3	6.6	5.7
s2683	428191	6950649	77.3	8.1	19.0	16.3	6.6	5.7
s2684	428457	6950685	77.7	8.1	19.1	16.3	6.6	5.7
s2685	428450	6950668	75.8	8.1	19.1	16.3	6.6	5.7
s2686	428447	6950654	74.1	8.1	19.1	16.3	6.6	5.7
s2687	428486	6950672	75.4	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2688	428499	6950664	74.2	8.1	19.1	16.3	6.6	5.7
s2689	428538	6950655	72.1	8.1	19.1	16.3	6.6	5.7
s2690	428557	6950647	70.5	8.1	19.1	16.3	6.6	5.7
s2691	428576	6950644	69.7	8.1	19.1	16.3	6.6	5.7
s2692	428994	6950641	71.7	8.1	19.2	16.3	6.6	5.7
s2693	428976	6950612	71.6	8.1	19.1	16.3	6.6	5.7
s2694	429062	6950606	71.8	8.1	19.2	16.3	6.6	5.7
s2695	429083	6950595	71.6	8.1	19.1	16.3	6.6	5.7
s2696	429097	6950584	71.5	8.1	19.1	16.3	6.6	5.7
s2697	429213	6950611	70.8	8.2	19.2	16.3	6.6	5.7
s2698	429246	6950575	64.8	8.2	19.2	16.3	6.6	5.7
s2699	429252	6950627	70.6	8.2	19.2	16.3	6.6	5.7
s2700	429306	6950572	60.7	8.2	19.2	16.3	6.6	5.7
s2701	429311	6950589	61.6	8.2	19.2	16.3	6.6	5.7
s2702	429315	6950608	62.6	8.2	19.2	16.3	6.6	5.7
s2703	429329	6950630	63.5	8.2	19.2	16.3	6.7	5.7
s2704	429379	6950644	70.7	8.2	19.3	16.3	6.7	5.7
s2705	429370	6950606	72.0	8.2	19.3	16.3	6.7	5.7
s2706	429365	6950574	72.2	8.2	19.2	16.3	6.7	5.7
s2707	429403	6950608	72.9	8.2	19.3	16.3	6.7	5.7
s2708	429420	6950602	73.4	8.2	19.3	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2709	429439	6950599	74.0	8.2	19.3	16.3	6.8	5.7
s2710	429448	6950645	74.0	8.2	19.3	16.3	6.8	5.7
s2711	429468	6950641	74.6	8.2	19.3	16.3	6.8	5.7
s2712	429474	6950607	74.9	8.2	19.3	16.3	6.8	5.7
s2713	429470	6950592	74.8	8.2	19.3	16.3	6.8	5.7
s2714	429533	6950640	76.4	8.3	19.4	16.3	6.8	5.7
s2715	429558	6950639	80.5	8.3	19.4	16.3	6.9	5.7
s2716	429530	6950613	76.2	8.2	19.3	16.3	6.9	5.7
s2717	429526	6950584	76.0	8.2	19.3	16.3	6.9	5.7
s2718	429571	6950587	85.3	8.2	19.4	16.3	6.9	5.7
s2719	429578	6950635	85.3	8.3	19.4	16.3	6.9	5.7
s2720	429613	6950571	86.5	8.3	19.4	16.3	6.9	5.7
s2721	429598	6950590	86.1	8.3	19.4	16.3	6.9	5.7
s2722	429603	6950630	86.1	8.3	19.4	16.3	6.9	5.7
s2723	429660	6950573	87.4	8.3	19.4	16.3	6.9	5.7
s2724	429621	6950628	86.7	8.3	19.4	16.3	6.9	5.7
s2725	429654	6950625	87.5	8.3	19.4	16.3	6.9	5.7
s2726	429729	6950570	87.7	8.3	19.4	16.3	6.9	5.7
s2727	429772	6950578	87.3	8.3	19.4	16.3	6.9	5.7
s2728	429762	6950600	87.8	8.3	19.4	16.3	6.9	5.7
s2729	429714	6950592	88.0	8.3	19.4	16.3	6.9	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s2730	429753	6950616	88.1	8.3	19.4	16.3	6.9	5.7
s2731	429737	6950633	88.4	8.3	19.5	16.3	6.9	5.7
s2732	429714	6950625	88.3	8.3	19.4	16.3	6.9	5.7
s2733	429694	6950612	88.1	8.3	19.4	16.3	6.9	5.7
s2734	429831	6950589	85.9	8.3	19.4	16.3	6.8	5.7
s2735	429842	6950573	85.4	8.3	19.4	16.3	6.8	5.7
s2736	430459	6950585	78.5	8.6	19.8	16.4	6.9	5.8
s2737	424355	6950583	57.6	8.0	18.9	16.3	6.5	5.7
s2738	424298	6950551	57.7	8.0	18.9	16.2	6.5	5.7
s2739	424236	6950596	57.7	8.0	18.9	16.3	6.5	5.7
s2740	422874	6950586	59.3	8.0	19.0	16.3	6.5	5.7
s2741	422716	6950604	58.8	8.0	19.0	16.3	6.5	5.7
s2742	429115	6950576	71.2	8.1	19.1	16.3	6.6	5.7
s2743	428923	6950581	71.2	8.1	19.1	16.3	6.6	5.7
s2744	428923	6950609	71.2	8.1	19.1	16.3	6.6	5.7
s2745	428926	6950627	71.4	8.1	19.1	16.3	6.6	5.7
s2746	428884	6950636	71.4	8.1	19.1	16.3	6.6	5.7
s2747	428877	6950616	71.3	8.1	19.1	16.3	6.6	5.7
s2748	428877	6950593	71.1	8.1	19.1	16.3	6.6	5.7
s2749	428874	6950575	70.9	8.1	19.1	16.3	6.6	5.7
s2750	428838	6950640	71.2	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2751	428832	6950595	71.0	8.1	19.1	16.3	6.6	5.7
s2752	428809	6950599	70.9	8.1	19.1	16.3	6.6	5.7
s2753	428789	6950600	70.8	8.1	19.1	16.3	6.6	5.7
s2754	428770	6950603	70.7	8.1	19.1	16.3	6.6	5.7
s2755	428748	6950606	70.5	8.1	19.1	16.3	6.6	5.7
s2756	428645	6950620	64.9	8.1	19.1	16.3	6.6	5.7
s2757	428665	6950619	64.3	8.1	19.1	16.3	6.6	5.7
s2758	428685	6950615	66.7	8.1	19.1	16.3	6.6	5.7
s2759	428707	6950609	69.1	8.1	19.1	16.3	6.6	5.7
s2760	428727	6950607	70.3	8.1	19.1	16.3	6.6	5.7
s2761	428389	6950627	72.6	8.1	19.1	16.3	6.6	5.7
s2762	428386	6950608	70.7	8.1	19.1	16.3	6.5	5.7
s2763	428355	6950613	72.0	8.1	19.1	16.3	6.5	5.7
s2764	428337	6950617	72.8	8.1	19.0	16.3	6.5	5.7
s2765	428247	6950623	74.7	8.1	19.0	16.3	6.5	5.7
s2766	428282	6950596	72.0	8.1	19.0	16.3	6.5	5.7
s2767	428230	6950608	73.7	8.1	19.0	16.3	6.5	5.7
s2768	428271	6950577	70.4	8.0	19.0	16.3	6.5	5.7
s2769	428217	6950589	72.4	8.0	19.0	16.3	6.5	5.7
s2770	428257	6950564	69.7	8.0	19.0	16.3	6.5	5.7
s2771	428206	6950576	71.6	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s2772	428195	6950563	70.8	8.0	19.0	16.3	6.5	5.7
s2773	428115	6950566	72.1	8.0	19.0	16.3	6.5	5.7
s2774	428162	6950607	74.4	8.0	19.0	16.3	6.5	5.7
s2775	428176	6950635	76.5	8.1	19.0	16.3	6.5	5.7
s2776	428443	6950637	72.4	8.1	19.1	16.3	6.6	5.7
s2777	428442	6950617	70.2	8.1	19.1	16.3	6.6	5.7
s2778	428436	6950600	68.7	8.1	19.1	16.3	6.6	5.7
s2779	428433	6950583	67.1	8.1	19.1	16.3	6.5	5.7
s2780	428429	6950564	65.4	8.1	19.1	16.3	6.5	5.7
s2781	428472	6950566	64.4	8.1	19.1	16.3	6.6	5.7
s2782	428478	6950590	66.5	8.1	19.1	16.3	6.6	5.7
s2783	428481	6950610	68.5	8.1	19.1	16.3	6.6	5.7
s2784	428483	6950633	70.9	8.1	19.1	16.3	6.6	5.7
s2785	428598	6950635	68.0	8.1	19.1	16.3	6.6	5.7
s2786	428594	6950617	66.0	8.1	19.1	16.3	6.6	5.7
s2787	428537	6950624	68.4	8.1	19.1	16.3	6.6	5.7
s2788	428557	6950572	62.6	8.1	19.1	16.3	6.6	5.7
s2789	428380	6950569	67.2	8.1	19.0	16.3	6.5	5.7
s2790	428346	6950569	68.1	8.1	19.0	16.3	6.5	5.7
s2791	428326	6950567	68.6	8.1	19.0	16.3	6.5	5.7
s2792	429239	6950558	62.5	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2793	429322	6950549	65.7	8.2	19.2	16.3	6.7	5.7
s2794	429370	6950552	72.5	8.2	19.2	16.3	6.7	5.7
s2795	429389	6950544	73.0	8.2	19.2	16.3	6.7	5.7
s2796	429416	6950546	73.7	8.2	19.2	16.3	6.7	5.7
s2797	429433	6950548	74.1	8.2	19.3	16.3	6.8	5.7
s2798	429464	6950528	74.8	8.2	19.3	16.3	6.8	5.7
s2799	429468	6950544	74.9	8.2	19.3	16.3	6.8	5.7
s2800	429434	6950546	74.2	8.2	19.3	16.3	6.8	5.7
s2801	429523	6950552	75.8	8.2	19.3	16.3	6.9	5.7
s2802	429517	6950521	76.3	8.2	19.3	16.3	6.8	5.7
s2803	429465	6950528	74.8	8.2	19.3	16.3	6.8	5.7
s2804	429558	6950534	85.1	8.2	19.3	16.3	6.9	5.7
s2805	429558	6950558	85.0	8.2	19.3	16.3	6.9	5.7
s2806	429608	6950528	86.4	8.2	19.4	16.3	6.9	5.7
s2807	429622	6950542	86.7	8.2	19.4	16.3	6.9	5.7
s2808	429628	6950546	86.8	8.2	19.4	16.3	6.9	5.7
s2809	429647	6950555	87.1	8.3	19.4	16.3	6.9	5.7
s2810	429656	6950499	86.9	8.2	19.4	16.3	6.9	5.7
s2811	429679	6950519	87.2	8.3	19.4	16.3	6.9	5.7
s2812	429693	6950534	87.4	8.3	19.4	16.3	6.9	5.7
s2813	429710	6950550	87.5	8.3	19.4	16.3	6.9	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2814	429727	6950496	86.8	8.3	19.3	16.3	6.9	5.7
s2815	429743	6950512	86.8	8.3	19.3	16.3	6.9	5.7
s2816	429762	6950526	86.7	8.3	19.4	16.3	6.9	5.7
s2817	429794	6950501	85.7	8.3	19.4	16.3	6.8	5.7
s2818	429779	6950538	86.6	8.3	19.4	16.3	6.9	5.7
s2819	429789	6950559	86.6	8.3	19.4	16.3	6.8	5.7
s2820	429816	6950514	85.3	8.3	19.4	16.3	6.8	5.7
s2821	429569	6950503	85.5	8.2	19.3	16.3	6.9	5.7
s2822	424356	6950470	57.7	8.0	18.9	16.2	6.5	5.7
s2823	424997	6950496	57.6	8.0	19.0	16.3	6.5	5.7
s2824	421989	6950476	57.5	8.0	19.1	16.3	6.5	5.7
s2825	429074	6950538	71.0	8.1	19.1	16.3	6.6	5.7
s2826	429099	6950528	70.7	8.1	19.1	16.3	6.6	5.7
s2827	429110	6950521	70.5	8.1	19.1	16.3	6.6	5.7
s2828	429133	6950509	68.4	8.1	19.1	16.3	6.6	5.7
s2829	429154	6950496	63.7	8.1	19.1	16.3	6.6	5.7
s2830	429072	6950512	70.7	8.1	19.1	16.3	6.6	5.7
s2831	429069	6950493	70.4	8.1	19.1	16.3	6.6	5.7
s2832	429096	6950494	70.0	8.1	19.1	16.3	6.6	5.7
s2833	429238	6950536	58.5	8.2	19.2	16.3	6.6	5.7
s2834	429232	6950515	57.6	8.1	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2835	429206	6950520	60.4	8.1	19.1	16.3	6.6	5.7
s2836	429188	6950532	65.0	8.1	19.1	16.3	6.6	5.7
s2837	429152	6950554	70.6	8.1	19.1	16.3	6.6	5.7
s2838	429135	6950563	70.9	8.1	19.1	16.3	6.6	5.7
s2839	429507	6950496	75.5	8.2	19.3	16.3	6.8	5.7
s2840	429328	6950506	71.1	8.2	19.2	16.3	6.7	5.7
s2841	429345	6950521	72.1	8.2	19.2	16.3	6.7	5.7
s2842	429365	6950519	72.7	8.2	19.2	16.3	6.7	5.7
s2843	429388	6950509	73.3	8.2	19.2	16.3	6.7	5.7
s2844	429409	6950506	73.7	8.2	19.2	16.3	6.7	5.7
s2845	429431	6950502	74.2	8.2	19.2	16.3	6.8	5.7
s2846	429295	6950510	63.1	8.2	19.2	16.3	6.7	5.7
s2847	429296	6950531	61.3	8.2	19.2	16.3	6.7	5.7
s2848	428977	6950494	70.9	8.1	19.1	16.3	6.6	5.7
s2849	428976	6950515	71.1	8.1	19.1	16.3	6.6	5.7
s2850	428979	6950538	71.2	8.1	19.1	16.3	6.6	5.7
s2851	428929	6950501	70.9	8.1	19.1	16.3	6.6	5.7
s2852	428933	6950527	71.1	8.1	19.1	16.3	6.6	5.7
s2853	428935	6950550	71.2	8.1	19.1	16.3	6.6	5.7
s2854	428182	6950545	69.8	8.0	19.0	16.3	6.5	5.7
s2855	428166	6950531	69.4	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2856	428149	6950514	68.8	8.0	19.0	16.3	6.5	5.7
s2857	428162	6950497	67.3	8.0	19.0	16.3	6.5	5.7
s2858	428184	6950492	66.5	8.0	19.0	16.3	6.5	5.7
s2859	428208	6950487	65.7	8.0	19.0	16.3	6.5	5.7
s2860	428226	6950486	65.1	8.0	19.0	16.3	6.5	5.7
s2861	428218	6950512	67.1	8.0	19.0	16.3	6.5	5.7
s2862	428233	6950527	67.7	8.0	19.0	16.3	6.5	5.7
s2863	428247	6950545	68.5	8.0	19.0	16.3	6.5	5.7
s2864	428426	6950543	63.7	8.1	19.0	16.3	6.5	5.7
s2865	428424	6950526	62.3	8.1	19.0	16.3	6.5	5.7
s2866	428422	6950506	60.9	8.1	19.0	16.3	6.5	5.7
s2867	428419	6950488	59.8	8.0	19.0	16.3	6.5	5.7
s2868	428462	6950482	58.2	8.1	19.0	16.3	6.6	5.7
s2869	428467	6950501	59.3	8.1	19.0	16.3	6.6	5.7
s2870	428467	6950525	61.1	8.1	19.1	16.3	6.6	5.7
s2871	428471	6950547	62.7	8.1	19.1	16.3	6.6	5.7
s2872	428520	6950527	59.8	8.1	19.1	16.3	6.6	5.7
s2873	428521	6950507	58.3	8.1	19.1	16.3	6.6	5.7
s2874	428515	6950490	57.6	8.1	19.1	16.3	6.6	5.7
s2875	428577	6950499	58.3	8.1	19.1	16.3	6.6	5.7
s2876	428581	6950517	58.4	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2877	428376	6950552	65.8	8.1	19.0	16.3	6.5	5.7
s2878	428379	6950532	64.1	8.1	19.0	16.3	6.5	5.7
s2879	428372	6950513	62.8	8.0	19.0	16.3	6.5	5.7
s2880	428370	6950495	61.6	8.0	19.0	16.3	6.5	5.7
s2881	428314	6950549	67.3	8.0	19.0	16.3	6.5	5.7
s2882	428303	6950532	66.3	8.0	19.0	16.3	6.5	5.7
s2883	428292	6950517	65.5	8.0	19.0	16.3	6.5	5.7
s2884	428277	6950505	65.0	8.0	19.0	16.3	6.5	5.7
s2885	429704	6950489	86.9	8.2	19.3	16.3	6.9	5.7
s2886	429778	6950483	85.8	8.3	19.4	16.3	6.8	5.7
s2887	429837	6950450	75.0	8.3	19.4	16.3	6.8	5.7
s2888	429757	6950471	86.1	8.3	19.3	16.3	6.8	5.7
s2889	429689	6950470	86.8	8.2	19.3	16.3	6.9	5.7
s2890	429639	6950486	86.7	8.2	19.4	16.3	6.9	5.7
s2891	430227	6950439	82.2	8.4	19.6	16.3	6.8	5.8
s2892	431036	6950469	121.3	8.8	19.8	16.4	6.9	5.8
s2893	428736	6950460	66.7	8.1	19.1	16.3	6.6	5.7
s2894	429227	6950472	57.6	8.1	19.1	16.3	6.6	5.7
s2895	429222	6950446	57.6	8.1	19.1	16.3	6.6	5.7
s2896	429221	6950424	57.6	8.1	19.1	16.3	6.6	5.7
s2897	429182	6950416	57.6	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2898	429195	6950477	57.6	8.1	19.1	16.3	6.6	5.7
s2899	429192	6950451	57.6	8.1	19.1	16.3	6.6	5.7
s2900	429186	6950432	57.6	8.1	19.1	16.3	6.6	5.7
s2901	429141	6950469	60.6	8.1	19.1	16.3	6.6	5.7
s2902	429138	6950446	57.7	8.1	19.1	16.3	6.6	5.7
s2903	429135	6950423	57.6	8.1	19.1	16.3	6.6	5.7
s2904	429113	6950471	64.4	8.1	19.1	16.3	6.6	5.7
s2905	429105	6950444	60.8	8.1	19.1	16.3	6.6	5.7
s2906	429091	6950432	60.6	8.1	19.1	16.3	6.6	5.7
s2907	429059	6950443	65.6	8.1	19.1	16.3	6.6	5.7
s2908	429056	6950423	62.9	8.1	19.1	16.3	6.6	5.7
s2909	429819	6950436	77.9	8.3	19.4	16.3	6.8	5.7
s2910	429799	6950422	81.2	8.2	19.4	16.3	6.8	5.7
s2911	429737	6950452	86.2	8.2	19.3	16.3	6.8	5.7
s2912	429719	6950439	86.3	8.2	19.3	16.3	6.9	5.7
s2913	429703	6950423	86.3	8.2	19.3	16.3	6.9	5.7
s2914	429639	6950421	86.5	8.2	19.3	16.3	6.9	5.7
s2915	429649	6950445	86.6	8.2	19.3	16.3	6.9	5.7
s2916	429674	6950456	86.7	8.2	19.3	16.3	6.9	5.7
s2917	429619	6950468	86.4	8.2	19.4	16.3	6.9	5.7
s2918	429597	6950458	86.1	8.2	19.4	16.3	6.9	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s2919	429580	6950444	85.9	8.2	19.3	16.3	6.9	5.7
s2920	429557	6950428	85.5	8.2	19.3	16.3	6.9	5.7
s2921	429546	6950410	85.3	8.2	19.3	16.3	6.9	5.7
s2922	429515	6950456	79.8	8.2	19.3	16.3	6.9	5.7
s2923	429542	6950477	84.7	8.2	19.3	16.3	6.9	5.7
s2924	429475	6950426	74.7	8.2	19.3	16.3	6.8	5.7
s2925	429462	6950447	74.7	8.2	19.2	16.3	6.8	5.7
s2926	429434	6950447	74.3	8.2	19.2	16.3	6.8	5.7
s2927	429391	6950409	73.6	8.2	19.2	16.3	6.8	5.7
s2928	429406	6950424	73.9	8.2	19.2	16.3	6.8	5.7
s2929	429417	6950448	74.0	8.2	19.2	16.3	6.8	5.7
s2930	429328	6950428	72.4	8.1	19.2	16.3	6.7	5.7
s2931	429348	6950439	72.8	8.2	19.2	16.3	6.7	5.7
s2932	429362	6950449	73.0	8.2	19.2	16.3	6.7	5.7
s2933	429375	6950464	73.2	8.2	19.2	16.3	6.7	5.7
s2934	429337	6950463	72.4	8.2	19.2	16.3	6.7	5.7
s2935	429322	6950479	72.0	8.2	19.2	16.3	6.7	5.7
s2936	429282	6950423	67.8	8.1	19.1	16.3	6.7	5.7
s2937	429282	6950444	66.1	8.1	19.1	16.3	6.7	5.7
s2938	429288	6950466	65.6	8.1	19.2	16.3	6.7	5.7
s2939	429289	6950486	64.1	8.2	19.2	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2940	429011	6950425	66.9	8.1	19.1	16.3	6.6	5.7
s2941	429005	6950409	65.2	8.1	19.1	16.3	6.6	5.7
s2942	428967	6950406	67.0	8.1	19.1	16.3	6.6	5.7
s2943	428965	6950428	69.9	8.1	19.1	16.3	6.6	5.7
s2944	428975	6950451	70.4	8.1	19.1	16.3	6.6	5.7
s2945	428971	6950473	70.7	8.1	19.1	16.3	6.6	5.7
s2946	428917	6950410	69.4	8.1	19.1	16.3	6.6	5.7
s2947	428919	6950432	70.4	8.1	19.1	16.3	6.6	5.7
s2948	428924	6950457	70.6	8.1	19.1	16.3	6.6	5.7
s2949	428928	6950478	70.8	8.1	19.1	16.3	6.6	5.7
s2950	428411	6950461	58.3	8.0	19.0	16.3	6.5	5.7
s2951	428426	6950459	57.8	8.0	19.0	16.3	6.6	5.7
s2952	428444	6950450	57.6	8.0	19.0	16.3	6.6	5.7
s2953	428459	6950453	57.6	8.0	19.0	16.3	6.6	5.7
s2954	428511	6950471	57.6	8.1	19.0	16.3	6.6	5.7
s2955	428500	6950448	57.6	8.1	19.0	16.3	6.6	5.7
s2956	428519	6950442	57.6	8.1	19.0	16.3	6.6	5.7
s2957	428537	6950440	57.6	8.1	19.0	16.3	6.6	5.7
s2958	428557	6950437	57.6	8.1	19.0	16.3	6.6	5.7
s2959	428575	6950435	58.2	8.1	19.0	16.3	6.6	5.7
s2960	428575	6950462	58.4	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2961	428574	6950481	58.2	8.1	19.1	16.3	6.6	5.7
s2962	428369	6950463	59.6	8.0	19.0	16.3	6.5	5.7
s2963	428353	6950467	60.3	8.0	19.0	16.3	6.5	5.7
s2964	428269	6950477	63.3	8.0	19.0	16.3	6.5	5.7
s2965	428293	6950477	62.6	8.0	19.0	16.3	6.5	5.7
s2966	428313	6950473	61.8	8.0	19.0	16.3	6.5	5.7
s2967	428331	6950470	61.0	8.0	19.0	16.3	6.5	5.7
s2968	428456	6950405	57.6	8.0	19.0	16.3	6.6	5.7
s2969	428438	6950407	57.6	8.0	19.0	16.3	6.6	5.7
s2970	428420	6950412	57.6	8.0	19.0	16.3	6.5	5.7
s2971	428402	6950413	57.6	8.0	19.0	16.3	6.5	5.7
s2972	428363	6950419	57.6	8.0	19.0	16.3	6.5	5.7
s2973	428347	6950422	57.8	8.0	19.0	16.3	6.5	5.7
s2974	428328	6950422	58.3	8.0	19.0	16.3	6.5	5.7
s2975	428310	6950426	58.9	8.0	19.0	16.3	6.5	5.7
s2976	428292	6950429	59.6	8.0	19.0	16.3	6.5	5.7
s2977	428276	6950430	60.1	8.0	19.0	16.3	6.5	5.7
s2978	428255	6950435	61.0	8.0	19.0	16.3	6.5	5.7
s2979	428236	6950437	61.7	8.0	19.0	16.3	6.5	5.7
s2980	428221	6950439	62.2	8.0	19.0	16.3	6.5	5.7
s2981	428200	6950443	63.0	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s2982	428180	6950445	63.7	8.0	19.0	16.3	6.5	5.7
s2983	428160	6950449	64.5	8.0	19.0	16.3	6.5	5.7
s2984	428140	6950454	65.3	8.0	19.0	16.3	6.5	5.7
s2985	428127	6950468	66.4	8.0	19.0	16.3	6.5	5.7
s2986	428112	6950458	66.1	8.0	19.0	16.3	6.5	5.7
s2987	427897	6950402	67.3	8.0	19.0	16.3	6.5	5.7
s2988	429218	6950403	57.6	8.1	19.1	16.3	6.6	5.7
s2989	429212	6950380	57.9	8.1	19.1	16.3	6.6	5.7
s2990	429210	6950357	59.2	8.1	19.1	16.3	6.6	5.7
s2991	429165	6950331	57.6	8.1	19.1	16.3	6.6	5.7
s2992	429176	6950348	57.6	8.1	19.1	16.3	6.6	5.7
s2993	429178	6950393	57.6	8.1	19.1	16.3	6.6	5.7
s2994	429179	6950374	57.6	8.1	19.1	16.3	6.6	5.7
s2995	429134	6950405	57.6	8.1	19.1	16.3	6.6	5.7
s2996	429127	6950380	57.6	8.1	19.1	16.3	6.6	5.7
s2997	429127	6950356	57.6	8.1	19.1	16.3	6.6	5.7
s2998	429125	6950334	57.6	8.1	19.1	16.3	6.6	5.7
s2999	429054	6950402	60.0	8.1	19.1	16.3	6.6	5.7
s3000	429082	6950403	57.6	8.1	19.1	16.3	6.6	5.7
s3001	429096	6950385	57.6	8.1	19.1	16.3	6.6	5.7
s3002	429093	6950358	57.6	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s3003	429081	6950343	57.6	8.1	19.1	16.3	6.6	5.7
s3004	429045	6950362	57.6	8.1	19.1	16.3	6.6	5.7
s3005	429045	6950336	57.6	8.1	19.1	16.3	6.6	5.7
s3006	429764	6950394	85.2	8.2	19.3	16.3	6.8	5.7
s3007	429745	6950378	85.4	8.2	19.3	16.3	6.8	5.7
s3008	429726	6950360	85.5	8.2	19.3	16.3	6.8	5.7
s3009	429783	6950407	83.4	8.2	19.3	16.3	6.8	5.7
s3010	429707	6950346	85.6	8.2	19.3	16.3	6.8	5.7
s3011	429688	6950333	85.7	8.2	19.3	16.3	6.8	5.7
s3012	429827	6950376	71.8	8.2	19.4	16.3	6.8	5.7
s3013	429808	6950363	74.3	8.2	19.3	16.3	6.8	5.7
s3014	429792	6950351	76.7	8.2	19.3	16.3	6.8	5.7
s3015	429777	6950339	78.7	8.2	19.3	16.3	6.8	5.7
s3016	429608	6950339	86.0	8.2	19.3	16.3	6.9	5.7
s3017	429620	6950378	86.2	8.2	19.3	16.3	6.9	5.7
s3018	429598	6950392	86.1	8.2	19.3	16.3	6.9	5.7
s3019	429569	6950383	85.7	8.2	19.3	16.3	6.9	5.7
s3020	429548	6950363	85.4	8.2	19.3	16.3	6.9	5.7
s3021	429547	6950342	85.4	8.2	19.3	16.3	6.9	5.7
s3022	429560	6950330	85.6	8.2	19.3	16.3	6.9	5.7
s3023	429686	6950402	86.3	8.2	19.3	16.3	6.9	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3024	429652	6950399	86.4	8.2	19.3	16.3	6.9	5.7
s3025	429525	6950397	84.1	8.2	19.3	16.3	6.9	5.7
s3026	429508	6950383	81.3	8.2	19.3	16.3	6.8	5.7
s3027	429471	6950356	75.5	8.2	19.3	16.3	6.8	5.7
s3028	429455	6950343	74.1	8.2	19.3	16.3	6.8	5.7
s3029	429437	6950329	73.9	8.1	19.2	16.3	6.8	5.7
s3030	429463	6950405	74.5	8.2	19.3	16.3	6.8	5.7
s3031	429440	6950393	74.2	8.2	19.2	16.3	6.8	5.7
s3032	429422	6950380	74.0	8.2	19.2	16.3	6.8	5.7
s3033	429407	6950361	73.8	8.1	19.2	16.3	6.8	5.7
s3034	429387	6950351	73.6	8.1	19.2	16.3	6.8	5.7
s3035	429374	6950377	73.4	8.1	19.2	16.3	6.7	5.7
s3036	429370	6950396	73.3	8.1	19.2	16.3	6.7	5.7
s3037	429342	6950337	73.0	8.1	19.2	16.3	6.7	5.7
s3038	429326	6950349	72.8	8.1	19.1	16.3	6.7	5.7
s3039	429315	6950368	72.5	8.1	19.1	16.3	6.7	5.7
s3040	429312	6950387	72.4	8.1	19.2	16.3	6.7	5.7
s3041	429314	6950406	72.3	8.1	19.2	16.3	6.7	5.7
s3042	429272	6950337	71.7	8.1	19.1	16.3	6.7	5.7
s3043	429273	6950360	70.4	8.1	19.1	16.3	6.7	5.7
s3044	429273	6950383	69.1	8.1	19.1	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3045	429276	6950401	68.3	8.1	19.1	16.3	6.7	5.7
s3046	429003	6950385	62.0	8.1	19.1	16.3	6.6	5.7
s3047	428999	6950366	59.6	8.1	19.1	16.3	6.6	5.7
s3048	428998	6950347	57.6	8.1	19.1	16.3	6.6	5.7
s3049	428990	6950330	57.6	8.1	19.1	16.3	6.6	5.7
s3050	428950	6950345	60.4	8.1	19.1	16.3	6.6	5.7
s3051	428953	6950371	63.4	8.1	19.1	16.3	6.6	5.7
s3052	428959	6950388	65.3	8.1	19.1	16.3	6.6	5.7
s3053	428906	6950340	62.1	8.1	19.1	16.3	6.6	5.7
s3054	428910	6950362	64.4	8.1	19.1	16.3	6.6	5.7
s3055	428910	6950383	66.7	8.1	19.1	16.3	6.6	5.7
s3056	428566	6950388	57.6	8.0	19.0	16.3	6.6	5.7
s3057	428549	6950391	57.6	8.0	19.0	16.3	6.6	5.7
s3058	428533	6950395	57.6	8.0	19.0	16.3	6.6	5.7
s3059	428513	6950400	57.6	8.0	19.0	16.3	6.6	5.7
s3060	428495	6950401	57.6	8.0	19.0	16.3	6.6	5.7
s3061	428265	6950394	58.4	8.0	19.0	16.3	6.5	5.7
s3062	428286	6950389	57.6	8.0	19.0	16.3	6.5	5.7
s3063	428307	6950388	57.6	8.0	19.0	16.3	6.5	5.7
s3064	428326	6950387	57.6	8.0	19.0	16.3	6.5	5.7
s3065	428352	6950386	57.6	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3066	428404	6950380	57.6	8.0	19.0	16.3	6.5	5.7
s3067	428441	6950378	57.6	8.0	19.0	16.3	6.5	5.7
s3068	428495	6950369	57.6	8.0	19.0	16.3	6.6	5.7
s3069	428523	6950360	57.6	8.0	19.0	16.3	6.6	5.7
s3070	428561	6950352	57.6	8.0	19.0	16.3	6.6	5.7
s3071	428518	6950337	57.6	8.0	19.0	16.3	6.6	5.7
s3072	428559	6950331	57.6	8.0	19.0	16.3	6.6	5.7
s3073	428452	6950360	57.6	8.0	19.0	16.3	6.6	5.7
s3074	428459	6950345	57.6	8.0	19.0	16.3	6.5	5.7
s3075	428468	6950326	57.6	8.0	19.0	16.3	6.5	5.7
s3076	428420	6950329	57.6	8.0	19.0	16.3	6.5	5.7
s3077	428418	6950347	57.6	8.0	19.0	16.3	6.5	5.7
s3078	428409	6950362	57.6	8.0	19.0	16.3	6.5	5.7
s3079	428254	6950352	57.6	8.0	19.0	16.3	6.5	5.7
s3080	428280	6950352	57.6	8.0	19.0	16.3	6.5	5.7
s3081	428298	6950342	57.6	8.0	19.0	16.3	6.5	5.7
s3082	428318	6950342	57.6	8.0	19.0	16.3	6.5	5.7
s3083	428347	6950338	57.6	8.0	19.0	16.3	6.5	5.7
s3084	428368	6950347	57.6	8.0	19.0	16.3	6.5	5.7
s3085	428382	6950329	57.6	8.0	19.0	16.3	6.5	5.7
s3086	428171	6950340	58.3	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3087	429679	6950256	85.2	8.2	19.3	16.3	6.8	5.7
s3088	429580	6950291	85.7	8.2	19.3	16.3	6.9	5.7
s3089	429590	6950278	85.7	8.2	19.3	16.3	6.9	5.7
s3090	429604	6950257	85.6	8.2	19.3	16.3	6.9	5.7
s3091	429548	6950270	85.4	8.2	19.3	16.3	6.9	5.7
s3092	429563	6950254	85.5	8.2	19.3	16.3	6.9	5.7
s3093	429500	6950254	83.4	8.1	19.3	16.3	6.8	5.7
s3094	429206	6950321	61.0	8.1	19.1	16.3	6.6	5.7
s3095	429204	6950287	62.9	8.1	19.1	16.3	6.7	5.7
s3096	429198	6950249	64.2	8.1	19.1	16.3	6.7	5.7
s3097	429156	6950249	57.7	8.1	19.1	16.3	6.6	5.7
s3098	429157	6950271	57.6	8.1	19.1	16.3	6.6	5.7
s3099	429166	6950292	57.6	8.1	19.1	16.3	6.6	5.7
s3100	429169	6950315	57.6	8.1	19.1	16.3	6.6	5.7
s3101	429061	6950251	57.6	8.1	19.1	16.3	6.6	5.7
s3102	429113	6950247	57.6	8.1	19.1	16.3	6.6	5.7
s3103	429116	6950263	57.6	8.1	19.1	16.3	6.6	5.7
s3104	429116	6950287	57.6	8.1	19.1	16.3	6.6	5.7
s3105	429116	6950287	57.6	8.1	19.1	16.3	6.6	5.7
s3106	429119	6950313	57.6	8.1	19.1	16.3	6.6	5.7
s3107	429045	6950319	57.6	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3108	429049	6950298	57.6	8.1	19.1	16.3	6.6	5.7
s3109	429053	6950271	57.6	8.1	19.1	16.3	6.6	5.7
s3110	429196	6950266	62.8	8.1	19.1	16.3	6.7	5.7
s3111	429673	6950319	85.7	8.2	19.3	16.3	6.8	5.7
s3112	429660	6950309	85.8	8.2	19.3	16.3	6.8	5.7
s3113	429758	6950324	81.0	8.2	19.3	16.3	6.8	5.7
s3114	429740	6950312	83.0	8.2	19.3	16.3	6.8	5.7
s3115	429725	6950296	84.0	8.2	19.3	16.3	6.8	5.7
s3116	429710	6950284	85.1	8.2	19.3	16.3	6.8	5.7
s3117	429697	6950272	85.1	8.2	19.3	16.3	6.8	5.7
s3118	429621	6950320	85.9	8.2	19.3	16.3	6.9	5.7
s3119	429614	6950327	85.9	8.2	19.3	16.3	6.9	5.7
s3120	429565	6950312	85.6	8.2	19.3	16.3	6.9	5.7
s3121	429536	6950294	85.3	8.2	19.3	16.3	6.9	5.7
s3122	429523	6950309	85.1	8.2	19.3	16.3	6.9	5.7
s3123	429498	6950320	81.5	8.2	19.3	16.3	6.8	5.7
s3124	429643	6950287	85.7	8.2	19.3	16.3	6.8	5.7
s3125	429650	6950301	85.8	8.2	19.3	16.3	6.8	5.7
s3126	429424	6950307	73.8	8.1	19.2	16.3	6.8	5.7
s3127	429402	6950300	73.6	8.1	19.2	16.3	6.8	5.7
s3128	429380	6950280	73.4	8.1	19.2	16.3	6.8	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3129	429476	6950305	78.5	8.1	19.3	16.3	6.8	5.7
s3130	429464	6950289	77.0	8.1	19.3	16.3	6.8	5.7
s3131	429446	6950278	74.6	8.1	19.3	16.3	6.8	5.7
s3132	429435	6950256	73.6	8.1	19.3	16.3	6.8	5.7
s3133	429369	6950269	73.3	8.1	19.2	16.3	6.8	5.7
s3134	428936	6950247	57.6	8.1	19.0	16.3	6.6	5.7
s3135	428947	6950268	57.6	8.1	19.1	16.3	6.6	5.7
s3136	428896	6950269	57.6	8.1	19.0	16.3	6.6	5.7
s3137	428999	6950248	57.6	8.1	19.1	16.3	6.6	5.7
s3138	428994	6950270	57.6	8.1	19.1	16.3	6.6	5.7
s3139	429353	6950316	73.2	8.1	19.2	16.3	6.7	5.7
s3140	429323	6950297	72.8	8.1	19.2	16.3	6.7	5.7
s3141	429308	6950284	72.7	8.1	19.1	16.3	6.7	5.7
s3142	429293	6950268	72.5	8.1	19.1	16.3	6.7	5.7
s3143	429278	6950255	72.3	8.1	19.1	16.3	6.7	5.7
s3144	429256	6950272	71.8	8.1	19.1	16.3	6.7	5.7
s3145	429260	6950292	71.6	8.1	19.1	16.3	6.7	5.7
s3146	429271	6950311	72.0	8.1	19.1	16.3	6.7	5.7
s3147	428985	6950312	57.6	8.1	19.1	16.3	6.6	5.7
s3148	428988	6950302	57.6	8.1	19.1	16.3	6.6	5.7
s3149	428941	6950282	57.6	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3150	428947	6950303	57.6	8.1	19.1	16.3	6.6	5.7
s3151	428947	6950323	57.8	8.1	19.1	16.3	6.6	5.7
s3152	428899	6950290	57.6	8.1	19.0	16.3	6.6	5.7
s3153	428899	6950316	59.6	8.1	19.1	16.3	6.6	5.7
s3154	428555	6950311	57.6	8.0	19.0	16.3	6.6	5.7
s3155	428553	6950294	57.6	8.0	19.0	16.3	6.6	5.7
s3156	428551	6950274	57.6	8.0	19.0	16.3	6.6	5.7
s3157	428546	6950254	57.6	8.0	19.0	16.3	6.6	5.7
s3158	428505	6950259	57.6	8.0	19.0	16.3	6.6	5.7
s3159	428507	6950281	57.6	8.0	19.0	16.3	6.6	5.7
s3160	428509	6950300	57.6	8.0	19.0	16.3	6.6	5.7
s3161	428513	6950318	57.6	8.0	19.0	16.3	6.6	5.7
s3162	428467	6950307	57.6	8.0	19.0	16.3	6.5	5.7
s3163	428465	6950287	57.6	8.0	19.0	16.3	6.5	5.7
s3164	428463	6950267	57.6	8.0	19.0	16.3	6.5	5.7
s3165	428452	6950247	57.6	8.0	19.0	16.3	6.5	5.7
s3166	428420	6950250	57.6	8.0	19.0	16.3	6.5	5.7
s3167	428425	6950274	57.6	8.0	19.0	16.3	6.5	5.7
s3168	428423	6950292	57.6	8.0	19.0	16.3	6.5	5.7
s3169	428426	6950311	57.6	8.0	19.0	16.3	6.5	5.7
s3170	428386	6950309	57.6	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3171	428379	6950291	57.6	8.0	19.0	16.3	6.5	5.7
s3172	428351	6950297	57.6	8.0	19.0	16.3	6.5	5.7
s3173	428331	6950300	57.6	8.0	19.0	16.3	6.5	5.7
s3174	428309	6950300	57.6	8.0	19.0	16.3	6.5	5.7
s3175	428283	6950303	57.6	8.0	19.0	16.3	6.5	5.7
s3176	428262	6950315	57.6	8.0	19.0	16.3	6.5	5.7
s3177	428243	6950313	57.6	8.0	19.0	16.3	6.5	5.7
s3178	428222	6950316	57.6	8.0	19.0	16.3	6.5	5.7
s3179	428196	6950320	57.6	8.0	19.0	16.3	6.5	5.7
s3180	428184	6950279	57.6	8.0	19.0	16.3	6.5	5.7
s3181	428210	6950275	57.6	8.0	19.0	16.3	6.5	5.7
s3182	428226	6950272	57.6	8.0	19.0	16.3	6.5	5.7
s3183	428249	6950268	57.6	8.0	19.0	16.3	6.5	5.7
s3184	428275	6950265	57.6	8.0	19.0	16.3	6.5	5.7
s3185	428315	6950257	57.6	8.0	19.0	16.3	6.5	5.7
s3186	428332	6950258	57.6	8.0	19.0	16.3	6.5	5.7
s3187	428357	6950256	57.6	8.0	19.0	16.3	6.5	5.7
s3188	428374	6950249	57.6	8.0	19.0	16.3	6.5	5.7
s3189	428392	6950246	57.6	8.0	19.0	16.3	6.5	5.7
s3190	428135	6950243	57.6	8.0	19.0	16.3	6.5	5.7
s3191	428128	6950245	57.6	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3192	428113	6950244	57.6	8.0	19.0	16.3	6.5	5.7
s3193	428095	6950247	57.6	8.0	19.0	16.3	6.5	5.7
s3194	428071	6950255	57.6	8.0	19.0	16.3	6.5	5.7
s3195	428045	6950264	58.1	8.0	19.0	16.3	6.5	5.7
s3196	430627	6950243	103.2	8.3	19.4	16.3	6.7	5.7
s3197	432585	6950202	109.2	9.6	20.7	16.7	7.1	5.9
s3198	429661	6950241	85.3	8.2	19.3	16.3	6.8	5.7
s3199	429645	6950229	85.3	8.2	19.3	16.3	6.8	5.7
s3200	429629	6950220	85.4	8.2	19.3	16.3	6.8	5.7
s3201	429614	6950204	85.4	8.1	19.3	16.3	6.8	5.7
s3202	429598	6950191	85.4	8.1	19.3	16.3	6.8	5.7
s3203	429584	6950177	85.3	8.1	19.3	16.3	6.8	5.7
s3204	429579	6950238	85.5	8.1	19.3	16.3	6.8	5.7
s3205	429514	6950237	85.1	8.1	19.3	16.3	6.8	5.7
s3206	429526	6950217	85.2	8.1	19.3	16.3	6.8	5.7
s3207	429540	6950207	85.3	8.1	19.3	16.3	6.8	5.7
s3208	429476	6950234	80.6	8.1	19.3	16.3	6.8	5.7
s3209	429513	6950192	85.1	8.1	19.3	16.3	6.8	5.7
s3210	429455	6950220	78.0	8.1	19.3	16.3	6.8	5.7
s3211	429499	6950179	83.8	8.1	19.3	16.3	6.8	5.7
s3212	429446	6950205	77.2	8.1	19.3	16.3	6.8	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3213	429440	6950199	76.4	8.1	19.3	16.3	6.8	5.7
s3214	429427	6950181	75.2	8.1	19.2	16.3	6.8	5.7
s3215	429405	6950171	72.9	8.1	19.2	16.3	6.8	5.7
s3216	429324	6950174	72.7	8.1	19.2	16.3	6.8	5.7
s3217	429344	6950189	72.9	8.1	19.2	16.3	6.8	5.7
s3218	429316	6950226	72.8	8.1	19.2	16.3	6.7	5.7
s3219	429303	6950207	72.6	8.1	19.2	16.3	6.7	5.7
s3220	429280	6950198	72.4	8.1	19.1	16.3	6.7	5.7
s3221	429264	6950185	72.2	8.1	19.1	16.3	6.7	5.7
s3222	429242	6950170	72.0	8.1	19.1	16.3	6.7	5.7
s3223	429191	6950225	64.3	8.1	19.1	16.3	6.7	5.7
s3224	429187	6950179	65.8	8.1	19.1	16.3	6.7	5.7
s3225	429151	6950176	61.1	8.1	19.1	16.3	6.7	5.7
s3226	429152	6950192	60.4	8.1	19.1	16.3	6.7	5.7
s3227	429153	6950211	59.5	8.1	19.1	16.3	6.6	5.7
s3228	429154	6950230	58.5	8.1	19.1	16.3	6.6	5.7
s3229	429007	6950169	57.6	8.1	19.0	16.3	6.6	5.7
s3230	428947	6950168	57.6	8.1	19.0	16.3	6.6	5.7
s3231	428926	6950175	57.6	8.0	19.0	16.3	6.6	5.7
s3232	428895	6950179	57.6	8.0	19.0	16.3	6.6	5.7
s3233	428874	6950176	57.6	8.0	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3234	428831	6950186	57.6	8.0	19.0	16.3	6.6	5.7
s3235	428810	6950188	57.6	8.0	19.0	16.3	6.6	5.7
s3236	428790	6950185	57.6	8.0	19.0	16.3	6.6	5.7
s3237	428771	6950187	57.6	8.0	19.0	16.3	6.6	5.7
s3238	428753	6950192	57.6	8.0	19.0	16.3	6.6	5.7
s3239	428642	6950213	57.6	8.0	19.0	16.3	6.6	5.7
s3240	428699	6950203	57.6	8.0	19.0	16.3	6.6	5.7
s3241	428717	6950197	57.6	8.0	19.0	16.3	6.6	5.7
s3242	428679	6950207	57.6	8.0	19.0	16.3	6.6	5.7
s3243	428656	6950203	57.6	8.0	19.0	16.3	6.6	5.7
s3244	428622	6950214	57.6	8.0	19.0	16.3	6.6	5.7
s3245	428602	6950217	57.6	8.0	19.0	16.3	6.6	5.7
s3246	428583	6950220	57.6	8.0	19.0	16.3	6.6	5.7
s3247	428578	6950178	57.6	8.0	19.0	16.3	6.6	5.7
s3248	428593	6950176	57.6	8.0	19.0	16.3	6.6	5.7
s3249	428610	6950170	57.6	8.0	19.0	16.3	6.6	5.7
s3250	428626	6950168	57.6	8.0	19.0	16.3	6.6	5.7
s3251	428643	6950168	57.6	8.0	19.0	16.3	6.6	5.7
s3252	429076	6950204	57.6	8.1	19.1	16.3	6.6	5.7
s3253	429064	6950229	57.6	8.1	19.1	16.3	6.6	5.7
s3254	429360	6950245	73.2	8.1	19.2	16.3	6.8	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s3255	429415	6950246	73.4	8.1	19.2	16.3	6.8	5.7
s3256	429399	6950230	73.3	8.1	19.2	16.3	6.8	5.7
s3257	429381	6950218	73.2	8.1	19.2	16.3	6.8	5.7
s3258	429023	6950224	57.6	8.1	19.1	16.3	6.6	5.7
s3259	429002	6950217	57.6	8.1	19.1	16.3	6.6	5.7
s3260	428977	6950217	57.6	8.1	19.0	16.3	6.6	5.7
s3261	428951	6950213	57.6	8.1	19.0	16.3	6.6	5.7
s3262	428933	6950217	57.6	8.1	19.0	16.3	6.6	5.7
s3263	428887	6950222	57.6	8.1	19.0	16.3	6.6	5.7
s3264	428890	6950243	57.6	8.1	19.0	16.3	6.6	5.7
s3265	429252	6950234	72.0	8.1	19.1	16.3	6.7	5.7
s3266	428543	6950236	57.6	8.0	19.0	16.3	6.6	5.7
s3267	428540	6950217	57.6	8.0	19.0	16.3	6.6	5.7
s3268	428505	6950243	57.6	8.0	19.0	16.3	6.6	5.7
s3269	428496	6950220	57.6	8.0	19.0	16.3	6.5	5.7
s3270	428464	6950227	57.6	8.0	19.0	16.3	6.5	5.7
s3271	428378	6950211	57.6	8.0	19.0	16.3	6.5	5.7
s3272	428272	6950225	57.6	8.0	19.0	16.3	6.5	5.7
s3273	428250	6950225	57.6	8.0	19.0	16.3	6.5	5.7
s3274	428230	6950228	57.6	8.0	19.0	16.3	6.5	5.7
s3275	428207	6950229	57.6	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3276	428180	6950235	57.6	8.0	19.0	16.3	6.5	5.7
s3277	428152	6950238	57.6	8.0	19.0	16.3	6.5	5.7
s3278	427900	6950234	60.0	8.0	19.0	16.3	6.5	5.7
s3279	427587	6950217	64.8	8.0	19.0	16.3	6.5	5.7
s3280	431268	6950140	100.0	8.4	19.5	16.4	6.9	5.8
s3281	433784	6950164	121.7	19.8	26.6	19.6	9.0	6.8
s3282	429554	6950121	85.1	8.1	19.3	16.3	6.8	5.7
s3283	429561	6950164	85.2	8.1	19.3	16.3	6.8	5.7
s3284	429573	6950148	85.2	8.1	19.3	16.3	6.8	5.7
s3285	429532	6950139	85.1	8.1	19.3	16.3	6.8	5.7
s3286	429480	6950165	82.0	8.1	19.3	16.3	6.8	5.7
s3287	429451	6950140	79.0	8.1	19.3	16.3	6.8	5.7
s3288	429470	6950150	81.0	8.1	19.3	16.3	6.8	5.7
s3289	429436	6950125	77.6	8.1	19.2	16.3	6.8	5.7
s3290	429419	6950118	75.7	8.1	19.2	16.3	6.8	5.7
s3291	429387	6950158	72.8	8.1	19.2	16.3	6.8	5.7
s3292	429376	6950142	72.8	8.1	19.2	16.3	6.8	5.7
s3293	429387	6950105	72.5	8.1	19.2	16.3	6.8	5.7
s3294	429356	6950100	72.5	8.1	19.2	16.3	6.8	5.7
s3295	429337	6950132	72.7	8.1	19.2	16.3	6.8	5.7
s3296	429317	6950106	72.5	8.1	19.2	16.3	6.8	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3297	429290	6950108	72.4	8.1	19.2	16.3	6.7	5.7
s3298	429272	6950110	72.3	8.1	19.2	16.3	6.7	5.7
s3299	429242	6950108	72.1	8.1	19.1	16.3	6.7	5.7
s3300	429241	6950127	72.1	8.1	19.1	16.3	6.7	5.7
s3301	429238	6950147	72.0	8.1	19.1	16.3	6.7	5.7
s3302	429316	6950151	72.6	8.1	19.2	16.3	6.8	5.7
s3303	428638	6950086	57.6	8.0	19.0	16.3	6.6	5.7
s3304	428647	6950117	57.6	8.0	19.0	16.3	6.6	5.7
s3305	428615	6950120	57.6	8.0	19.0	16.3	6.6	5.7
s3306	428602	6950126	57.6	8.0	19.0	16.3	6.6	5.7
s3307	428587	6950123	57.6	8.0	19.0	16.3	6.6	5.7
s3308	428570	6950128	57.6	8.0	19.0	16.3	6.6	5.7
s3309	428925	6950091	57.6	8.0	19.0	16.3	6.6	5.7
s3310	428903	6950094	57.6	8.0	19.0	16.3	6.6	5.7
s3311	428882	6950091	57.6	8.0	19.0	16.3	6.6	5.7
s3312	428860	6950091	57.6	8.0	19.0	16.3	6.6	5.7
s3313	428839	6950094	57.6	8.0	19.0	16.3	6.6	5.7
s3314	428820	6950094	57.6	8.0	19.0	16.3	6.6	5.7
s3315	428797	6950098	57.6	8.0	19.0	16.3	6.6	5.7
s3316	428777	6950099	57.6	8.0	19.0	16.3	6.6	5.7
s3317	428757	6950101	57.6	8.0	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3318	428738	6950103	57.6	8.0	19.0	16.3	6.6	5.7
s3319	428718	6950106	57.6	8.0	19.0	16.3	6.6	5.7
s3320	428700	6950112	57.6	8.0	19.0	16.3	6.6	5.7
s3321	428682	6950112	57.6	8.0	19.0	16.3	6.6	5.7
s3322	429185	6950158	66.3	8.1	19.1	16.3	6.7	5.7
s3323	429181	6950135	66.5	8.1	19.1	16.3	6.7	5.7
s3324	429179	6950105	66.9	8.1	19.1	16.3	6.7	5.7
s3325	429134	6950108	61.7	8.1	19.1	16.3	6.7	5.7
s3326	429151	6950141	62.6	8.1	19.1	16.3	6.7	5.7
s3327	429118	6950149	58.0	8.1	19.1	16.3	6.6	5.7
s3328	429093	6950155	57.6	8.1	19.1	16.3	6.6	5.7
s3329	429070	6950165	57.6	8.1	19.1	16.3	6.6	5.7
s3330	429046	6950162	57.6	8.1	19.1	16.3	6.6	5.7
s3331	429031	6950164	57.6	8.1	19.1	16.3	6.6	5.7
s3332	428978	6950165	57.6	8.1	19.0	16.3	6.6	5.7
s3333	428867	6950139	57.6	8.0	19.0	16.3	6.6	5.7
s3334	428889	6950134	57.6	8.0	19.0	16.3	6.6	5.7
s3335	428912	6950137	57.6	8.0	19.0	16.3	6.6	5.7
s3336	428935	6950132	57.6	8.0	19.0	16.3	6.6	5.7
s3337	428957	6950133	57.6	8.0	19.0	16.3	6.6	5.7
s3338	429002	6950126	57.6	8.1	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s3339	429022	6950122	57.6	8.1	19.0	16.3	6.6	5.7
s3340	429046	6950122	57.6	8.1	19.1	16.3	6.6	5.7
s3341	429064	6950120	57.6	8.1	19.1	16.3	6.6	5.7
s3342	429087	6950121	57.8	8.1	19.1	16.3	6.6	5.7
s3343	429116	6950105	59.6	8.1	19.1	16.3	6.7	5.7
s3344	428827	6950149	57.6	8.0	19.0	16.3	6.6	5.7
s3345	428806	6950147	57.6	8.0	19.0	16.3	6.6	5.7
s3346	428786	6950147	57.6	8.0	19.0	16.3	6.6	5.7
s3347	428766	6950149	57.6	8.0	19.0	16.3	6.6	5.7
s3348	428749	6950153	57.6	8.0	19.0	16.3	6.6	5.7
s3349	428730	6950153	57.6	8.0	19.0	16.3	6.6	5.7
s3350	428709	6950157	57.6	8.0	19.0	16.3	6.6	5.7
s3351	428694	6950155	57.6	8.0	19.0	16.3	6.6	5.7
s3352	428675	6950161	57.6	8.0	19.0	16.3	6.6	5.7
s3353	428660	6950163	57.6	8.0	19.0	16.3	6.6	5.7
s3354	428980	6950131	57.6	8.0	19.0	16.3	6.6	5.7
s3355	428356	6950116	57.6	8.0	19.0	16.3	6.5	5.7
s3356	431481	6950080	110.0	8.5	19.6	16.4	7.1	5.8
s3357	429546	6950015	81.7	8.1	19.2	16.3	6.8	5.7
s3358	429547	6950037	82.5	8.1	19.2	16.3	6.8	5.7
s3359	429550	6950057	83.1	8.1	19.2	16.3	6.8	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3360	429268	6950015	72.0	8.1	19.2	16.3	6.7	5.7
s3361	429274	6950059	72.2	8.1	19.2	16.3	6.7	5.7
s3362	429235	6950025	71.4	8.1	19.1	16.3	6.7	5.7
s3363	429233	6950046	71.7	8.1	19.1	16.3	6.7	5.7
s3364	429325	6950054	72.3	8.1	19.2	16.3	6.8	5.7
s3365	429316	6950037	72.2	8.1	19.2	16.3	6.8	5.7
s3366	429325	6950019	72.1	8.1	19.2	16.3	6.8	5.7
s3367	429228	6950068	71.6	8.1	19.1	16.3	6.7	5.7
s3368	429354	6950039	72.1	8.1	19.2	16.3	6.8	5.7
s3369	429549	6950076	83.7	8.1	19.3	16.3	6.8	5.7
s3370	429504	6950073	83.0	8.1	19.3	16.3	6.8	5.7
s3371	429472	6950086	81.4	8.1	19.3	16.3	6.8	5.7
s3372	429452	6950074	79.9	8.1	19.2	16.3	6.8	5.7
s3373	429435	6950063	78.4	8.1	19.2	16.3	6.8	5.7
s3374	429412	6950051	76.4	8.1	19.2	16.3	6.8	5.7
s3375	429395	6950038	74.8	8.1	19.2	16.3	6.8	5.7
s3376	429373	6950033	72.5	8.1	19.2	16.3	6.8	5.7
s3377	429466	6950022	80.7	8.1	19.2	16.3	6.8	5.7
s3378	429485	6950033	81.7	8.1	19.2	16.3	6.8	5.7
s3379	429501	6950050	82.6	8.1	19.2	16.3	6.8	5.7
s3380	428627	6950016	57.6	8.0	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s3381	428630	6950031	57.6	8.0	19.0	16.3	6.6	5.7
s3382	428628	6950054	57.6	8.0	19.0	16.3	6.6	5.7
s3383	428638	6950068	57.6	8.0	19.0	16.3	6.6	5.7
s3384	428746	6950012	57.6	8.0	19.0	16.3	6.6	5.7
s3385	428726	6950018	57.6	8.0	19.0	16.3	6.6	5.7
s3386	428704	6950018	57.6	8.0	19.0	16.3	6.6	5.7
s3387	428673	6950027	57.6	8.0	19.0	16.3	6.6	5.7
s3388	428677	6950013	57.6	8.0	19.0	16.3	6.6	5.7
s3389	428855	6950008	57.6	8.0	19.0	16.3	6.6	5.7
s3390	429081	6950022	59.0	8.0	19.1	16.3	6.7	5.7
s3391	429056	6950023	58.5	8.0	19.1	16.3	6.6	5.7
s3392	429034	6950024	58.1	8.0	19.1	16.3	6.6	5.7
s3393	429014	6950030	57.6	8.0	19.0	16.3	6.6	5.7
s3394	428988	6950035	57.6	8.0	19.0	16.3	6.6	5.7
s3395	428966	6950034	57.6	8.0	19.0	16.3	6.6	5.7
s3396	428949	6950036	57.6	8.0	19.0	16.3	6.6	5.7
s3397	428926	6950038	57.6	8.0	19.0	16.3	6.6	5.7
s3398	428905	6950045	57.6	8.0	19.0	16.3	6.6	5.7
s3399	428879	6950046	57.6	8.0	19.0	16.3	6.6	5.7
s3400	428856	6950054	57.6	8.0	19.0	16.3	6.6	5.7
s3401	428834	6950054	57.6	8.0	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3402	428804	6950051	57.6	8.0	19.0	16.3	6.6	5.7
s3403	428774	6950045	57.6	8.0	19.0	16.3	6.6	5.7
s3404	428747	6950061	57.6	8.0	19.0	16.3	6.6	5.7
s3405	428730	6950061	57.6	8.0	19.0	16.3	6.6	5.7
s3406	428714	6950067	57.6	8.0	19.0	16.3	6.6	5.7
s3407	428693	6950067	57.6	8.0	19.0	16.3	6.6	5.7
s3408	428678	6950067	57.6	8.0	19.0	16.3	6.6	5.7
s3409	429088	6950063	58.7	8.1	19.1	16.3	6.6	5.7
s3410	429067	6950069	58.2	8.1	19.1	16.3	6.6	5.7
s3411	429045	6950067	57.7	8.0	19.1	16.3	6.6	5.7
s3412	429025	6950076	57.6	8.0	19.0	16.3	6.6	5.7
s3413	429006	6950077	57.6	8.0	19.0	16.3	6.6	5.7
s3414	429008	6950078	57.6	8.0	19.0	16.3	6.6	5.7
s3415	428988	6950082	57.6	8.0	19.0	16.3	6.6	5.7
s3416	428963	6950082	57.6	8.0	19.0	16.3	6.6	5.7
s3417	428939	6950082	57.6	8.0	19.0	16.3	6.6	5.7
s3418	429168	6950016	66.8	8.1	19.1	16.3	6.7	5.7
s3419	429170	6950057	66.8	8.1	19.1	16.3	6.7	5.7
s3420	429152	6950059	65.0	8.1	19.1	16.3	6.7	5.7
s3421	429126	6950054	62.4	8.1	19.1	16.3	6.7	5.7
s3422	429124	6950028	62.8	8.1	19.1	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3423	431560	6949984	108.2	8.4	19.5	16.4	7.0	5.8
s3424	429397	6949934	76.0	8.1	19.2	16.3	6.8	5.7
s3425	429416	6949947	77.2	8.1	19.2	16.3	6.8	5.7
s3426	429432	6949953	78.2	8.1	19.2	16.3	6.8	5.7
s3427	429468	6949969	79.9	8.1	19.2	16.3	6.8	5.7
s3428	429487	6949976	80.5	8.1	19.2	16.3	6.8	5.7
s3429	429509	6949981	80.9	8.1	19.2	16.3	6.8	5.7
s3430	429527	6949994	81.2	8.1	19.2	16.3	6.8	5.7
s3431	429336	6949939	70.7	8.1	19.2	16.3	6.8	5.7
s3432	429319	6949957	69.2	8.1	19.2	16.3	6.8	5.7
s3433	429309	6949967	70.1	8.1	19.2	16.3	6.8	5.7
s3434	429294	6949979	71.0	8.1	19.2	16.3	6.8	5.7
s3435	429293	6949980	71.0	8.1	19.2	16.3	6.8	5.7
s3436	429270	6949995	71.6	8.1	19.2	16.3	6.7	5.7
s3437	429339	6950001	71.5	8.1	19.2	16.3	6.8	5.7
s3438	429350	6949983	71.1	8.1	19.2	16.3	6.8	5.7
s3439	429373	6949976	73.5	8.1	19.2	16.3	6.8	5.7
s3440	429396	6949987	75.5	8.1	19.2	16.3	6.8	5.7
s3441	429411	6949999	76.8	8.1	19.2	16.3	6.8	5.7
s3442	429432	6950010	78.4	8.1	19.2	16.3	6.8	5.7
s3443	428612	6949943	57.6	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3444	428618	6949961	57.6	8.0	19.0	16.3	6.5	5.7
s3445	428620	6949979	57.6	8.0	19.0	16.3	6.5	5.7
s3446	428624	6949998	57.6	8.0	19.0	16.3	6.5	5.7
s3447	428696	6949929	57.6	8.0	19.0	16.3	6.6	5.7
s3448	428679	6949937	57.6	8.0	19.0	16.3	6.6	5.7
s3449	428656	6949937	57.6	8.0	19.0	16.3	6.5	5.7
s3450	428820	6949940	57.6	8.0	19.0	16.3	6.6	5.7
s3451	428808	6949952	57.6	8.0	19.0	16.3	6.6	5.7
s3452	428793	6949959	57.6	8.0	19.0	16.3	6.6	5.7
s3453	428782	6949978	57.6	8.0	19.0	16.3	6.6	5.7
s3454	428772	6949992	57.6	8.0	19.0	16.3	6.6	5.7
s3455	428759	6950004	57.6	8.0	19.0	16.3	6.6	5.7
s3456	428670	6949993	57.6	8.0	19.0	16.3	6.6	5.7
s3457	428671	6949993	57.6	8.0	19.0	16.3	6.6	5.7
s3458	428667	6949978	57.6	8.0	19.0	16.3	6.5	5.7
s3459	428701	6949978	57.6	8.0	19.0	16.3	6.6	5.7
s3460	428718	6949972	57.6	8.0	19.0	16.3	6.6	5.7
s3461	428737	6949964	57.6	8.0	19.0	16.3	6.6	5.7
s3462	428750	6949947	57.6	8.0	19.0	16.3	6.6	5.7
s3463	428761	6949928	57.6	8.0	19.0	16.3	6.6	5.7
s3464	429068	6949935	59.6	8.0	19.1	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s3465	429073	6949962	59.5	8.0	19.1	16.3	6.7	5.7
s3466	429076	6949979	59.4	8.0	19.1	16.3	6.7	5.7
s3467	429054	6949980	59.0	8.0	19.1	16.3	6.6	5.7
s3468	429022	6949986	58.3	8.0	19.1	16.3	6.6	5.7
s3469	428998	6949982	57.9	8.0	19.0	16.3	6.6	5.7
s3470	428977	6949988	57.6	8.0	19.0	16.3	6.6	5.7
s3471	428952	6949994	57.6	8.0	19.0	16.3	6.6	5.7
s3472	428935	6949996	57.6	8.0	19.0	16.3	6.6	5.7
s3473	428909	6949999	57.6	8.0	19.0	16.3	6.6	5.7
s3474	428882	6950003	57.6	8.0	19.0	16.3	6.6	5.7
s3475	428813	6950006	57.6	8.0	19.0	16.3	6.6	5.7
s3476	428830	6949984	57.6	8.0	19.0	16.3	6.6	5.7
s3477	428846	6949973	57.6	8.0	19.0	16.3	6.6	5.7
s3478	428859	6949959	57.6	8.0	19.0	16.3	6.6	5.7
s3479	428874	6949941	57.6	8.0	19.0	16.3	6.6	5.7
s3480	428890	6949955	57.6	8.0	19.0	16.3	6.6	5.7
s3481	428918	6949954	57.6	8.0	19.0	16.3	6.6	5.7
s3482	428935	6949949	57.6	8.0	19.0	16.3	6.6	5.7
s3483	428958	6949945	57.6	8.0	19.0	16.3	6.6	5.7
s3484	428978	6949943	57.9	8.0	19.0	16.3	6.6	5.7
s3485	428999	6949942	58.3	8.0	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3486	429029	6949934	58.9	8.0	19.1	16.3	6.6	5.7
s3487	429155	6949932	65.4	8.0	19.1	16.3	6.7	5.7
s3488	429157	6949955	65.8	8.0	19.1	16.3	6.7	5.7
s3489	429160	6949974	66.1	8.1	19.1	16.3	6.7	5.7
s3490	429162	6949993	66.4	8.1	19.1	16.3	6.7	5.7
s3491	429119	6950005	62.7	8.1	19.1	16.3	6.7	5.7
s3492	429115	6949981	62.7	8.0	19.1	16.3	6.7	5.7
s3493	429112	6949957	62.6	8.0	19.1	16.3	6.7	5.7
s3494	429110	6949934	62.5	8.0	19.1	16.3	6.7	5.7
s3495	431611	6949942	105.3	8.4	19.5	16.3	6.9	5.8
s3496	429378	6949926	74.6	8.1	19.2	16.3	6.8	5.7
s3497	429349	6949928	72.1	8.1	19.2	16.3	6.8	5.7
s3498	429143	6949869	65.1	8.0	19.1	16.3	6.7	5.7
s3499	429106	6949867	63.7	8.0	19.1	16.3	6.7	5.7
s3500	429099	6949853	64.1	8.0	19.1	16.3	6.7	5.7
s3501	428604	6949871	57.7	8.0	19.0	16.3	6.5	5.7
s3502	428609	6949889	57.6	8.0	19.0	16.3	6.5	5.7
s3503	428613	6949907	57.6	8.0	19.0	16.3	6.5	5.7
s3504	428614	6949924	57.6	8.0	19.0	16.3	6.5	5.7
s3505	428648	6949892	57.6	8.0	19.0	16.3	6.5	5.7
s3506	428664	6949883	57.6	8.0	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3507	428683	6949876	57.6	8.0	19.0	16.3	6.6	5.7
s3508	428699	6949880	57.6	8.0	19.0	16.3	6.6	5.7
s3509	428714	6949871	57.6	8.0	19.0	16.3	6.6	5.7
s3510	428736	6949864	57.6	8.0	19.0	16.3	6.6	5.7
s3511	428765	6949862	57.6	8.0	19.0	16.3	6.6	5.7
s3512	428751	6949882	57.6	8.0	19.0	16.3	6.6	5.7
s3513	428728	6949901	57.6	8.0	19.0	16.3	6.6	5.7
s3514	428715	6949918	57.6	8.0	19.0	16.3	6.6	5.7
s3515	428659	6949913	57.6	8.0	19.0	16.3	6.5	5.7
s3516	428897	6949860	57.6	8.0	19.0	16.3	6.6	5.7
s3517	428877	6949867	57.6	8.0	19.0	16.3	6.6	5.7
s3518	428865	6949882	57.6	8.0	19.0	16.3	6.6	5.7
s3519	428853	6949892	57.6	8.0	19.0	16.3	6.6	5.7
s3520	428847	6949910	57.6	8.0	19.0	16.3	6.6	5.7
s3521	428832	6949923	57.6	8.0	19.0	16.3	6.6	5.7
s3522	428773	6949917	57.6	8.0	19.0	16.3	6.6	5.7
s3523	428788	6949901	57.6	8.0	19.0	16.3	6.6	5.7
s3524	428804	6949882	57.6	8.0	19.0	16.3	6.6	5.7
s3525	428818	6949867	57.6	8.0	19.0	16.3	6.6	5.7
s3526	428829	6949856	57.6	8.0	19.0	16.3	6.6	5.7
s3527	428843	6949848	57.6	8.0	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3528	429053	6949873	61.6	8.0	19.1	16.3	6.7	5.7
s3529	429070	6949896	61.2	8.0	19.1	16.3	6.7	5.7
s3530	429068	6949896	61.2	8.0	19.1	16.3	6.7	5.7
s3531	429065	6949917	60.3	8.0	19.1	16.3	6.7	5.7
s3532	429029	6949905	59.6	8.0	19.1	16.3	6.6	5.7
s3533	429006	6949887	59.5	8.0	19.0	16.3	6.6	5.7
s3534	428977	6949890	58.6	8.0	19.0	16.3	6.6	5.7
s3535	428945	6949904	57.7	8.0	19.0	16.3	6.6	5.7
s3536	428908	6949907	57.6	8.0	19.0	16.3	6.6	5.7
s3537	428927	6949887	57.7	8.0	19.0	16.3	6.6	5.7
s3538	428941	6949869	58.2	8.0	19.0	16.3	6.6	5.7
s3539	429145	6949911	64.6	8.0	19.1	16.3	6.7	5.7
s3540	429109	6949919	62.4	8.0	19.1	16.3	6.7	5.7
s3541	429117	6949912	62.9	8.0	19.1	16.3	6.7	5.7
s3542	429201	6949793	71.7	8.0	19.1	16.3	6.7	5.7
s3543	429137	6949828	66.9	8.0	19.1	16.3	6.7	5.7
s3544	429133	6949807	67.7	8.0	19.1	16.3	6.7	5.7
s3545	429127	6949796	68.0	8.0	19.1	16.3	6.7	5.7
s3546	429123	6949789	68.2	8.0	19.1	16.3	6.7	5.7
s3547	429118	6949784	68.2	8.0	19.1	16.3	6.7	5.7
s3548	429096	6949833	64.9	8.0	19.1	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3549	429087	6949812	65.5	8.0	19.1	16.3	6.7	5.7
s3550	429009	6949776	63.9	8.0	19.1	16.3	6.7	5.7
s3551	429007	6949797	63.0	8.0	19.1	16.3	6.7	5.7
s3552	428965	6949771	62.6	8.0	19.0	16.3	6.6	5.7
s3553	428825	6949770	58.1	8.0	19.0	16.3	6.6	5.7
s3554	428800	6949776	57.7	8.0	19.0	16.3	6.6	5.7
s3555	428771	6949780	57.7	8.0	19.0	16.3	6.6	5.7
s3556	428750	6949782	57.7	8.0	19.0	16.3	6.6	5.7
s3557	428720	6949786	57.7	8.0	19.0	16.3	6.6	5.7
s3558	428696	6949791	57.7	8.0	19.0	16.3	6.6	5.7
s3559	428688	6949829	57.7	8.0	19.0	16.3	6.6	5.7
s3560	428704	6949825	57.7	8.0	19.0	16.3	6.6	5.7
s3561	428721	6949828	57.7	8.0	19.0	16.3	6.6	5.7
s3562	428739	6949829	57.7	8.0	19.0	16.3	6.6	5.7
s3563	428752	6949819	57.7	8.0	19.0	16.3	6.6	5.7
s3564	428773	6949812	57.7	8.0	19.0	16.3	6.6	5.7
s3565	428792	6949829	57.7	8.0	19.0	16.3	6.6	5.7
s3566	428812	6949814	57.7	8.0	19.0	16.3	6.6	5.7
s3567	428830	6949801	57.7	8.0	19.0	16.3	6.6	5.7
s3568	428854	6949802	57.9	8.0	19.0	16.3	6.6	5.7
s3569	428868	6949801	58.4	8.0	19.0	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3570	428887	6949801	58.9	8.0	19.0	16.3	6.6	5.7
s3571	428902	6949801	59.4	8.0	19.0	16.3	6.6	5.7
s3572	428924	6949800	60.1	8.0	19.0	16.3	6.6	5.7
s3573	428942	6949799	60.7	8.0	19.0	16.3	6.6	5.7
s3574	428963	6949795	61.5	8.0	19.0	16.3	6.6	5.7
s3575	429046	6949771	65.7	8.0	19.1	16.3	6.7	5.7
s3576	429047	6949794	64.7	8.0	19.1	16.3	6.7	5.7
s3577	429069	6949801	65.3	8.0	19.1	16.3	6.7	5.7
s3578	428902	6949837	58.2	8.0	19.0	16.3	6.6	5.7
s3579	428867	6949841	57.6	8.0	19.0	16.3	6.6	5.7
s3580	428944	6949841	59.3	8.0	19.0	16.3	6.6	5.7
s3581	428967	6949839	60.0	8.0	19.0	16.3	6.6	5.7
s3582	428985	6949841	60.5	8.0	19.0	16.3	6.6	5.7
s3583	429006	6949838	61.3	8.0	19.0	16.3	6.6	5.7
s3584	429030	6949836	62.3	8.0	19.1	16.3	6.7	5.7
s3585	429051	6949846	62.6	8.0	19.1	16.3	6.7	5.7
s3586	431998	6949772	72.9	8.4	19.4	16.4	6.7	5.8
s3587	429128	6949763	69.7	8.0	19.1	16.3	6.7	5.7
s3588	429085	6949745	68.6	8.0	19.1	16.3	6.7	5.7
s3589	429085	6949764	67.7	8.0	19.1	16.3	6.7	5.7
s3590	429067	6949723	68.9	8.0	19.1	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3591	429028	6949719	67.3	8.0	19.1	16.3	6.7	5.7
s3592	429003	6949720	66.2	8.0	19.1	16.3	6.7	5.7
s3593	428965	6949717	64.8	8.0	19.0	16.3	6.6	5.7
s3594	428967	6949718	64.8	8.0	19.0	16.3	6.6	5.7
s3595	428934	6949718	63.5	8.0	19.0	16.3	6.6	5.7
s3596	428901	6949721	62.2	8.0	19.0	16.3	6.6	5.7
s3597	428862	6949726	60.7	8.0	19.0	16.3	6.6	5.7
s3598	428827	6949727	59.5	8.0	19.0	16.3	6.6	5.7
s3599	428794	6949733	58.4	8.0	19.0	16.3	6.6	5.7
s3600	428764	6949738	57.7	8.0	19.0	16.3	6.6	5.7
s3601	429011	6949758	64.8	8.0	19.1	16.3	6.7	5.7
s3602	428959	6949758	62.9	8.0	19.0	16.3	6.6	5.7
s3603	428932	6949760	61.8	8.0	19.0	16.3	6.6	5.7
s3604	428906	6949761	60.9	8.0	19.0	16.3	6.6	5.7
s3605	428881	6949763	60.0	8.0	19.0	16.3	6.6	5.7
s3606	428852	6949766	59.0	8.0	19.0	16.3	6.6	5.7
s3607	429126	6949741	70.7	8.0	19.1	16.3	6.7	5.7
s3608	429127	6949729	71.5	8.0	19.1	16.3	6.7	5.7
s3609	429129	6949720	72.0	8.0	19.1	16.3	6.7	5.7
s3610	431843	6949690	73.3	8.2	19.3	16.3	6.6	5.7
s3611	429231	6949659	80.6	8.0	19.1	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3612	431816	6949068	72.2	8.1	19.1	16.3	6.6	5.7
s3613	431686	6948905	70.7	8.0	19.1	16.3	6.6	5.7
s3614	431737	6948804	70.5	8.0	19.1	16.3	6.6	5.7
s3615	433454	6948570	70.2	8.0	19.1	16.3	6.6	5.7
s3616	433865	6947609	66.1	7.9	19.0	16.2	6.5	5.7
s3617	435266	6951256	58.4	8.7	19.4	16.4	6.6	5.8
s3618	435763	6951265	58.4	8.6	19.4	16.4	6.6	5.8
s3619	435682	6951189	58.5	8.6	19.4	16.4	6.6	5.8
s3620	434311	6950761	65.8	10.0	20.2	16.8	6.9	5.9
s3621	436657	6950319	59.1	8.8	19.5	16.5	6.7	5.8
s3622	436542	6950251	59.1	8.9	19.6	16.5	6.7	5.8
s3623	433784	6950164	91.7	19.9	27.1	19.7	9.2	6.9
s3624	437054	6950044	59.1	8.7	19.5	16.5	6.7	5.8
s3625	436894	6950018	59.2	8.8	19.5	16.5	6.7	5.8
s3626	434587	6949914	73.2	14.7	23.5	18.1	8.0	6.3
s3627	436392	6949905	60.3	9.3	19.8	16.6	6.8	5.8
s3628	436589	6949740	60.1	9.2	19.7	16.6	6.7	5.8
s3629	435974	6949614	65.9	10.1	20.4	16.8	7.0	5.9
s3630	436694	6949585	59.8	9.2	19.7	16.6	6.7	5.8
s3631	434280	6949509	67.3	10.3	21.3	16.9	7.3	5.9
s3632	436636	6949549	59.8	9.3	19.8	16.6	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3633	434702	6949463	74.9	12.1	23.2	17.4	7.9	6.1
s3634	437915	6949488	58.7	8.5	19.3	16.4	6.6	5.8
s3635	438107	6949467	58.7	8.4	19.2	16.4	6.6	5.8
s3636	434550	6949346	64.8	10.3	21.3	16.9	7.3	5.9
s3637	438084	6949391	58.7	8.5	19.2	16.4	6.6	5.8
s3638	437111	6949183	62.8	9.2	19.7	16.6	6.7	5.8
s3639	438204	6949187	58.6	8.4	19.2	16.4	6.6	5.8
s3640	438035	6949252	58.7	8.5	19.2	16.4	6.6	5.8
s3641	438138	6949109	58.6	8.4	19.2	16.4	6.6	5.8
s3642	438045	6949126	58.7	8.5	19.2	16.4	6.6	5.8
s3643	438510	6949137	58.3	8.2	19.1	16.3	6.6	5.7
s3644	438445	6949136	58.4	8.2	19.1	16.3	6.6	5.7
s3645	438373	6949174	58.5	8.3	19.1	16.3	6.6	5.7
s3646	438296	6949150	58.5	8.3	19.2	16.3	6.6	5.7
s3647	438364	6949070	58.4	8.3	19.1	16.3	6.6	5.7
s3648	438225	6949095	58.5	8.3	19.2	16.3	6.6	5.8
s3649	438581	6949102	58.3	8.2	19.1	16.3	6.6	5.7
s3650	434171	6948982	59.3	8.7	19.7	16.4	6.8	5.8
s3651	435607	6949005	70.3	14.5	23.8	18.1	8.1	6.3
s3652	438683	6948988	58.1	8.1	19.1	16.3	6.5	5.7
s3653	437954	6948917	61.1	8.5	19.3	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3654	438242	6948867	58.0	8.3	19.2	16.3	6.6	5.7
s3655	439042	6948915	58.0	8.1	19.0	16.3	6.6	5.7
s3656	437926	6948797	64.5	8.6	19.3	16.4	6.6	5.8
s3657	438856	6948857	57.9	8.1	19.1	16.3	6.6	5.7
s3658	437143	6948705	65.8	9.7	20.1	16.7	6.9	5.9
s3659	437193	6948763	65.9	9.6	20.0	16.7	6.8	5.9
s3660	437139	6948773	65.8	9.7	20.1	16.7	6.9	5.9
s3661	438212	6948763	60.1	8.3	19.2	16.3	6.6	5.7
s3662	439390	6948755	57.8	8.1	19.1	16.3	6.6	5.7
s3663	437687	6948698	66.2	8.9	19.5	16.5	6.7	5.8
s3664	437783	6948700	66.2	8.8	19.5	16.4	6.7	5.8
s3665	438618	6948663	58.1	8.2	19.1	16.3	6.6	5.7
s3666	436174	6948552	74.8	14.6	24.0	18.1	8.2	6.3
s3667	437153	6948558	69.5	9.9	20.2	16.7	6.9	5.9
s3668	437712	6948597	66.5	8.9	19.6	16.5	6.8	5.8
s3669	437983	6948619	66.0	8.5	19.3	16.4	6.7	5.8
s3670	438272	6948608	63.2	8.3	19.2	16.3	6.6	5.7
s3671	439951	6948575	57.8	8.1	19.0	16.3	6.6	5.7
s3672	433454	6948570	57.5	8.2	19.2	16.3	6.6	5.7
s3673	436633	6948469	70.9	11.7	22.0	17.3	7.6	6.1
s3674	436094	6948485	77.1	12.7	24.1	17.6	8.2	6.2

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3675	437749	6948540	66.6	8.9	19.6	16.5	6.8	5.8
s3676	438148	6948498	66.1	8.5	19.3	16.4	6.7	5.8
s3677	438371	6948521	64.2	8.3	19.2	16.3	6.6	5.7
s3678	440002	6948532	57.9	8.1	19.1	16.3	6.6	5.7
s3679	440068	6948499	57.9	8.1	19.1	16.3	6.6	5.7
s3680	440111	6948522	57.9	8.1	19.0	16.3	6.6	5.7
s3681	435433	6948391	68.3	9.2	20.5	16.6	7.0	5.8
s3682	436673	6948415	73.3	11.9	22.2	17.3	7.6	6.1
s3683	436696	6948394	74.0	12.0	22.3	17.4	7.6	6.1
s3684	436642	6948385	74.7	12.4	22.7	17.5	7.8	6.1
s3685	436384	6948382	77.2	14.6	24.2	18.1	8.3	6.4
s3686	436110	6948435	76.4	12.0	23.8	17.4	8.1	6.1
s3687	436099	6948385	75.7	11.3	23.3	17.2	8.0	6.0
s3688	438215	6948439	68.7	8.5	19.3	16.4	6.7	5.8
s3689	435353	6948323	66.6	9.0	20.1	16.5	6.9	5.8
s3690	436733	6948370	74.3	12.0	22.3	17.3	7.6	6.1
s3691	436757	6948348	74.6	12.0	22.3	17.4	7.6	6.1
s3692	436775	6948335	74.6	12.0	22.2	17.3	7.6	6.1
s3693	436793	6948321	74.6	12.0	22.3	17.3	7.6	6.1
s3694	436632	6948368	74.8	12.5	22.9	17.5	7.9	6.1
s3695	436614	6948351	74.9	12.8	23.2	17.6	7.9	6.2

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3696	436606	6948334	75.0	13.0	23.4	17.7	8.0	6.2
s3697	436576	6948306	77.5	13.6	23.9	17.9	8.2	6.3
s3698	436591	6948321	75.0	13.3	23.6	17.8	8.1	6.2
s3699	436675	6948305	75.3	13.0	23.2	17.7	8.0	6.2
s3700	436700	6948336	74.9	12.5	22.8	17.5	7.8	6.1
s3701	436689	6948319	75.1	12.7	23.0	17.6	7.9	6.2
s3702	436736	6948310	75.0	12.5	22.8	17.5	7.8	6.1
s3703	436102	6948345	75.0	10.9	22.9	17.1	7.8	6.0
s3704	436147	6948341	75.4	11.1	23.1	17.2	7.9	6.0
s3705	436167	6948324	75.3	11.1	23.0	17.1	7.9	6.0
s3706	436179	6948313	74.9	11.0	22.9	17.1	7.8	6.0
s3707	436162	6948358	75.7	11.4	23.3	17.2	8.0	6.1
s3708	436204	6948313	75.4	11.2	23.0	17.2	7.9	6.0
s3709	436224	6948300	75.4	11.2	23.0	17.2	7.9	6.0
s3710	438007	6948370	66.7	8.7	19.4	16.4	6.7	5.8
s3711	438161	6948337	68.2	8.6	19.4	16.4	6.7	5.8
s3712	435574	6948285	64.3	9.2	20.4	16.6	7.0	5.8
s3713	435751	6948265	60.6	9.5	20.8	16.7	7.1	5.9
s3714	436819	6948298	74.7	12.0	22.2	17.3	7.6	6.1
s3715	436512	6948286	78.8	14.8	24.5	18.2	8.4	6.4
s3716	436541	6948257	78.9	15.3	24.7	18.3	8.4	6.4

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3717	436555	6948249	78.9	15.2	24.6	18.3	8.4	6.4
s3718	436567	6948238	78.9	15.3	24.6	18.3	8.4	6.4
s3719	436616	6948230	78.9	14.5	24.2	18.1	8.3	6.3
s3720	436628	6948245	78.9	14.1	24.0	18.0	8.2	6.3
s3721	436637	6948259	78.2	13.8	23.8	17.9	8.1	6.3
s3722	436646	6948273	76.3	13.6	23.7	17.9	8.1	6.3
s3723	436660	6948289	75.4	13.3	23.5	17.8	8.0	6.2
s3724	436709	6948277	75.5	13.0	23.3	17.7	8.0	6.2
s3725	436728	6948297	75.1	12.6	23.0	17.6	7.9	6.2
s3726	436682	6948221	78.8	14.0	24.0	18.0	8.2	6.3
s3727	436692	6948238	76.8	13.7	23.8	17.9	8.1	6.3
s3728	436704	6948248	76.0	13.4	23.6	17.8	8.1	6.2
s3729	436795	6948262	75.0	12.4	22.7	17.5	7.8	6.1
s3730	436783	6948242	75.2	12.7	23.0	17.6	7.9	6.2
s3731	436769	6948230	75.8	13.0	23.2	17.7	8.0	6.2
s3732	436085	6948257	66.0	10.2	21.8	16.9	7.5	5.9
s3733	436230	6948217	67.5	10.5	22.0	17.0	7.6	6.0
s3734	436215	6948231	68.3	10.5	22.1	17.0	7.6	6.0
s3735	436184	6948249	68.6	10.5	22.2	17.0	7.6	6.0
s3736	436166	6948262	69.2	10.6	22.2	17.0	7.6	6.0
s3737	436143	6948280	70.1	10.6	22.3	17.0	7.6	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3738	436240	6948291	75.3	11.2	23.0	17.2	7.9	6.0
s3739	436256	6948279	74.9	11.2	23.0	17.2	7.9	6.0
s3740	436274	6948264	73.8	11.2	22.9	17.2	7.8	6.0
s3741	436262	6948255	72.1	11.0	22.7	17.1	7.8	6.0
s3742	436307	6948242	73.7	11.2	22.9	17.2	7.8	6.0
s3743	436325	6948234	74.2	11.3	22.9	17.2	7.8	6.0
s3744	438176	6948261	69.9	8.7	19.4	16.4	6.8	5.8
s3745	436474	6948178	76.4	12.0	23.4	17.4	8.0	6.1
s3746	436662	6948211	79.0	14.4	24.2	18.1	8.3	6.3
s3747	436751	6948216	76.0	13.4	23.5	17.8	8.1	6.2
s3748	436743	6948205	76.9	13.6	23.7	17.9	8.1	6.3
s3749	436729	6948188	78.8	14.1	24.0	18.0	8.2	6.3
s3750	436716	6948155	79.0	14.9	24.4	18.2	8.3	6.4
s3751	436685	6948146	79.0	15.7	24.7	18.5	8.4	6.5
s3752	436667	6948163	79.0	15.6	24.6	18.4	8.4	6.4
s3753	436651	6948174	79.0	15.5	24.6	18.4	8.4	6.4
s3754	436629	6948183	78.9	15.6	24.6	18.4	8.4	6.4
s3755	436078	6948209	63.9	9.9	21.4	16.8	7.3	5.9
s3756	436070	6948165	62.5	9.7	21.1	16.7	7.2	5.9
s3757	436149	6948141	63.7	9.8	21.1	16.8	7.2	5.9
s3758	436313	6948156	67.4	10.5	21.9	17.0	7.5	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3759	436261	6948185	66.5	10.4	21.9	17.0	7.5	6.0
s3760	436282	6948175	66.8	10.5	21.9	17.0	7.5	6.0
s3761	436247	6948203	67.4	10.5	22.0	17.0	7.5	6.0
s3762	436353	6948205	73.6	11.2	22.7	17.2	7.8	6.0
s3763	436367	6948162	71.2	10.8	22.3	17.1	7.6	6.0
s3764	436398	6948143	72.7	10.9	22.3	17.1	7.6	6.0
s3765	436413	6948161	75.3	11.2	22.7	17.2	7.8	6.0
s3766	436533	6948140	76.9	12.3	23.5	17.5	8.0	6.1
s3767	436487	6948159	76.3	11.9	23.3	17.4	8.0	6.1
s3768	438629	6948174	73.4	8.5	19.3	16.4	6.7	5.8
s3769	436736	6948111	79.0	16.0	24.7	18.5	8.4	6.5
s3770	436057	6948132	61.3	9.6	20.9	16.7	7.2	5.9
s3771	436058	6948096	60.4	9.4	20.7	16.6	7.1	5.8
s3772	436114	6948109	62.0	9.6	20.9	16.7	7.2	5.9
s3773	436170	6948067	62.0	9.6	20.8	16.7	7.1	5.9
s3774	436141	6948088	61.9	9.6	20.8	16.7	7.1	5.9
s3775	436129	6948077	61.3	9.5	20.8	16.7	7.1	5.9
s3776	436326	6948107	65.9	10.3	21.5	16.9	7.4	5.9
s3777	436420	6948065	71.7	10.5	21.7	17.0	7.4	6.0
s3778	436405	6948077	70.5	10.5	21.7	17.0	7.4	6.0
s3779	436388	6948089	69.4	10.5	21.7	17.0	7.4	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3780	436372	6948100	68.5	10.4	21.7	16.9	7.4	6.0
s3781	436340	6948123	67.3	10.4	21.7	16.9	7.4	5.9
s3782	436356	6948113	67.9	10.4	21.7	16.9	7.4	6.0
s3783	436237	6948064	63.5	9.7	21.0	16.7	7.2	5.9
s3784	436212	6948091	63.8	9.8	21.0	16.7	7.2	5.9
s3785	436195	6948102	63.7	9.8	21.0	16.7	7.2	5.9
s3786	436179	6948118	63.7	9.8	21.1	16.7	7.2	5.9
s3787	436162	6948129	63.7	9.8	21.1	16.7	7.2	5.9
s3788	436248	6948080	64.4	9.8	21.1	16.8	7.2	5.9
s3789	436261	6948099	65.3	10.0	21.2	16.8	7.3	5.9
s3790	436282	6948121	65.5	10.1	21.4	16.9	7.3	5.9
s3791	436421	6948116	73.7	10.8	22.2	17.1	7.6	6.0
s3792	436435	6948111	75.2	10.9	22.2	17.1	7.6	6.0
s3793	436458	6948085	75.5	10.9	22.2	17.1	7.6	6.0
s3794	436496	6948101	76.2	11.4	22.7	17.2	7.8	6.0
s3795	436522	6948065	76.4	11.3	22.6	17.2	7.7	6.0
s3796	436528	6948075	76.6	11.5	22.7	17.3	7.8	6.1
s3797	436489	6948077	76.0	11.1	22.4	17.2	7.7	6.0
s3798	436528	6948100	76.7	11.7	23.0	17.3	7.9	6.1
s3799	436529	6948115	76.7	11.9	23.1	17.4	7.9	6.1
s3800	436579	6948071	77.3	12.2	23.3	17.5	8.0	6.1

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3801	436600	6948077	77.5	12.6	23.6	17.6	8.1	6.2
s3802	436618	6948061	77.5	12.6	23.7	17.6	8.1	6.2
s3803	439997	6948142	58.1	8.2	19.2	16.3	6.6	5.7
s3804	434771	6948086	58.1	8.4	19.4	16.4	6.6	5.8
s3805	436054	6948055	59.3	9.3	20.5	16.6	7.0	5.8
s3806	436042	6948001	57.6	9.1	20.3	16.6	7.0	5.8
s3807	436134	6947987	58.9	9.2	20.5	16.6	7.0	5.8
s3808	436105	6948032	59.5	9.3	20.6	16.6	7.0	5.8
s3809	436216	6948031	62.1	9.6	20.8	16.7	7.1	5.9
s3810	436195	6948048	62.1	9.6	20.8	16.7	7.1	5.9
s3811	436355	6947980	63.8	9.8	21.0	16.8	7.2	5.9
s3812	436409	6947992	67.4	10.1	21.2	16.8	7.3	5.9
s3813	436413	6948013	68.7	10.2	21.3	16.9	7.3	5.9
s3814	436342	6947999	63.8	9.8	21.0	16.8	7.2	5.9
s3815	436322	6948003	63.5	9.8	21.0	16.7	7.2	5.9
s3816	436307	6948014	63.5	9.8	21.0	16.7	7.2	5.9
s3817	436291	6948029	63.7	9.8	21.0	16.7	7.2	5.9
s3818	436272	6948040	63.5	9.7	21.0	16.7	7.2	5.9
s3819	436466	6947984	71.7	10.4	21.5	16.9	7.4	5.9
s3820	436522	6947995	75.6	10.8	22.1	17.1	7.6	6.0
s3821	436481	6948024	75.5	10.7	21.9	17.0	7.5	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3822	436451	6948039	74.2	10.6	21.8	17.0	7.5	6.0
s3823	436520	6948034	76.1	11.1	22.3	17.1	7.7	6.0
s3824	436543	6948018	76.2	11.2	22.4	17.2	7.7	6.0
s3825	436520	6948049	76.3	11.2	22.5	17.2	7.7	6.0
s3826	436515	6948022	75.9	11.0	22.2	17.1	7.6	6.0
s3827	436635	6948054	77.4	12.8	23.8	17.6	8.2	6.2
s3828	436645	6948044	77.4	12.7	23.9	17.6	8.2	6.2
s3829	436658	6948034	77.3	12.8	24.0	17.6	8.2	6.2
s3830	436670	6948022	77.1	12.7	24.0	17.6	8.2	6.2
s3831	436684	6948012	77.0	12.7	24.1	17.6	8.3	6.2
s3832	436695	6948004	76.8	12.7	24.1	17.6	8.3	6.2
s3833	436707	6947987	76.5	12.6	24.1	17.6	8.3	6.2
s3834	436724	6947985	76.6	12.8	24.3	17.6	8.3	6.2
s3835	439330	6948043	59.9	8.4	19.3	16.4	6.7	5.8
s3836	440505	6948001	58.4	8.2	19.1	16.3	6.6	5.7
s3837	436114	6947910	57.5	9.0	20.2	16.5	6.9	5.8
s3838	436372	6947905	62.2	9.6	20.8	16.7	7.1	5.9
s3839	436344	6947921	61.6	9.6	20.8	16.7	7.1	5.9
s3840	436325	6947942	61.5	9.6	20.8	16.7	7.1	5.9
s3841	436260	6947977	61.1	9.5	20.7	16.7	7.1	5.9
s3842	436168	6947976	59.5	9.3	20.5	16.6	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3843	436497	6947901	67.5	10.2	21.3	16.8	7.3	5.9
s3844	436456	6947908	66.0	10.0	21.1	16.8	7.2	5.9
s3845	436435	6947912	65.2	9.9	21.0	16.8	7.2	5.9
s3846	436459	6947922	66.8	10.0	21.2	16.8	7.3	5.9
s3847	436463	6947946	68.4	10.2	21.3	16.9	7.3	5.9
s3848	436470	6947962	70.2	10.3	21.4	16.9	7.4	5.9
s3849	436401	6947946	64.9	9.9	21.0	16.8	7.2	5.9
s3850	436382	6947960	64.5	9.8	21.0	16.8	7.2	5.9
s3851	436368	6947971	64.2	9.8	21.0	16.8	7.2	5.9
s3852	436508	6947917	69.0	10.3	21.5	16.9	7.4	5.9
s3853	436510	6947939	70.7	10.4	21.6	16.9	7.4	5.9
s3854	436521	6947954	73.1	10.6	21.8	17.0	7.5	6.0
s3855	436525	6947972	75.3	10.7	21.9	17.0	7.5	6.0
s3856	436734	6947971	76.5	12.8	24.4	17.6	8.3	6.2
s3857	436750	6947955	76.3	12.8	24.3	17.6	8.3	6.2
s3858	438437	6947974	73.2	9.0	19.6	16.5	6.8	5.8
s3859	436152	6947882	57.5	9.0	20.2	16.5	6.9	5.8
s3860	436179	6947861	57.5	9.0	20.2	16.5	6.9	5.8
s3861	436308	6947825	59.1	9.2	20.4	16.6	7.0	5.8
s3862	436445	6947825	61.8	9.6	20.7	16.7	7.1	5.9
s3863	436451	6947850	63.0	9.7	20.8	16.7	7.2	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s3864	436427	6947862	62.7	9.7	20.8	16.7	7.1	5.9
s3865	436382	6947836	60.2	9.5	20.6	16.6	7.0	5.9
s3866	436391	6947858	61.3	9.5	20.7	16.7	7.1	5.9
s3867	436389	6947893	62.4	9.6	20.8	16.7	7.1	5.9
s3868	436325	6947894	60.2	9.4	20.6	16.6	7.1	5.8
s3869	436666	6947831	68.7	10.7	22.0	17.0	7.6	6.0
s3870	436646	6947844	68.6	10.7	22.0	17.0	7.5	6.0
s3871	436612	6947828	65.8	10.3	21.5	16.9	7.4	5.9
s3872	436556	6947834	64.6	10.1	21.2	16.8	7.3	5.9
s3873	436504	6947860	65.3	10.0	21.2	16.8	7.3	5.9
s3874	436526	6947833	64.2	10.0	21.1	16.8	7.2	5.9
s3875	436502	6947880	66.3	10.1	21.2	16.8	7.3	5.9
s3876	436459	6947890	65.1	9.9	21.0	16.8	7.2	5.9
s3877	436079	6947767	57.7	8.8	19.8	16.5	6.8	5.8
s3878	436250	6947805	58.2	9.1	20.2	16.5	6.9	5.8
s3879	436265	6947782	58.3	9.1	20.2	16.5	6.9	5.8
s3880	436304	6947764	58.9	9.1	20.2	16.5	6.9	5.8
s3881	436374	6947766	60.3	9.3	20.4	16.6	7.0	5.8
s3882	436361	6947777	59.9	9.3	20.4	16.6	7.0	5.8
s3883	436344	6947789	59.7	9.2	20.4	16.6	7.0	5.8
s3884	436323	6947804	59.3	9.2	20.4	16.6	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3885	436376	6947797	60.3	9.3	20.5	16.6	7.0	5.8
s3886	436382	6947817	60.3	9.4	20.5	16.6	7.0	5.8
s3887	436425	6947750	61.3	9.4	20.5	16.6	7.0	5.8
s3888	436423	6947770	61.3	9.4	20.5	16.6	7.0	5.8
s3889	436432	6947793	61.3	9.5	20.6	16.7	7.1	5.9
s3890	436439	6947806	61.3	9.6	20.7	16.7	7.1	5.9
s3891	436491	6947755	62.1	9.6	20.7	16.7	7.1	5.9
s3892	436519	6947751	62.3	9.7	20.7	16.7	7.1	5.9
s3893	436541	6947795	62.8	9.9	21.0	16.8	7.2	5.9
s3894	436488	6947802	62.0	9.7	20.8	16.7	7.1	5.9
s3895	436494	6947819	62.9	9.8	20.9	16.7	7.2	5.9
s3896	436551	6947814	63.5	10.0	21.1	16.8	7.2	5.9
s3897	436616	6947791	63.9	10.2	21.3	16.8	7.3	5.9
s3898	436580	6947768	62.5	9.9	21.0	16.8	7.2	5.9
s3899	436597	6947754	62.7	9.9	21.0	16.8	7.2	5.9
s3900	436634	6947775	63.7	10.2	21.3	16.8	7.3	5.9
s3901	436662	6947778	64.8	10.3	21.5	16.9	7.4	5.9
s3902	436684	6947813	68.5	10.7	22.0	17.0	7.6	6.0
s3903	436253	6947720	59.4	8.9	20.0	16.5	6.9	5.8
s3904	436330	6947738	59.2	9.1	20.2	16.6	6.9	5.8
s3905	436358	6947724	59.6	9.1	20.2	16.6	6.9	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s3906	436420	6947690	60.7	9.2	20.3	16.6	7.0	5.8
s3907	436412	6947712	60.7	9.3	20.3	16.6	7.0	5.8
s3908	436421	6947730	61.0	9.3	20.4	16.6	7.0	5.8
s3909	436609	6947740	63.0	9.9	21.0	16.8	7.2	5.9
s3910	437260	6947687	84.2	16.6	24.9	18.7	8.5	6.5
s3911	433865	6947609	57.5	8.1	19.1	16.3	6.5	5.7
s3912	436506	6947563	64.3	9.2	20.2	16.6	6.9	5.8
s3913	436395	6947578	63.2	9.0	20.0	16.5	6.9	5.8
s3914	437667	6947386	85.4	14.9	24.0	18.1	8.2	6.3
s3915	439828	6947414	82.5	9.0	19.7	16.5	7.0	5.8
s3916	435176	6947393	57.5	8.2	19.2	16.3	6.6	5.7
s3917	435258	6947387	57.5	8.2	19.2	16.3	6.6	5.7
s3918	439178	6947293	78.4	9.5	20.0	16.6	6.9	5.8
s3919	435257	6947332	57.5	8.2	19.2	16.3	6.6	5.7
s3920	435136	6947284	57.5	8.2	19.1	16.3	6.5	5.7
s3921	441139	6947225	64.9	8.2	19.1	16.3	6.6	5.7
s3922	435661	6947116	57.5	8.2	19.2	16.3	6.6	5.7
s3923	437216	6947095	80.4	9.5	20.6	16.6	7.1	5.8
s3924	439281	6947066	101.6	10.5	20.5	16.8	7.3	5.9
s3925	440775	6947050	71.3	8.4	19.2	16.3	6.7	5.7
s3926	440744	6947061	71.5	8.4	19.3	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3927	440711	6947070	71.6	8.4	19.3	16.3	6.7	5.7
s3928	440535	6947051	72.4	8.5	19.3	16.4	6.7	5.8
s3929	440505	6947053	72.6	8.6	19.4	16.4	6.7	5.8
s3930	440431	6947046	72.9	8.6	19.4	16.4	6.8	5.8
s3931	440400	6947062	72.9	8.7	19.4	16.4	6.8	5.8
s3932	440337	6947093	72.5	8.7	19.4	16.4	6.8	5.8
s3933	440303	6947076	72.7	8.8	19.5	16.4	6.9	5.8
s3934	440275	6947109	72.3	8.8	19.5	16.4	6.9	5.8
s3935	440245	6947122	72.1	8.8	19.5	16.4	6.9	5.8
s3936	435480	6947091	57.5	8.2	19.1	16.3	6.5	5.7
s3937	437185	6946966	75.7	9.0	20.1	16.5	6.9	5.8
s3938	440837	6947044	70.1	8.3	19.2	16.3	6.7	5.7
s3939	440801	6946981	70.3	8.3	19.3	16.3	6.7	5.7
s3940	440667	6947036	71.8	8.4	19.3	16.3	6.7	5.7
s3941	440635	6947030	71.9	8.4	19.3	16.3	6.7	5.7
s3942	440600	6947033	72.1	8.5	19.3	16.3	6.7	5.8
s3943	440564	6947028	72.3	8.5	19.3	16.3	6.7	5.8
s3944	440466	6947041	72.8	8.6	19.4	16.4	6.8	5.8
s3945	437096	6946893	65.2	8.7	19.8	16.4	6.8	5.8
s3946	439209	6946904	113.4	11.7	21.1	17.0	7.9	6.0
s3947	441251	6946916	85.2	8.2	19.2	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3948	440758	6946880	69.4	8.4	19.3	16.3	6.7	5.7
s3949	436806	6946732	57.5	8.4	19.4	16.3	6.6	5.7
s3950	440045	6946749	77.4	9.1	19.7	16.5	7.0	5.8
s3951	440686	6946765	73.8	8.5	19.4	16.4	6.7	5.8
s3952	441428	6946754	70.1	8.2	19.2	16.3	6.7	5.7
s3953	436841	6946689	57.5	8.3	19.3	16.3	6.6	5.7
s3954	438529	6946667	139.0	18.6	25.8	19.1	9.5	6.7
s3955	439630	6946665	81.0	10.1	20.3	16.7	7.3	5.9
s3956	440719	6946700	79.9	8.5	19.4	16.4	6.7	5.8
s3957	437145	6946606	65.7	8.4	19.5	16.4	6.7	5.8
s3958	437195	6946588	66.5	8.5	19.5	16.4	6.7	5.8
s3959	437291	6946582	68.9	8.5	19.6	16.4	6.7	5.8
s3960	440638	6946570	88.9	8.7	19.5	16.4	6.8	5.8
s3961	442050	6946613	80.3	8.2	19.1	16.3	6.7	5.7
s3962	442088	6946578	80.0	8.2	19.1	16.3	6.6	5.7
s3963	442403	6946595	60.9	8.1	19.0	16.3	6.6	5.7
s3964	437026	6946525	64.7	8.3	19.3	16.3	6.7	5.7
s3965	437248	6946538	68.6	8.5	19.5	16.4	6.7	5.8
s3966	437342	6946485	76.4	8.5	19.5	16.4	6.7	5.8
s3967	441208	6946561	85.9	8.4	19.3	16.3	6.8	5.7
s3968	442138	6946561	77.8	8.2	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s3969	442188	6946556	76.7	8.1	19.1	16.3	6.6	5.7
s3970	442261	6946542	75.0	8.1	19.1	16.3	6.6	5.7
s3971	442507	6946529	67.4	8.1	19.0	16.3	6.6	5.7
s3972	437380	6946438	77.0	8.5	19.5	16.4	6.7	5.8
s3973	437445	6946401	77.2	8.5	19.5	16.4	6.7	5.8
s3974	437522	6946420	77.8	8.6	19.6	16.4	6.8	5.8
s3975	437557	6946331	82.7	8.5	19.5	16.4	6.8	5.8
s3976	437968	6946336	84.9	8.8	19.9	16.4	6.9	5.8
s3977	440716	6946353	80.6	8.9	19.6	16.5	6.8	5.8
s3978	437771	6946282	85.5	8.6	19.6	16.4	6.8	5.8
s3979	440727	6946267	86.3	9.1	19.7	16.5	6.9	5.8
s3980	440790	6946278	98.5	9.0	19.7	16.5	6.9	5.8
s3981	437557	6946168	83.4	8.4	19.4	16.3	6.7	5.7
s3982	436175	6946124	57.5	8.1	19.1	16.3	6.5	5.7
s3983	436719	6946085	57.5	8.1	19.1	16.3	6.6	5.7
s3984	437718	6946046	88.1	8.4	19.4	16.3	6.8	5.8
s3985	438270	6945855	107.2	8.8	19.8	16.4	7.0	5.8
s3986	438008	6945799	112.9	8.5	19.5	16.4	6.8	5.8
s3987	438082	6945819	112.6	8.6	19.6	16.4	6.9	5.8
s3988	438181	6945810	107.3	8.7	19.6	16.4	6.9	5.8
s3989	437840	6945816	102.5	8.4	19.4	16.3	6.8	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s3990	437883	6945817	108.9	8.4	19.4	16.3	6.8	5.8
s3991	437927	6945767	112.5	8.5	19.4	16.3	6.8	5.8
s3992	440700	6945693	104.0	10.1	20.6	16.7	7.7	5.9
s3993	437988	6945720	102.0	8.5	19.4	16.3	6.8	5.8
s3994	437979	6945686	97.8	8.4	19.4	16.3	6.8	5.8
s3995	438181	6945663	93.0	8.5	19.5	16.4	6.9	5.8
s3996	438231	6945671	92.9	8.6	19.6	16.4	6.9	5.8
s3997	438253	6945631	91.9	8.6	19.6	16.4	6.9	5.8
s3998	438269	6945603	92.2	8.5	19.6	16.4	6.9	5.8
s3999	440616	6945656	110.5	10.4	20.9	16.8	7.7	5.9
s4000	440681	6945637	104.1	10.3	20.8	16.8	7.9	5.9
s4001	440731	6945626	100.6	10.4	20.7	16.8	7.7	5.9
s4002	440732	6945645	100.8	10.3	20.7	16.8	7.7	5.9
s4003	440686	6945674	105.1	10.2	20.7	16.8	7.7	5.9
s4004	440762	6945684	99.9	10.1	20.5	16.7	7.5	5.9
s4005	440794	6945680	98.2	10.0	20.5	16.7	7.4	5.9
s4006	440793	6945661	94.8	10.1	20.5	16.7	7.4	5.9
s4007	440785	6945631	93.0	10.3	20.6	16.8	7.4	5.9
s4008	440781	6945617	93.6	10.4	20.7	16.8	7.5	5.9
s4009	440819	6945627	93.6	10.3	20.6	16.8	7.3	5.9
s4010	440817	6945646	93.1	10.2	20.5	16.7	7.3	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4011	440826	6945666	92.7	10.1	20.4	16.7	7.3	5.9
s4012	440851	6945672	93.0	10.0	20.4	16.7	7.3	5.9
s4013	440872	6945665	93.4	10.1	20.4	16.7	7.3	5.9
s4014	437915	6945678	96.3	8.4	19.4	16.3	6.8	5.7
s4015	437878	6945645	92.8	8.4	19.3	16.3	6.8	5.7
s4016	438075	6945668	94.0	8.5	19.5	16.4	6.9	5.8
s4017	438134	6945667	93.8	8.5	19.5	16.4	6.9	5.8
s4018	438111	6945604	88.6	8.5	19.4	16.3	6.8	5.8
s4019	438070	6945605	89.0	8.4	19.4	16.3	6.8	5.8
s4020	438027	6945608	89.2	8.4	19.4	16.3	6.8	5.7
s4021	440892	6945654	93.7	10.1	20.5	16.7	7.3	5.9
s4022	440908	6945653	93.7	10.1	20.5	16.7	7.3	5.9
s4023	440927	6945645	93.7	10.2	20.5	16.7	7.3	5.9
s4024	440947	6945645	93.5	10.2	20.5	16.7	7.3	5.9
s4025	440991	6945636	102.0	10.1	20.5	16.7	7.4	5.9
s4026	440968	6945641	95.9	10.1	20.5	16.7	7.3	5.9
s4027	441007	6945636	105.0	10.1	20.5	16.7	7.4	5.9
s4028	441025	6945631	108.3	10.1	20.5	16.7	7.4	5.9
s4029	441049	6945631	108.6	10.1	20.5	16.7	7.4	5.9
s4030	441072	6945629	108.9	10.1	20.5	16.7	7.4	5.9
s4031	440144	6945589	114.1	13.0	22.5	17.4	8.3	6.1

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4032	440675	6945562	102.6	10.8	21.1	16.9	8.1	5.9
s4033	440692	6945556	101.1	10.9	21.1	16.9	8.0	5.9
s4034	440713	6945553	99.7	10.9	21.0	16.9	7.9	5.9
s4035	440731	6945550	98.3	11.0	21.0	16.9	7.8	5.9
s4036	440677	6945584	102.9	10.6	21.0	16.8	8.1	5.9
s4037	440724	6945575	99.6	10.7	20.9	16.9	7.8	5.9
s4038	440724	6945592	99.9	10.6	20.8	16.8	7.8	5.9
s4039	440678	6945602	103.4	10.5	20.9	16.8	8.0	5.9
s4040	440728	6945609	100.3	10.5	20.8	16.8	7.8	5.9
s4041	440777	6945598	94.1	10.5	20.7	16.8	7.5	5.9
s4042	440779	6945574	94.6	10.7	20.8	16.8	7.5	5.9
s4043	440776	6945557	95.3	10.9	20.9	16.9	7.6	5.9
s4044	440804	6945570	95.2	10.7	20.9	16.8	7.5	5.9
s4045	440812	6945589	94.7	10.6	20.8	16.8	7.5	5.9
s4046	440817	6945608	94.1	10.4	20.7	16.8	7.4	5.9
s4047	437782	6945560	83.3	8.3	19.3	16.3	6.7	5.7
s4048	437933	6945551	87.2	8.3	19.3	16.3	6.8	5.7
s4049	438216	6945583	90.4	8.5	19.5	16.4	6.9	5.8
s4050	440860	6945585	95.1	10.6	20.8	16.8	7.5	5.9
s4051	441093	6945610	109.8	10.1	20.6	16.7	7.5	5.9
s4052	441086	6945586	110.4	10.2	20.7	16.7	7.6	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4053	441070	6945572	110.8	10.4	20.8	16.7	7.6	5.9
s4054	441047	6945578	110.6	10.4	20.8	16.7	7.6	5.9
s4055	441025	6945585	110.2	10.4	20.8	16.8	7.6	5.9
s4056	441001	6945592	109.5	10.4	20.7	16.7	7.6	5.9
s4057	440984	6945593	109.1	10.4	20.7	16.8	7.5	5.9
s4058	440960	6945596	108.6	10.4	20.7	16.8	7.5	5.9
s4059	440942	6945600	106.7	10.4	20.7	16.8	7.5	5.9
s4060	440921	6945599	101.4	10.4	20.7	16.8	7.5	5.9
s4061	440901	6945605	94.5	10.4	20.7	16.8	7.5	5.9
s4062	440884	6945608	94.6	10.4	20.7	16.8	7.4	5.9
s4063	440860	6945609	94.5	10.4	20.7	16.8	7.4	5.9
s4064	440879	6945581	99.0	10.6	20.8	16.8	7.6	5.9
s4065	440900	6945578	106.5	10.6	20.8	16.8	7.6	5.9
s4066	440915	6945576	108.4	10.6	20.8	16.8	7.6	5.9
s4067	440938	6945573	109.2	10.6	20.8	16.8	7.6	5.9
s4068	440958	6945571	109.7	10.6	20.8	16.8	7.7	5.9
s4069	440978	6945564	110.3	10.6	20.8	16.8	7.7	5.9
s4070	440996	6945563	110.6	10.6	20.9	16.8	7.7	5.9
s4071	441016	6945555	111.3	10.6	20.9	16.8	7.7	5.9
s4072	441040	6945552	111.6	10.6	21.0	16.8	7.7	5.9
s4073	441054	6945540	112.0	10.6	21.0	16.8	7.8	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s4074	441135	6945536	111.9	10.4	20.9	16.7	7.7	5.9
s4075	441145	6945547	111.5	10.3	20.8	16.7	7.7	5.9
s4076	441161	6945560	111.4	10.2	20.8	16.7	7.6	5.9
s4077	441175	6945564	111.4	10.2	20.7	16.7	7.6	5.9
s4078	441194	6945556	111.2	10.1	20.7	16.7	7.6	5.9
s4079	441210	6945544	111.3	10.1	20.7	16.7	7.6	5.9
s4080	441084	6945547	111.7	10.5	20.9	16.8	7.7	5.9
s4081	441099	6945565	111.2	10.3	20.8	16.7	7.6	5.9
s4082	441110	6945579	110.9	10.2	20.8	16.7	7.6	5.9
s4083	441123	6945595	110.4	10.1	20.7	16.7	7.6	5.9
s4084	441139	6945607	110.1	10.0	20.6	16.7	7.5	5.9
s4085	441157	6945608	110.3	10.0	20.6	16.7	7.5	5.9
s4086	441175	6945609	110.4	10.0	20.6	16.7	7.5	5.9
s4087	441194	6945607	110.4	9.9	20.6	16.6	7.5	5.9
s4088	441214	6945601	110.5	9.9	20.6	16.6	7.5	5.9
s4089	441228	6945594	110.4	9.9	20.5	16.6	7.5	5.9
s4090	441241	6945579	110.5	9.9	20.6	16.6	7.5	5.9
s4091	441257	6945558	110.7	9.9	20.6	16.6	7.5	5.9
s4092	441272	6945543	110.6	10.0	20.6	16.6	7.5	5.9
s4093	441466	6945610	105.5	9.4	20.1	16.5	7.2	5.8
s4094	440428	6945519	99.6	11.7	22.1	17.2	8.1	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4095	440524	6945485	117.8	11.8	22.3	17.2	9.2	6.0
s4096	440664	6945510	102.3	11.3	21.4	17.0	8.2	6.0
s4097	440680	6945504	101.3	11.4	21.4	17.0	8.1	6.0
s4098	440699	6945504	99.8	11.5	21.3	17.0	7.9	6.0
s4099	440717	6945502	98.3	11.5	21.3	17.0	7.8	6.0
s4100	440734	6945492	104.0	11.7	21.4	17.0	8.0	6.0
s4101	440753	6945504	101.6	11.5	21.3	17.0	8.0	6.0
s4102	440791	6945511	108.6	11.4	21.3	17.0	8.0	6.0
s4103	440769	6945506	107.4	11.5	21.3	17.0	8.0	6.0
s4104	440809	6945519	108.7	11.3	21.2	16.9	7.9	6.0
s4105	440825	6945525	108.8	11.2	21.2	16.9	7.9	6.0
s4106	440845	6945530	109.1	11.1	21.1	16.9	7.9	5.9
s4107	440863	6945530	109.5	11.1	21.1	16.9	7.9	5.9
s4108	440879	6945526	110.2	11.1	21.1	16.9	7.9	5.9
s4109	441075	6945528	112.4	10.6	21.0	16.8	7.8	5.9
s4110	440923	6945522	111.5	11.1	21.1	16.9	8.0	5.9
s4111	440939	6945518	111.9	11.1	21.2	16.9	8.0	5.9
s4112	440957	6945517	112.2	11.1	21.2	16.9	8.0	5.9
s4113	440978	6945513	112.5	11.0	21.2	16.9	8.0	5.9
s4114	441002	6945510	112.9	11.0	21.2	16.9	7.9	5.9
s4115	441015	6945503	113.4	11.0	21.3	16.9	8.0	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s4116	441033	6945492	117.8	11.1	21.4	16.9	8.0	5.9
s4117	441049	6945481	120.9	11.1	21.4	16.9	8.0	5.9
s4118	441062	6945466	123.6	11.1	21.4	16.9	8.0	5.9
s4119	441124	6945467	121.3	10.8	21.2	16.8	7.9	5.9
s4120	441118	6945488	118.2	10.7	21.1	16.8	7.8	5.9
s4121	441122	6945521	112.3	10.5	21.0	16.8	7.7	5.9
s4122	441225	6945533	111.3	10.1	20.7	16.7	7.6	5.9
s4123	441234	6945513	114.1	10.2	20.7	16.7	7.6	5.9
s4124	441242	6945494	115.9	10.2	20.8	16.7	7.6	5.9
s4125	441279	6945525	112.8	10.0	20.6	16.7	7.5	5.9
s4126	441288	6945504	115.9	10.0	20.6	16.7	7.5	5.9
s4127	441288	6945481	118.9	10.1	20.7	16.7	7.5	5.9
s4128	441101	6945503	114.9	10.7	21.1	16.8	7.8	5.9
s4129	438916	6945385	112.9	8.9	19.9	16.4	7.0	5.8
s4130	439479	6945409	97.5	9.8	20.8	16.7	7.3	5.9
s4131	438115	6945367	80.6	8.3	19.3	16.3	6.8	5.7
s4132	438150	6945372	80.6	8.3	19.3	16.3	6.8	5.7
s4133	438058	6945379	81.2	8.3	19.3	16.3	6.7	5.7
s4134	437862	6945364	82.2	8.2	19.2	16.3	6.7	5.7
s4135	437802	6945417	82.4	8.2	19.2	16.3	6.7	5.7
s4136	437984	6945400	82.0	8.3	19.2	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4137	438190	6945379	80.5	8.3	19.3	16.3	6.8	5.7
s4138	438222	6945419	80.8	8.4	19.4	16.3	6.8	5.7
s4139	438266	6945419	80.2	8.4	19.4	16.3	6.8	5.7
s4140	438326	6945409	85.1	8.4	19.4	16.3	6.8	5.7
s4141	441078	6945450	126.9	11.1	21.4	16.9	8.1	5.9
s4142	441076	6945432	127.4	11.2	21.5	16.9	8.1	5.9
s4143	441071	6945415	129.3	11.4	21.6	16.9	8.1	6.0
s4144	441120	6945392	126.4	11.2	21.4	16.9	8.0	5.9
s4145	441124	6945413	126.0	11.0	21.3	16.9	8.0	5.9
s4146	441126	6945433	124.3	10.9	21.3	16.8	7.9	5.9
s4147	441127	6945448	124.0	10.9	21.2	16.8	7.9	5.9
s4148	438942	6945353	110.1	8.8	19.9	16.4	7.0	5.8
s4149	437880	6945333	82.3	8.2	19.2	16.3	6.7	5.7
s4150	437958	6945293	81.5	8.2	19.2	16.3	6.7	5.7
s4151	438050	6945307	80.6	8.3	19.2	16.3	6.7	5.7
s4152	438112	6945295	80.1	8.3	19.2	16.3	6.7	5.7
s4153	438199	6945282	79.7	8.3	19.3	16.3	6.7	5.7
s4154	438247	6945333	80.6	8.3	19.3	16.3	6.7	5.7
s4155	438402	6945357	86.4	8.4	19.4	16.3	6.7	5.7
s4156	441118	6945373	123.4	11.2	21.4	16.9	8.0	6.0
s4157	442462	6945381	87.7	8.3	19.2	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4158	439024	6945243	95.9	8.7	19.7	16.4	6.9	5.8
s4159	440568	6945238	164.7	17.3	25.5	18.2	11.7	6.4
s4160	437852	6945248	81.9	8.2	19.2	16.3	6.7	5.7
s4161	437903	6945229	81.5	8.2	19.2	16.3	6.7	5.7
s4162	438142	6945235	78.6	8.3	19.3	16.3	6.7	5.7
s4163	438935	6945191	108.8	8.6	19.6	16.4	6.9	5.8
s4164	440085	6945211	114.9	10.8	21.6	16.9	7.7	5.9
s4165	440615	6945199	151.7	17.1	24.1	18.3	9.8	6.4
s4166	440679	6945176	132.4	15.8	23.5	18.1	9.2	6.3
s4167	437780	6945197	82.2	8.2	19.1	16.3	6.6	5.7
s4168	437908	6945189	81.1	8.2	19.2	16.3	6.7	5.7
s4169	438213	6945199	83.9	8.3	19.3	16.3	6.7	5.7
s4170	438158	6945144	77.0	8.2	19.2	16.3	6.7	5.7
s4171	441428	6945148	132.9	11.0	20.7	16.9	7.4	6.0
s4172	440615	6945123	143.9	14.1	23.8	17.7	9.3	6.2
s4173	437714	6945091	81.8	8.1	19.1	16.3	6.6	5.7
s4174	437761	6945083	81.3	8.1	19.1	16.3	6.6	5.7
s4175	437821	6945083	80.8	8.1	19.1	16.3	6.6	5.7
s4176	438084	6945053	70.8	8.2	19.2	16.3	6.6	5.7
s4177	438049	6945121	72.9	8.2	19.2	16.3	6.7	5.7
s4178	438002	6945090	72.9	8.2	19.2	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4179	437940	6945077	73.0	8.2	19.2	16.3	6.6	5.7
s4180	437894	6945076	74.5	8.1	19.1	16.3	6.6	5.7
s4181	438732	6945050	88.4	8.4	19.4	16.3	6.7	5.7
s4182	437712	6945017	81.1	8.1	19.1	16.3	6.6	5.7
s4183	437778	6945008	79.2	8.1	19.1	16.3	6.6	5.7
s4184	437820	6945002	75.2	8.1	19.1	16.3	6.6	5.7
s4185	437923	6944989	72.4	8.1	19.1	16.3	6.6	5.7
s4186	437970	6944985	70.5	8.1	19.2	16.3	6.6	5.7
s4187	438071	6944962	73.1	8.1	19.2	16.3	6.6	5.7
s4188	438986	6944935	89.5	8.4	19.4	16.4	6.7	5.8
s4189	440818	6944961	128.7	12.1	22.0	17.3	7.7	6.1
s4190	440840	6944953	127.7	12.1	22.0	17.3	7.6	6.1
s4191	440858	6944940	127.3	12.0	22.0	17.2	7.6	6.1
s4192	440888	6944928	126.4	12.0	22.0	17.2	7.6	6.1
s4193	440814	6944928	129.3	11.6	21.8	17.1	7.6	6.0
s4194	440833	6944925	128.6	11.6	21.8	17.2	7.6	6.0
s4195	440853	6944919	128.0	11.6	21.8	17.2	7.5	6.0
s4196	440878	6944911	127.4	11.7	21.9	17.2	7.5	6.0
s4197	440513	6944846	131.0	10.0	20.9	16.7	7.2	5.9
s4198	440586	6944880	128.7	10.3	21.2	16.8	7.3	5.9
s4199	438614	6944865	70.4	8.3	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4200	440983	6944831	125.8	11.2	21.7	17.1	7.4	6.0
s4201	441001	6944820	125.3	11.2	21.6	17.0	7.4	6.0
s4202	440933	6944896	125.9	11.8	21.9	17.2	7.5	6.0
s4203	440957	6944883	125.4	11.7	21.9	17.2	7.5	6.0
s4204	440920	6944879	126.9	11.5	21.8	17.1	7.5	6.0
s4205	440945	6944864	126.4	11.4	21.7	17.1	7.5	6.0
s4206	440914	6944864	127.4	11.3	21.7	17.1	7.4	6.0
s4207	440943	6944846	126.8	11.2	21.7	17.1	7.4	6.0
s4208	440903	6944852	127.8	11.1	21.6	17.0	7.4	6.0
s4209	440931	6944831	127.4	11.0	21.6	17.0	7.4	6.0
s4210	440892	6944831	128.1	10.8	21.5	17.0	7.4	6.0
s4211	440884	6944818	128.0	10.7	21.4	16.9	7.3	5.9
s4212	440857	6944875	128.6	11.1	21.7	17.0	7.4	6.0
s4213	440823	6944860	129.3	10.9	21.5	17.0	7.4	6.0
s4214	440849	6944858	128.6	10.9	21.6	17.0	7.4	6.0
s4215	440818	6944838	128.8	10.7	21.4	16.9	7.3	5.9
s4216	440841	6944833	128.7	10.7	21.4	16.9	7.3	5.9
s4217	440830	6944880	129.0	11.1	21.6	17.0	7.4	6.0
s4218	441014	6944886	123.0	12.2	22.0	17.3	7.6	6.1
s4219	441035	6944869	122.8	12.1	22.0	17.3	7.6	6.1
s4220	441054	6944855	122.5	12.0	21.9	17.2	7.5	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4221	441085	6944829	122.2	11.7	21.8	17.2	7.5	6.0
s4222	441100	6944819	122.2	11.7	21.8	17.2	7.5	6.0
s4223	439399	6944743	98.2	8.5	19.6	16.4	6.8	5.8
s4224	440493	6944805	131.4	9.8	20.8	16.7	7.2	5.9
s4225	440478	6944776	131.5	9.7	20.7	16.7	7.2	5.9
s4226	440477	6944755	130.8	9.6	20.6	16.6	7.1	5.8
s4227	440523	6944751	122.1	9.6	20.6	16.7	7.1	5.9
s4228	440532	6944770	123.0	9.7	20.7	16.7	7.1	5.9
s4229	440548	6944802	124.5	9.9	20.8	16.7	7.1	5.9
s4230	440595	6944813	125.4	10.0	20.9	16.7	7.2	5.9
s4231	441019	6944804	124.9	11.0	21.5	17.0	7.4	6.0
s4232	441009	6944788	125.4	10.8	21.4	17.0	7.3	6.0
s4233	440813	6944779	126.1	10.2	21.1	16.8	7.2	5.9
s4234	440829	6944774	126.3	10.2	21.1	16.8	7.2	5.9
s4235	441137	6944740	123.0	10.9	21.3	17.0	7.3	6.0
s4236	441093	6944762	123.7	10.9	21.4	17.0	7.4	6.0
s4237	441086	6944742	124.1	10.7	21.2	16.9	7.3	5.9
s4238	441067	6944785	123.8	11.0	21.4	17.0	7.4	6.0
s4239	441056	6944767	124.4	10.7	21.3	16.9	7.3	5.9
s4240	441051	6944747	124.7	10.6	21.2	16.9	7.3	5.9
s4241	440973	6944806	126.4	10.9	21.5	17.0	7.4	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4242	440964	6944783	126.6	10.7	21.4	16.9	7.3	5.9
s4243	440999	6944774	125.8	10.7	21.4	16.9	7.3	5.9
s4244	440959	6944762	126.6	10.5	21.3	16.9	7.3	5.9
s4245	440995	6944757	125.9	10.6	21.3	16.9	7.3	5.9
s4246	440958	6944744	126.4	10.4	21.2	16.8	7.2	5.9
s4247	440995	6944739	125.9	10.4	21.2	16.9	7.2	5.9
s4248	440815	6944746	124.9	10.0	20.9	16.8	7.2	5.9
s4249	440923	6944814	127.5	10.8	21.5	16.9	7.3	6.0
s4250	440913	6944796	127.5	10.6	21.4	16.9	7.3	5.9
s4251	440879	6944800	127.8	10.6	21.3	16.9	7.3	5.9
s4252	440872	6944777	127.2	10.4	21.2	16.8	7.3	5.9
s4253	440911	6944770	127.1	10.4	21.2	16.9	7.3	5.9
s4254	440872	6944756	126.6	10.2	21.1	16.8	7.2	5.9
s4255	440908	6944756	126.8	10.3	21.2	16.8	7.2	5.9
s4256	440866	6944741	126.0	10.1	21.0	16.8	7.2	5.9
s4257	441112	6944810	122.0	11.6	21.8	17.2	7.5	6.0
s4258	441127	6944799	121.9	11.5	21.7	17.1	7.5	6.0
s4259	441141	6944787	121.8	11.4	21.6	17.1	7.4	6.0
s4260	441156	6944779	121.6	11.4	21.6	17.1	7.4	6.0
s4261	440452	6944716	131.4	9.5	20.6	16.6	7.1	5.8
s4262	440433	6944681	131.2	9.3	20.5	16.6	7.1	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4263	440427	6944662	130.9	9.3	20.4	16.6	7.1	5.8
s4264	440497	6944683	119.5	9.4	20.5	16.6	7.0	5.8
s4265	440561	6944727	122.8	9.6	20.6	16.6	7.1	5.9
s4266	440510	6944714	120.7	9.5	20.5	16.6	7.1	5.8
s4267	440518	6944730	121.5	9.6	20.6	16.6	7.1	5.8
s4268	440647	6944711	121.9	9.7	20.6	16.7	7.1	5.9
s4269	438677	6944715	72.3	8.2	19.2	16.3	6.6	5.7
s4270	441085	6944677	124.6	10.3	20.9	16.8	7.2	5.9
s4271	441046	6944732	125.1	10.5	21.2	16.9	7.3	5.9
s4272	441043	6944713	125.2	10.4	21.1	16.8	7.2	5.9
s4273	441035	6944686	125.4	10.2	21.0	16.8	7.2	5.9
s4274	440944	6944701	125.7	10.1	20.9	16.8	7.2	5.9
s4275	441052	6944683	125.1	10.2	20.9	16.8	7.2	5.9
s4276	440902	6944659	123.9	9.8	20.7	16.7	7.1	5.9
s4277	440886	6944662	123.7	9.8	20.7	16.7	7.1	5.9
s4278	440866	6944664	123.3	9.8	20.6	16.7	7.1	5.9
s4279	440849	6944664	122.8	9.7	20.6	16.7	7.1	5.9
s4280	441134	6944722	123.3	10.7	21.2	16.9	7.3	5.9
s4281	441132	6944706	123.5	10.6	21.1	16.9	7.3	5.9
s4282	441129	6944687	123.8	10.5	21.0	16.9	7.2	5.9
s4283	441125	6944671	124.0	10.4	21.0	16.8	7.2	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4284	441092	6944725	124.2	10.6	21.2	16.9	7.3	5.9
s4285	441084	6944708	124.4	10.4	21.0	16.9	7.2	5.9
s4286	440993	6944722	125.9	10.3	21.1	16.8	7.2	5.9
s4287	440955	6944730	126.3	10.3	21.1	16.8	7.2	5.9
s4288	440998	6944693	125.7	10.2	21.0	16.8	7.2	5.9
s4289	440961	6944699	125.7	10.1	20.9	16.8	7.2	5.9
s4290	440979	6944696	125.8	10.2	21.0	16.8	7.2	5.9
s4291	440812	6944731	124.1	10.0	20.8	16.7	7.1	5.9
s4292	440811	6944715	123.4	9.9	20.7	16.7	7.1	5.9
s4293	440808	6944697	122.6	9.8	20.7	16.7	7.1	5.9
s4294	440807	6944684	122.1	9.7	20.6	16.7	7.1	5.9
s4295	440802	6944666	118.6	9.7	20.6	16.7	7.0	5.9
s4296	440904	6944737	126.2	10.2	21.0	16.8	7.2	5.9
s4297	440859	6944720	125.0	10.0	20.9	16.7	7.1	5.9
s4298	440875	6944717	125.3	10.0	20.9	16.8	7.1	5.9
s4299	440890	6944713	125.3	10.0	20.9	16.8	7.1	5.9
s4300	440909	6944708	125.5	10.0	20.9	16.8	7.1	5.9
s4301	440420	6944644	130.3	9.2	20.4	16.5	7.0	5.8
s4302	440393	6944611	128.5	9.1	20.2	16.5	7.0	5.8
s4303	440384	6944595	125.1	9.1	20.2	16.5	7.0	5.8
s4304	440375	6944576	121.6	9.0	20.1	16.5	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4305	440470	6944597	109.1	9.2	20.2	16.5	7.0	5.8
s4306	440599	6944653	121.0	9.4	20.4	16.6	7.0	5.8
s4307	441130	6944622	124.2	10.2	20.8	16.8	7.1	5.9
s4308	441112	6944624	124.3	10.1	20.8	16.8	7.1	5.9
s4309	441098	6944628	124.5	10.1	20.8	16.8	7.1	5.9
s4310	441077	6944629	124.7	10.1	20.8	16.8	7.1	5.9
s4311	441060	6944632	124.9	10.1	20.8	16.8	7.1	5.9
s4312	441043	6944635	124.8	10.0	20.8	16.7	7.1	5.9
s4313	441025	6944638	124.9	10.0	20.8	16.7	7.1	5.9
s4314	440987	6944644	124.9	9.9	20.7	16.7	7.1	5.9
s4315	440970	6944648	124.8	9.9	20.7	16.7	7.1	5.9
s4316	440953	6944650	124.7	9.9	20.7	16.7	7.1	5.9
s4317	440937	6944652	124.5	9.9	20.7	16.7	7.1	5.9
s4318	440919	6944655	124.2	9.8	20.7	16.7	7.1	5.9
s4319	438676	6944490	70.9	8.2	19.2	16.3	6.6	5.7
s4320	440228	6944552	105.8	8.9	20.0	16.5	7.1	5.8
s4321	440254	6944540	110.6	8.9	20.0	16.5	7.0	5.8
s4322	440251	6944517	106.8	8.8	20.0	16.4	7.0	5.8
s4323	441950	6944545	67.2	10.3	20.8	16.8	7.1	5.9
s4324	440232	6944493	100.6	8.8	19.9	16.4	7.0	5.8
s4325	440226	6944475	97.7	8.7	19.9	16.4	7.0	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4326	440227	6944458	96.2	8.7	19.8	16.4	6.9	5.8
s4327	440222	6944434	93.3	8.7	19.8	16.4	6.9	5.8
s4328	440217	6944418	92.8	8.7	19.8	16.4	6.9	5.8
s4329	440253	6944429	95.9	8.7	19.8	16.4	6.9	5.8
s4330	440279	6944426	96.9	8.7	19.8	16.4	6.9	5.8
s4331	440317	6944441	98.1	8.7	19.8	16.4	6.9	5.8
s4332	440312	6944462	101.8	8.8	19.9	16.4	6.9	5.8
s4333	440217	6944395	92.2	8.6	19.7	16.4	6.9	5.8
s4334	440214	6944374	90.1	8.6	19.7	16.4	6.8	5.8
s4335	440209	6944356	88.2	8.6	19.7	16.4	6.8	5.8
s4336	440242	6944412	93.0	8.7	19.8	16.4	6.9	5.8
s4337	440242	6944388	90.7	8.6	19.7	16.4	6.8	5.8
s4338	440239	6944370	88.8	8.6	19.7	16.4	6.8	5.8
s4339	440238	6944351	87.2	8.6	19.7	16.4	6.8	5.8
s4340	440282	6944342	86.9	8.6	19.7	16.4	6.8	5.8
s4341	440285	6944367	89.5	8.6	19.7	16.4	6.8	5.8
s4342	440289	6944381	91.1	8.7	19.7	16.4	6.8	5.8
s4343	440294	6944396	92.8	8.7	19.8	16.4	6.8	5.8
s4344	440395	6944334	80.7	8.7	19.7	16.4	6.8	5.8
s4345	440208	6944334	84.5	8.6	19.7	16.4	6.8	5.8
s4346	440232	6944332	85.3	8.6	19.7	16.4	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s4347	440183	6944290	84.9	8.5	19.6	16.4	6.8	5.8
s4348	440203	6944288	83.8	8.6	19.6	16.4	6.8	5.8
s4349	440223	6944282	83.9	8.6	19.6	16.4	6.8	5.8
s4350	440241	6944284	83.9	8.6	19.6	16.4	6.8	5.8
s4351	440260	6944279	83.6	8.6	19.6	16.4	6.8	5.8
s4352	440281	6944273	83.1	8.6	19.6	16.4	6.8	5.8
s4353	440304	6944272	82.6	8.6	19.6	16.4	6.8	5.8
s4354	440277	6944320	84.9	8.6	19.7	16.4	6.8	5.8
s4355	440304	6944316	83.5	8.6	19.7	16.4	6.8	5.8
s4356	440251	6944178	82.8	8.5	19.5	16.4	6.7	5.8
s4357	440538	6944181	97.7	8.6	19.6	16.4	6.7	5.8
s4358	440369	6944100	71.1	8.5	19.5	16.4	6.7	5.8
s4359	440388	6944115	71.0	8.5	19.5	16.4	6.7	5.8
s4360	440678	6944106	89.0	8.6	19.6	16.4	6.7	5.8
s4361	440529	6944102	91.0	8.5	19.5	16.4	6.7	5.8
s4362	440684	6944124	89.3	8.6	19.7	16.4	6.7	5.8
s4363	440696	6944138	87.8	8.7	19.7	16.4	6.7	5.8
s4364	440728	6944142	89.7	8.7	19.7	16.4	6.7	5.8
s4365	440759	6944133	90.8	8.7	19.7	16.4	6.7	5.8
s4366	440783	6944121	91.1	8.7	19.7	16.4	6.7	5.8
s4367	440878	6944141	92.4	8.8	19.8	16.5	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4368	440893	6944140	92.5	8.8	19.8	16.5	6.8	5.8
s4369	440913	6944132	92.5	8.8	19.8	16.5	6.8	5.8
s4370	440933	6944130	92.6	8.8	19.8	16.5	6.8	5.8
s4371	440954	6944127	92.5	8.8	19.8	16.5	6.8	5.8
s4372	440976	6944123	92.4	8.8	19.8	16.5	6.8	5.8
s4373	440996	6944118	92.2	8.8	19.8	16.5	6.8	5.8
s4374	441020	6944118	91.9	8.8	19.8	16.5	6.8	5.8
s4375	441042	6944113	91.7	8.8	19.8	16.5	6.8	5.8
s4376	441062	6944109	91.4	8.8	19.7	16.5	6.8	5.8
s4377	441085	6944110	91.4	8.9	19.8	16.5	6.8	5.8
s4378	439410	6944092	79.6	8.2	19.3	16.3	6.7	5.7
s4379	439801	6944031	87.4	8.3	19.3	16.3	6.7	5.7
s4380	439760	6944038	87.4	8.3	19.3	16.3	6.7	5.7
s4381	439746	6944049	87.3	8.3	19.3	16.3	6.7	5.7
s4382	439721	6944040	87.0	8.3	19.3	16.3	6.7	5.7
s4383	439702	6944044	86.7	8.3	19.3	16.3	6.7	5.7
s4384	439667	6944064	86.0	8.3	19.2	16.3	6.7	5.7
s4385	439644	6944067	85.5	8.3	19.2	16.3	6.7	5.7
s4386	439865	6944032	87.1	8.3	19.3	16.3	6.7	5.7
s4387	439905	6944023	86.3	8.3	19.3	16.3	6.7	5.7
s4388	439922	6944022	86.0	8.3	19.3	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4389	439942	6944021	85.6	8.3	19.3	16.3	6.7	5.7
s4390	440265	6944021	79.4	8.4	19.4	16.4	6.7	5.8
s4391	440265	6944048	82.0	8.4	19.4	16.4	6.7	5.8
s4392	440344	6944028	71.4	8.4	19.4	16.4	6.7	5.8
s4393	440365	6944045	71.3	8.5	19.5	16.4	6.7	5.8
s4394	440352	6944078	71.2	8.5	19.5	16.4	6.7	5.8
s4395	440437	6944098	77.0	8.5	19.5	16.4	6.7	5.8
s4396	440411	6944082	71.7	8.5	19.5	16.4	6.7	5.8
s4397	440386	6944061	71.2	8.5	19.5	16.4	6.7	5.8
s4398	440430	6944022	74.6	8.5	19.5	16.4	6.7	5.8
s4399	440450	6944053	79.3	8.5	19.5	16.4	6.7	5.8
s4400	440681	6944036	83.9	8.5	19.6	16.4	6.7	5.8
s4401	440677	6944060	86.2	8.6	19.6	16.4	6.7	5.8
s4402	440703	6944054	81.2	8.6	19.6	16.4	6.7	5.8
s4403	440722	6944047	80.4	8.6	19.6	16.4	6.7	5.8
s4404	440763	6944034	82.8	8.6	19.6	16.4	6.7	5.8
s4405	440785	6944032	85.9	8.6	19.6	16.4	6.7	5.8
s4406	440781	6944048	86.5	8.6	19.6	16.4	6.7	5.8
s4407	440740	6944075	83.8	8.6	19.6	16.4	6.7	5.8
s4408	440721	6944076	81.6	8.6	19.6	16.4	6.7	5.8
s4409	440705	6944083	82.6	8.6	19.6	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4410	440683	6944085	86.8	8.6	19.6	16.4	6.7	5.8
s4411	440503	6944090	87.4	8.5	19.5	16.4	6.7	5.8
s4412	440498	6944078	85.9	8.5	19.5	16.4	6.7	5.8
s4413	440498	6944064	85.6	8.5	19.5	16.4	6.7	5.8
s4414	440495	6944054	84.7	8.5	19.5	16.4	6.7	5.8
s4415	440494	6944040	84.8	8.5	19.5	16.4	6.7	5.8
s4416	440493	6944026	83.9	8.5	19.5	16.4	6.7	5.8
s4417	440480	6944073	83.5	8.5	19.5	16.4	6.7	5.8
s4418	440475	6944059	82.1	8.5	19.5	16.4	6.7	5.8
s4419	440475	6944047	82.7	8.5	19.5	16.4	6.7	5.8
s4420	440472	6944033	81.5	8.5	19.5	16.4	6.7	5.8
s4421	440471	6944020	80.6	8.5	19.5	16.4	6.7	5.8
s4422	440791	6944100	90.9	8.6	19.7	16.4	6.7	5.8
s4423	440787	6944083	90.6	8.6	19.6	16.4	6.7	5.8
s4424	440786	6944067	89.0	8.6	19.6	16.4	6.7	5.8
s4425	440848	6944099	91.6	8.7	19.7	16.4	6.7	5.8
s4426	440847	6944086	91.4	8.7	19.7	16.4	6.7	5.8
s4427	440840	6944063	91.0	8.6	19.6	16.4	6.7	5.8
s4428	440832	6944047	90.8	8.6	19.6	16.4	6.7	5.8
s4429	440890	6944062	91.6	8.7	19.7	16.4	6.7	5.8
s4430	440904	6944059	91.6	8.7	19.7	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4431	440924	6944055	91.7	8.7	19.7	16.4	6.7	5.8
s4432	440947	6944050	91.5	8.7	19.7	16.4	6.7	5.8
s4433	440983	6944048	91.5	8.7	19.7	16.4	6.7	5.8
s4434	441003	6944045	91.4	8.7	19.7	16.4	6.7	5.8
s4435	441021	6944043	91.2	8.7	19.7	16.4	6.7	5.8
s4436	441044	6944042	91.1	8.7	19.7	16.4	6.7	5.8
s4437	441055	6944066	91.2	8.7	19.7	16.4	6.7	5.8
s4438	441027	6944071	91.4	8.7	19.7	16.4	6.7	5.8
s4439	441009	6944073	91.5	8.7	19.7	16.4	6.7	5.8
s4440	440991	6944074	91.7	8.7	19.7	16.4	6.7	5.8
s4441	440971	6944078	91.8	8.7	19.7	16.4	6.7	5.8
s4442	440950	6944082	91.9	8.7	19.7	16.4	6.8	5.8
s4443	440929	6944083	91.9	8.7	19.7	16.4	6.8	5.8
s4444	440910	6944087	91.9	8.7	19.7	16.4	6.8	5.8
s4445	440893	6944090	91.9	8.7	19.7	16.4	6.8	5.8
s4446	442872	6944101	65.6	9.4	19.9	16.6	6.8	5.8
s4447	439960	6944004	84.7	8.3	19.3	16.3	6.7	5.7
s4448	440011	6943997	80.4	8.3	19.3	16.3	6.7	5.7
s4449	439927	6943963	85.2	8.3	19.3	16.3	6.7	5.7
s4450	439946	6943959	82.1	8.3	19.3	16.3	6.7	5.7
s4451	439967	6943954	80.3	8.3	19.3	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4452	439985	6943953	80.2	8.3	19.3	16.3	6.7	5.7
s4453	440005	6943939	80.0	8.3	19.3	16.3	6.6	5.7
s4454	440207	6943963	80.3	8.4	19.4	16.3	6.7	5.7
s4455	440253	6943957	77.6	8.4	19.4	16.3	6.7	5.7
s4456	440257	6943971	78.1	8.4	19.4	16.3	6.7	5.7
s4457	440256	6943988	79.3	8.4	19.4	16.3	6.7	5.8
s4458	440263	6944005	79.3	8.4	19.4	16.4	6.7	5.8
s4459	440309	6944004	71.5	8.4	19.4	16.4	6.7	5.8
s4460	440327	6943955	71.5	8.4	19.4	16.4	6.7	5.8
s4461	440375	6943947	71.5	8.4	19.4	16.4	6.7	5.8
s4462	440378	6943987	71.5	8.4	19.4	16.4	6.7	5.8
s4463	440435	6943975	74.8	8.4	19.4	16.4	6.7	5.8
s4464	440654	6943978	82.4	8.5	19.5	16.4	6.7	5.8
s4465	440677	6943975	80.3	8.5	19.5	16.4	6.7	5.8
s4466	440697	6943971	78.3	8.5	19.5	16.4	6.7	5.8
s4467	440742	6943963	75.0	8.5	19.5	16.4	6.7	5.8
s4468	440762	6943959	77.0	8.5	19.5	16.4	6.7	5.8
s4469	440780	6943955	78.9	8.5	19.5	16.4	6.7	5.8
s4470	440801	6943955	81.0	8.5	19.5	16.4	6.7	5.8
s4471	440669	6944010	83.5	8.5	19.5	16.4	6.7	5.8
s4472	440681	6943999	81.8	8.5	19.5	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4473	440701	6943998	78.9	8.5	19.5	16.4	6.7	5.8
s4474	440740	6943993	76.8	8.5	19.5	16.4	6.7	5.8
s4475	440756	6943990	78.8	8.5	19.5	16.4	6.7	5.8
s4476	440779	6943983	81.1	8.5	19.5	16.4	6.7	5.8
s4477	440804	6943974	82.9	8.5	19.5	16.4	6.7	5.8
s4478	440851	6943960	85.8	8.5	19.5	16.4	6.7	5.8
s4479	440853	6943981	87.8	8.6	19.6	16.4	6.7	5.8
s4480	440802	6943991	84.4	8.5	19.6	16.4	6.7	5.8
s4481	440795	6944007	85.2	8.6	19.6	16.4	6.7	5.8
s4482	440467	6944010	80.6	8.5	19.5	16.4	6.7	5.8
s4483	440841	6944018	90.2	8.6	19.6	16.4	6.7	5.8
s4484	440848	6944002	90.1	8.6	19.6	16.4	6.7	5.8
s4485	440904	6943983	90.7	8.6	19.6	16.4	6.7	5.8
s4486	440920	6943979	90.7	8.6	19.6	16.4	6.7	5.8
s4487	440941	6943978	90.8	8.6	19.6	16.4	6.7	5.8
s4488	440970	6943975	90.8	8.6	19.6	16.4	6.7	5.8
s4489	440989	6943969	90.7	8.6	19.6	16.4	6.7	5.8
s4490	441009	6943966	90.7	8.6	19.6	16.4	6.7	5.8
s4491	441033	6943969	89.8	8.6	19.6	16.4	6.7	5.8
s4492	441063	6943955	87.6	8.6	19.6	16.4	6.7	5.8
s4493	441067	6943990	90.3	8.6	19.6	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s4494	441035	6943986	90.7	8.6	19.6	16.4	6.7	5.8
s4495	441012	6943994	90.9	8.6	19.6	16.4	6.7	5.8
s4496	440990	6944000	91.0	8.6	19.6	16.4	6.7	5.8
s4497	440969	6944004	91.1	8.6	19.6	16.4	6.7	5.8
s4498	440947	6944009	91.1	8.6	19.6	16.4	6.7	5.8
s4499	440922	6944005	91.0	8.6	19.6	16.4	6.7	5.8
s4500	440904	6944013	91.0	8.6	19.6	16.4	6.7	5.8
s4501	439376	6943901	71.0	8.2	19.2	16.3	6.6	5.7
s4502	440017	6943923	79.8	8.3	19.3	16.3	6.6	5.7
s4503	440155	6943892	74.6	8.3	19.3	16.3	6.7	5.7
s4504	440177	6943886	75.7	8.3	19.3	16.3	6.7	5.7
s4505	440198	6943886	76.1	8.3	19.3	16.3	6.7	5.7
s4506	440239	6943875	73.6	8.3	19.3	16.3	6.7	5.7
s4507	440158	6943922	76.1	8.3	19.3	16.3	6.7	5.7
s4508	440188	6943923	78.4	8.3	19.3	16.3	6.7	5.7
s4509	440209	6943920	78.0	8.3	19.3	16.3	6.7	5.7
s4510	440242	6943899	74.7	8.3	19.3	16.3	6.7	5.7
s4511	440246	6943915	75.8	8.3	19.3	16.3	6.7	5.7
s4512	440298	6943864	71.5	8.3	19.3	16.3	6.6	5.7
s4513	440291	6943895	71.5	8.3	19.3	16.3	6.7	5.7
s4514	440295	6943911	71.5	8.4	19.3	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s4515	440297	6943929	71.5	8.4	19.4	16.3	6.7	5.7
s4516	440372	6943914	71.5	8.4	19.4	16.3	6.7	5.8
s4517	440366	6943895	71.5	8.4	19.4	16.3	6.7	5.7
s4518	440364	6943876	71.5	8.4	19.3	16.3	6.6	5.7
s4519	440478	6943880	76.2	8.4	19.4	16.4	6.6	5.8
s4520	440486	6943901	79.0	8.4	19.4	16.4	6.7	5.8
s4521	440409	6943869	71.5	8.4	19.3	16.3	6.6	5.7
s4522	440416	6943908	71.6	8.4	19.4	16.4	6.7	5.8
s4523	440530	6943864	76.4	8.4	19.4	16.3	6.6	5.7
s4524	440534	6943889	78.9	8.4	19.4	16.4	6.6	5.8
s4525	440605	6943876	78.5	8.4	19.4	16.4	6.6	5.8
s4526	440882	6943865	80.0	8.5	19.5	16.4	6.7	5.8
s4527	440858	6943865	78.9	8.5	19.5	16.4	6.7	5.8
s4528	441019	6943893	83.8	8.5	19.5	16.4	6.7	5.8
s4529	441004	6943891	84.5	8.5	19.5	16.4	6.7	5.8
s4530	440981	6943897	85.7	8.5	19.5	16.4	6.7	5.8
s4531	440952	6943900	85.3	8.5	19.5	16.4	6.7	5.8
s4532	440930	6943903	85.1	8.5	19.5	16.4	6.7	5.8
s4533	440908	6943910	84.4	8.5	19.5	16.4	6.7	5.8
s4534	440892	6943908	83.3	8.5	19.5	16.4	6.7	5.8
s4535	440779	6943905	74.8	8.5	19.5	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4536	440755	6943909	72.7	8.5	19.5	16.4	6.7	5.8
s4537	440733	6943914	72.2	8.5	19.5	16.4	6.7	5.8
s4538	440710	6943918	75.2	8.5	19.5	16.4	6.7	5.8
s4539	440683	6943922	77.1	8.4	19.4	16.4	6.7	5.8
s4540	440664	6943926	78.3	8.4	19.4	16.4	6.7	5.8
s4541	440847	6943941	83.4	8.5	19.5	16.4	6.7	5.8
s4542	440899	6943938	86.3	8.5	19.5	16.4	6.7	5.8
s4543	440914	6943933	86.5	8.5	19.5	16.4	6.7	5.8
s4544	440934	6943929	87.3	8.5	19.5	16.4	6.7	5.8
s4545	440956	6943927	87.5	8.5	19.5	16.4	6.7	5.8
s4546	440978	6943923	87.7	8.5	19.5	16.4	6.7	5.8
s4547	440999	6943919	86.5	8.5	19.5	16.4	6.7	5.8
s4548	441022	6943912	85.0	8.5	19.5	16.4	6.7	5.8
s4549	439917	6943837	79.7	8.2	19.2	16.3	6.6	5.7
s4550	440283	6943845	71.5	8.3	19.3	16.3	6.6	5.7
s4551	440285	6943856	71.5	8.3	19.3	16.3	6.6	5.7
s4552	440352	6943820	71.5	8.3	19.3	16.3	6.6	5.7
s4553	440358	6943834	71.5	8.3	19.3	16.3	6.6	5.7
s4554	440361	6943844	71.5	8.3	19.3	16.3	6.6	5.7
s4555	440362	6943858	71.5	8.3	19.3	16.3	6.6	5.7
s4556	440401	6943798	71.5	8.3	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s4557	440399	6943823	71.5	8.3	19.3	16.3	6.6	5.7
s4558	440401	6943838	71.5	8.3	19.3	16.3	6.6	5.7
s4559	440403	6943857	71.5	8.4	19.3	16.3	6.6	5.7
s4560	440475	6943788	71.5	8.3	19.3	16.3	6.6	5.7
s4561	440473	6943807	71.5	8.3	19.3	16.3	6.6	5.7
s4562	440479	6943827	71.5	8.3	19.3	16.3	6.6	5.7
s4563	440480	6943844	73.3	8.4	19.4	16.3	6.6	5.7
s4564	440483	6943857	74.2	8.4	19.4	16.3	6.6	5.7
s4565	440229	6943808	71.5	8.3	19.3	16.3	6.6	5.7
s4566	440229	6943783	71.5	8.3	19.3	16.3	6.6	5.7
s4567	440235	6943840	72.0	8.3	19.3	16.3	6.6	5.7
s4568	440232	6943824	71.5	8.3	19.3	16.3	6.6	5.7
s4569	440278	6943829	71.5	8.3	19.3	16.3	6.6	5.7
s4570	440277	6943818	71.5	8.3	19.3	16.3	6.6	5.7
s4571	440275	6943807	71.6	8.3	19.3	16.3	6.6	5.7
s4572	440280	6943785	71.6	8.3	19.3	16.3	6.6	5.7
s4573	440347	6943784	71.6	8.3	19.3	16.3	6.6	5.7
s4574	440352	6943801	71.5	8.3	19.3	16.3	6.6	5.7
s4575	440393	6943781	71.5	8.3	19.3	16.3	6.6	5.7
s4576	440516	6943784	71.8	8.3	19.3	16.3	6.6	5.7
s4577	440594	6943793	75.6	8.4	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4578	440522	6943805	73.2	8.3	19.3	16.3	6.6	5.7
s4579	440530	6943823	74.0	8.4	19.3	16.3	6.6	5.7
s4580	440593	6943813	75.6	8.4	19.3	16.3	6.6	5.7
s4581	440596	6943832	76.6	8.4	19.4	16.3	6.6	5.7
s4582	440529	6943844	75.3	8.4	19.4	16.3	6.6	5.7
s4583	440599	6943852	77.1	8.4	19.4	16.3	6.6	5.7
s4584	440638	6943793	76.8	8.4	19.4	16.3	6.6	5.8
s4585	440660	6943798	76.0	8.4	19.4	16.4	6.6	5.8
s4586	440678	6943796	74.7	8.4	19.4	16.4	6.6	5.8
s4587	440698	6943796	72.8	8.4	19.4	16.4	6.6	5.8
s4588	440721	6943790	71.6	8.4	19.4	16.4	6.6	5.8
s4589	440648	6943850	76.9	8.4	19.4	16.4	6.6	5.8
s4590	440665	6943844	75.7	8.4	19.4	16.4	6.6	5.8
s4591	440687	6943840	74.3	8.4	19.4	16.4	6.6	5.8
s4592	440704	6943839	72.9	8.4	19.4	16.4	6.6	5.8
s4593	440731	6943834	71.5	8.4	19.4	16.4	6.6	5.8
s4594	441036	6943797	80.4	8.5	19.5	16.4	6.7	5.8
s4595	441017	6943796	80.4	8.5	19.5	16.4	6.7	5.8
s4596	440995	6943804	80.8	8.5	19.5	16.4	6.7	5.8
s4597	440979	6943807	80.6	8.5	19.5	16.4	6.7	5.8
s4598	440957	6943811	80.4	8.5	19.5	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4599	440937	6943809	79.8	8.5	19.5	16.4	6.7	5.8
s4600	440920	6943811	79.0	8.5	19.5	16.4	6.7	5.8
s4601	440901	6943820	77.9	8.5	19.4	16.4	6.7	5.8
s4602	440878	6943818	76.6	8.4	19.4	16.4	6.7	5.8
s4603	440856	6943824	75.8	8.4	19.4	16.4	6.7	5.8
s4604	441016	6943839	80.8	8.5	19.5	16.4	6.7	5.8
s4605	440989	6943847	81.5	8.5	19.5	16.4	6.7	5.8
s4606	440973	6943849	81.7	8.5	19.5	16.4	6.7	5.8
s4607	440947	6943852	81.5	8.5	19.5	16.4	6.7	5.8
s4608	440925	6943859	81.4	8.5	19.5	16.4	6.7	5.8
s4609	440904	6943858	80.5	8.5	19.5	16.4	6.7	5.8
s4610	440055	6943730	78.5	8.2	19.2	16.3	6.6	5.7
s4611	440397	6943780	71.5	8.3	19.3	16.3	6.6	5.7
s4612	440465	6943768	71.6	8.3	19.3	16.3	6.6	5.7
s4613	440227	6943768	71.6	8.3	19.3	16.3	6.6	5.7
s4614	440271	6943759	71.6	8.3	19.3	16.3	6.6	5.7
s4615	440340	6943741	71.7	8.3	19.3	16.3	6.6	5.7
s4616	440338	6943769	71.6	8.3	19.3	16.3	6.6	5.7
s4617	440388	6943755	71.6	8.3	19.3	16.3	6.6	5.7
s4618	440382	6943730	71.6	8.3	19.3	16.3	6.6	5.7
s4619	440402	6943722	71.6	8.3	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4620	440424	6943724	71.6	8.3	19.3	16.3	6.6	5.7
s4621	440444	6943725	71.6	8.3	19.3	16.3	6.6	5.7
s4622	440465	6943734	71.6	8.3	19.3	16.3	6.6	5.7
s4623	440508	6943761	71.6	8.3	19.3	16.3	6.6	5.7
s4624	440531	6943742	72.6	8.3	19.3	16.3	6.6	5.7
s4625	440547	6943743	73.7	8.3	19.3	16.3	6.6	5.7
s4626	440590	6943751	74.8	8.3	19.3	16.3	6.6	5.7
s4627	440629	6943750	77.2	8.4	19.4	16.3	6.6	5.7
s4628	440651	6943745	76.2	8.4	19.4	16.3	6.6	5.8
s4629	440669	6943733	74.8	8.4	19.4	16.3	6.6	5.8
s4630	440683	6943728	73.7	8.4	19.4	16.3	6.6	5.8
s4631	440694	6943725	72.6	8.4	19.4	16.3	6.6	5.8
s4632	440709	6943718	71.8	8.4	19.4	16.3	6.6	5.7
s4633	440728	6943711	71.9	8.4	19.4	16.4	6.6	5.8
s4634	440860	6943717	71.6	8.4	19.4	16.4	6.6	5.8
s4635	440868	6943741	71.7	8.4	19.4	16.4	6.6	5.8
s4636	441008	6943714	77.9	8.5	19.5	16.4	6.7	5.8
s4637	441013	6943734	79.4	8.5	19.5	16.4	6.7	5.8
s4638	441016	6943755	79.7	8.5	19.5	16.4	6.7	5.8
s4639	440972	6943750	79.5	8.5	19.5	16.4	6.7	5.8
s4640	440953	6943764	78.5	8.5	19.5	16.4	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s4641	440932	6943751	77.8	8.5	19.5	16.4	6.7	5.8
s4642	440915	6943764	76.7	8.5	19.4	16.4	6.7	5.8
s4643	440918	6943727	74.7	8.4	19.4	16.4	6.7	5.8
s4644	440872	6943776	73.7	8.4	19.4	16.4	6.6	5.8
s4645	440875	6943757	72.8	8.4	19.4	16.4	6.6	5.8
s4646	441298	6943748	73.6	8.9	19.9	16.5	6.8	5.8
s4647	441357	6943729	73.5	9.0	20.0	16.5	6.8	5.8
s4648	441375	6943719	73.5	9.0	20.0	16.5	6.8	5.8
s4649	441390	6943708	73.5	9.0	20.0	16.5	6.8	5.8
s4650	441538	6943742	73.6	9.3	20.2	16.6	6.9	5.8
s4651	440043	6943651	76.2	8.2	19.2	16.3	6.6	5.7
s4652	440112	6943666	71.5	8.2	19.2	16.3	6.6	5.7
s4653	440097	6943626	71.4	8.2	19.2	16.3	6.6	5.7
s4654	440200	6943624	71.6	8.2	19.2	16.3	6.6	5.7
s4655	440172	6943677	71.5	8.2	19.2	16.3	6.6	5.7
s4656	440376	6943623	71.7	8.3	19.2	16.3	6.6	5.7
s4657	440331	6943635	71.7	8.3	19.2	16.3	6.6	5.7
s4658	440301	6943640	71.6	8.2	19.2	16.3	6.6	5.7
s4659	440244	6943643	71.6	8.2	19.2	16.3	6.6	5.7
s4660	440246	6943659	71.6	8.2	19.2	16.3	6.6	5.7
s4661	440208	6943669	71.6	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s4662	440208	6943678	71.6	8.2	19.2	16.3	6.6	5.7
s4663	440210	6943685	71.6	8.2	19.2	16.3	6.6	5.7
s4664	440204	6943647	71.6	8.2	19.2	16.3	6.6	5.7
s4665	440244	6943648	71.6	8.2	19.2	16.3	6.6	5.7
s4666	440243	6943637	71.6	8.2	19.2	16.3	6.6	5.7
s4667	440244	6943624	71.6	8.2	19.2	16.3	6.6	5.7
s4668	440166	6943639	71.5	8.2	19.2	16.3	6.6	5.7
s4669	440576	6943646	73.3	8.3	19.3	16.3	6.6	5.7
s4670	440634	6943635	73.6	8.3	19.3	16.3	6.6	5.7
s4671	440753	6943700	71.8	8.4	19.4	16.3	6.6	5.8
s4672	440771	6943691	71.8	8.4	19.4	16.3	6.6	5.7
s4673	440791	6943684	71.7	8.4	19.4	16.3	6.6	5.7
s4674	440809	6943682	71.7	8.4	19.4	16.3	6.6	5.7
s4675	440827	6943674	71.6	8.4	19.4	16.3	6.6	5.7
s4676	440847	6943664	71.6	8.4	19.4	16.3	6.6	5.7
s4677	440867	6943656	71.6	8.4	19.4	16.3	6.6	5.7
s4678	440882	6943649	71.6	8.4	19.4	16.3	6.6	5.7
s4679	440902	6943643	71.5	8.4	19.4	16.3	6.6	5.8
s4680	440921	6943635	71.5	8.4	19.4	16.4	6.6	5.8
s4681	440883	6943695	71.5	8.4	19.4	16.4	6.6	5.8
s4682	440915	6943697	72.3	8.4	19.4	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4683	441043	6943651	74.3	8.5	19.5	16.4	6.7	5.8
s4684	441052	6943671	76.0	8.5	19.5	16.4	6.7	5.8
s4685	441050	6943690	77.3	8.5	19.5	16.4	6.7	5.8
s4686	441002	6943657	73.7	8.4	19.4	16.4	6.7	5.8
s4687	440969	6943655	72.3	8.4	19.4	16.4	6.6	5.8
s4688	440953	6943664	72.0	8.4	19.4	16.4	6.6	5.8
s4689	440947	6943685	73.3	8.4	19.4	16.4	6.7	5.8
s4690	440955	6943702	75.0	8.4	19.4	16.4	6.7	5.8
s4691	441000	6943674	74.9	8.5	19.5	16.4	6.7	5.8
s4692	441002	6943697	76.6	8.5	19.5	16.4	6.7	5.8
s4693	441098	6943635	73.3	8.5	19.5	16.4	6.7	5.8
s4694	441095	6943662	74.9	8.5	19.5	16.4	6.7	5.8
s4695	441123	6943678	75.7	8.5	19.5	16.4	6.7	5.8
s4696	441149	6943668	75.4	8.6	19.6	16.4	6.7	5.8
s4697	441156	6943642	74.2	8.6	19.6	16.4	6.7	5.8
s4698	441193	6943670	75.2	8.6	19.7	16.4	6.7	5.8
s4699	441191	6943648	74.4	8.6	19.7	16.4	6.7	5.8
s4700	441263	6943664	73.2	8.8	19.8	16.5	6.8	5.8
s4701	441263	6943637	73.1	8.8	19.8	16.5	6.8	5.8
s4702	441333	6943637	73.2	8.9	19.9	16.5	6.8	5.8
s4703	441349	6943645	73.3	8.9	20.0	16.5	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4704	441450	6943628	73.3	9.2	20.2	16.6	6.9	5.8
s4705	441360	6943686	73.4	9.0	20.0	16.5	6.8	5.8
s4706	441406	6943697	73.5	9.0	20.0	16.5	6.8	5.8
s4707	441379	6943657	73.3	9.0	20.0	16.5	6.8	5.8
s4708	441419	6943679	73.4	9.1	20.1	16.5	6.9	5.8
s4709	441558	6943687	73.5	9.4	20.3	16.6	6.9	5.8
s4710	443674	6943702	60.8	8.2	19.1	16.3	6.6	5.7
s4711	443501	6943708	62.0	8.3	19.2	16.3	6.6	5.7
s4712	443520	6943675	61.9	8.3	19.2	16.3	6.6	5.7
s4713	443755	6943681	60.4	8.1	19.1	16.3	6.6	5.7
s4714	440043	6943549	71.3	8.2	19.1	16.3	6.6	5.7
s4715	440095	6943578	71.4	8.2	19.2	16.3	6.6	5.7
s4716	440100	6943598	71.4	8.2	19.2	16.3	6.6	5.7
s4717	440146	6943594	71.4	8.2	19.2	16.3	6.6	5.7
s4718	440145	6943583	71.4	8.2	19.2	16.3	6.6	5.7
s4719	440140	6943571	71.4	8.2	19.2	16.3	6.6	5.7
s4720	440140	6943558	71.4	8.2	19.2	16.3	6.6	5.7
s4721	440138	6943542	71.4	8.2	19.2	16.3	6.6	5.7
s4722	440228	6943549	71.5	8.2	19.2	16.3	6.6	5.7
s4723	440232	6943564	71.6	8.2	19.2	16.3	6.6	5.7
s4724	440235	6943574	71.6	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4725	440193	6943540	71.5	8.2	19.2	16.3	6.6	5.7
s4726	440195	6943548	71.5	8.2	19.2	16.3	6.6	5.7
s4727	440195	6943557	71.5	8.2	19.2	16.3	6.6	5.7
s4728	440197	6943574	71.5	8.2	19.2	16.3	6.6	5.7
s4729	440197	6943587	71.5	8.2	19.2	16.3	6.6	5.7
s4730	440198	6943604	71.5	8.2	19.2	16.3	6.6	5.7
s4731	440385	6943564	71.7	8.2	19.2	16.3	6.6	5.7
s4732	440239	6943608	71.6	8.2	19.2	16.3	6.6	5.7
s4733	440631	6943556	72.1	8.3	19.3	16.3	6.6	5.7
s4734	440476	6943618	71.8	8.3	19.3	16.3	6.6	5.7
s4735	440528	6943619	71.9	8.3	19.3	16.3	6.6	5.7
s4736	440604	6943620	72.1	8.3	19.3	16.3	6.6	5.7
s4737	440651	6943621	72.3	8.3	19.3	16.3	6.6	5.7
s4738	440638	6943598	72.1	8.3	19.3	16.3	6.6	5.7
s4739	440638	6943576	72.1	8.3	19.3	16.3	6.6	5.7
s4740	440715	6943616	72.0	8.3	19.3	16.3	6.6	5.7
s4741	440694	6943556	72.0	8.3	19.3	16.3	6.6	5.7
s4742	440684	6943581	72.1	8.3	19.3	16.3	6.6	5.7
s4743	440743	6943594	72.0	8.3	19.3	16.3	6.6	5.7
s4744	440766	6943583	71.8	8.3	19.3	16.3	6.6	5.7
s4745	440759	6943546	71.9	8.3	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s4746	440810	6943561	71.7	8.3	19.3	16.3	6.6	5.7
s4747	440940	6943617	71.6	8.4	19.4	16.4	6.6	5.8
s4748	440958	6943603	71.5	8.4	19.4	16.4	6.6	5.8
s4749	440976	6943590	71.6	8.4	19.4	16.4	6.6	5.8
s4750	441002	6943583	71.6	8.4	19.4	16.4	6.6	5.8
s4751	441037	6943621	72.4	8.4	19.4	16.4	6.7	5.8
s4752	441061	6943611	72.1	8.5	19.5	16.4	6.7	5.8
s4753	441074	6943599	72.0	8.5	19.5	16.4	6.7	5.8
s4754	441082	6943580	72.0	8.5	19.5	16.4	6.7	5.8
s4755	441097	6943564	71.9	8.5	19.5	16.4	6.7	5.8
s4756	441108	6943553	72.0	8.5	19.5	16.4	6.7	5.8
s4757	441178	6943572	72.3	8.6	19.6	16.4	6.7	5.8
s4758	441148	6943576	72.3	8.5	19.6	16.4	6.7	5.8
s4759	441128	6943601	72.2	8.5	19.5	16.4	6.7	5.8
s4760	441150	6943618	73.4	8.6	19.6	16.4	6.7	5.8
s4761	441187	6943620	72.5	8.6	19.6	16.4	6.7	5.8
s4762	441183	6943598	72.4	8.6	19.5	16.4	6.7	5.8
s4763	441244	6943613	72.8	8.7	19.8	16.4	6.8	5.8
s4764	441294	6943607	73.0	8.8	19.9	16.5	6.8	5.8
s4765	441237	6943598	72.8	8.7	19.8	16.4	6.8	5.8
s4766	441294	6943578	72.9	8.8	19.9	16.5	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4767	441230	6943576	72.7	8.7	19.8	16.4	6.8	5.8
s4768	441225	6943548	72.5	8.7	19.7	16.4	6.7	5.8
s4769	441406	6943572	73.0	9.1	20.2	16.5	6.9	5.8
s4770	441387	6943569	73.0	9.1	20.1	16.5	6.9	5.8
s4771	441367	6943575	73.0	9.1	20.1	16.5	6.9	5.8
s4772	441347	6943578	72.9	8.9	20.0	16.5	6.8	5.8
s4773	443222	6943602	64.8	8.6	19.4	16.4	6.7	5.8
s4774	443848	6943593	60.0	8.1	19.0	16.3	6.5	5.7
s4775	440031	6943487	71.2	8.1	19.1	16.3	6.6	5.7
s4776	440085	6943473	71.2	8.1	19.1	16.3	6.6	5.7
s4777	440079	6943522	71.3	8.2	19.1	16.3	6.6	5.7
s4778	440123	6943515	71.3	8.2	19.1	16.3	6.6	5.7
s4779	440142	6943508	71.3	8.2	19.1	16.3	6.6	5.7
s4780	440124	6943472	71.3	8.2	19.1	16.3	6.6	5.7
s4781	440217	6943494	71.4	8.2	19.1	16.3	6.6	5.7
s4782	440222	6943512	71.5	8.2	19.2	16.3	6.6	5.7
s4783	440231	6943527	71.5	8.2	19.2	16.3	6.6	5.7
s4784	440188	6943517	71.4	8.2	19.2	16.3	6.6	5.7
s4785	440176	6943533	71.4	8.2	19.2	16.3	6.6	5.7
s4786	440175	6943466	71.4	8.2	19.1	16.3	6.6	5.7
s4787	440399	6943463	71.6	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4788	440373	6943474	71.6	8.2	19.2	16.3	6.6	5.7
s4789	440349	6943479	71.6	8.2	19.2	16.3	6.6	5.7
s4790	440667	6943477	71.9	8.3	19.3	16.3	6.6	5.7
s4791	440677	6943497	72.0	8.3	19.3	16.3	6.6	5.7
s4792	440674	6943515	72.0	8.3	19.3	16.3	6.6	5.7
s4793	440681	6943539	72.1	8.3	19.3	16.3	6.6	5.7
s4794	440623	6943467	71.8	8.2	19.2	16.3	6.6	5.7
s4795	440625	6943480	71.9	8.3	19.2	16.3	6.6	5.7
s4796	440626	6943500	72.0	8.3	19.3	16.3	6.6	5.7
s4797	440628	6943514	72.0	8.3	19.3	16.3	6.6	5.7
s4798	440630	6943528	72.0	8.3	19.3	16.3	6.6	5.7
s4799	440746	6943466	71.8	8.3	19.3	16.3	6.6	5.7
s4800	440750	6943484	71.9	8.3	19.3	16.3	6.6	5.7
s4801	440751	6943506	71.9	8.3	19.3	16.3	6.6	5.7
s4802	440798	6943480	71.8	8.3	19.3	16.3	6.6	5.7
s4803	440476	6943491	71.7	8.2	19.2	16.3	6.6	5.7
s4804	440489	6943529	71.8	8.2	19.2	16.3	6.6	5.7
s4805	440757	6943526	71.9	8.3	19.3	16.3	6.6	5.7
s4806	440878	6943522	71.7	8.3	19.3	16.3	6.6	5.7
s4807	440871	6943489	71.8	8.3	19.3	16.3	6.6	5.7
s4808	440851	6943540	71.7	8.3	19.3	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4809	440934	6943488	71.8	8.3	19.3	16.3	6.6	5.7
s4810	440805	6943520	71.8	8.3	19.3	16.3	6.6	5.7
s4811	440806	6943537	71.8	8.3	19.3	16.3	6.6	5.7
s4812	441062	6943524	71.7	8.4	19.4	16.4	6.6	5.8
s4813	441082	6943495	71.6	8.4	19.4	16.4	6.6	5.8
s4814	441157	6943469	71.8	8.5	19.5	16.4	6.7	5.8
s4815	441165	6943492	72.0	8.5	19.5	16.4	6.7	5.8
s4816	441166	6943509	72.0	8.5	19.5	16.4	6.7	5.8
s4817	441170	6943527	72.1	8.5	19.6	16.4	6.7	5.8
s4818	441124	6943532	72.0	8.5	19.5	16.4	6.7	5.8
s4819	441278	6943536	72.6	8.7	19.8	16.4	6.8	5.8
s4820	441216	6943521	72.3	8.6	19.6	16.4	6.7	5.8
s4821	441289	6943508	72.5	8.8	19.8	16.4	6.8	5.8
s4822	441213	6943501	72.2	8.6	19.6	16.4	6.7	5.8
s4823	441283	6943487	72.3	8.7	19.7	16.4	6.7	5.8
s4824	441208	6943479	72.1	8.6	19.6	16.4	6.7	5.8
s4825	441274	6943471	72.2	8.6	19.7	16.4	6.7	5.8
s4826	441208	6943466	72.0	8.6	19.6	16.4	6.7	5.8
s4827	441332	6943482	72.4	8.8	19.8	16.5	6.8	5.8
s4828	441336	6943531	72.7	8.9	19.9	16.5	6.8	5.8
s4829	441355	6943534	72.7	8.9	20.0	16.5	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s4830	441375	6943527	72.7	9.0	20.1	16.5	6.9	5.8
s4831	441395	6943514	72.7	9.0	20.1	16.5	6.9	5.8
s4832	441415	6943513	72.7	9.0	20.1	16.5	6.9	5.8
s4833	443841	6943547	60.0	8.1	19.0	16.3	6.5	5.7
s4834	443777	6943545	60.3	8.1	19.1	16.3	6.5	5.7
s4835	443827	6943511	60.1	8.1	19.0	16.3	6.5	5.7
s4836	443742	6943494	60.5	8.1	19.1	16.3	6.5	5.7
s4837	440023	6943422	71.0	8.1	19.1	16.3	6.6	5.7
s4838	440079	6943436	71.2	8.1	19.1	16.3	6.6	5.7
s4839	440080	6943458	71.2	8.1	19.1	16.3	6.6	5.7
s4840	440224	6943448	71.4	8.2	19.1	16.3	6.6	5.7
s4841	440155	6943382	71.2	8.1	19.1	16.3	6.6	5.7
s4842	440170	6943397	71.2	8.1	19.1	16.3	6.6	5.7
s4843	440176	6943440	71.3	8.2	19.1	16.3	6.6	5.7
s4844	440209	6943404	71.3	8.1	19.1	16.3	6.6	5.7
s4845	440204	6943420	71.3	8.2	19.1	16.3	6.6	5.7
s4846	440291	6943427	71.5	8.2	19.1	16.3	6.6	5.7
s4847	440313	6943427	71.5	8.2	19.1	16.3	6.6	5.7
s4848	440338	6943415	71.5	8.2	19.1	16.3	6.6	5.7
s4849	440386	6943415	71.5	8.2	19.2	16.3	6.6	5.7
s4850	440430	6943414	71.6	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4851	440433	6943390	71.6	8.2	19.2	16.3	6.6	5.7
s4852	440463	6943410	71.6	8.2	19.2	16.3	6.6	5.7
s4853	440480	6943406	71.6	8.2	19.2	16.3	6.6	5.7
s4854	440496	6943400	71.6	8.2	19.2	16.3	6.6	5.7
s4855	440516	6943400	71.6	8.2	19.2	16.3	6.6	5.7
s4856	440529	6943393	71.6	8.2	19.2	16.3	6.6	5.7
s4857	440545	6943396	71.6	8.2	19.2	16.3	6.6	5.7
s4858	440558	6943396	71.6	8.2	19.2	16.3	6.6	5.7
s4859	440446	6943460	71.6	8.2	19.2	16.3	6.6	5.7
s4860	440475	6943454	71.6	8.2	19.2	16.3	6.6	5.7
s4861	440498	6943449	71.6	8.2	19.2	16.3	6.6	5.7
s4862	440524	6943446	71.7	8.2	19.2	16.3	6.6	5.7
s4863	440543	6943441	71.7	8.2	19.2	16.3	6.6	5.7
s4864	440566	6943443	71.7	8.2	19.2	16.3	6.6	5.7
s4865	440586	6943429	71.7	8.2	19.2	16.3	6.6	5.7
s4866	440620	6943422	71.8	8.2	19.2	16.3	6.6	5.7
s4867	440567	6943395	71.7	8.2	19.2	16.3	6.6	5.7
s4868	440580	6943392	71.7	8.2	19.2	16.3	6.6	5.7
s4869	440597	6943389	71.7	8.2	19.2	16.3	6.6	5.7
s4870	440664	6943417	71.8	8.2	19.2	16.3	6.6	5.7
s4871	440664	6943441	71.9	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4872	440669	6943456	71.9	8.3	19.2	16.3	6.6	5.7
s4873	440622	6943436	71.8	8.2	19.2	16.3	6.6	5.7
s4874	440621	6943449	71.8	8.2	19.2	16.3	6.6	5.7
s4875	440718	6943408	71.8	8.2	19.2	16.3	6.6	5.7
s4876	440737	6943405	71.8	8.2	19.2	16.3	6.6	5.7
s4877	440743	6943448	71.8	8.3	19.2	16.3	6.6	5.7
s4878	440858	6943392	71.8	8.3	19.2	16.3	6.6	5.7
s4879	440839	6943395	71.8	8.3	19.2	16.3	6.6	5.7
s4880	440820	6943396	71.8	8.3	19.2	16.3	6.6	5.7
s4881	440801	6943398	71.8	8.3	19.2	16.3	6.6	5.7
s4882	440779	6943403	71.9	8.3	19.2	16.3	6.6	5.7
s4883	440789	6943440	71.8	8.3	19.2	16.3	6.6	5.7
s4884	440859	6943427	71.9	8.3	19.3	16.3	6.6	5.7
s4885	440793	6943459	71.8	8.3	19.3	16.3	6.6	5.7
s4886	440863	6943448	71.9	8.3	19.3	16.3	6.6	5.7
s4887	441104	6943458	71.6	8.4	19.4	16.4	6.6	5.8
s4888	441125	6943427	71.7	8.4	19.4	16.4	6.6	5.8
s4889	441142	6943419	71.6	8.4	19.4	16.4	6.6	5.8
s4890	441272	6943448	72.1	8.6	19.6	16.4	6.7	5.8
s4891	441206	6943439	71.8	8.5	19.5	16.4	6.7	5.8
s4892	441192	6943399	71.6	8.4	19.4	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4893	441219	6943395	71.6	8.5	19.5	16.4	6.7	5.8
s4894	441338	6943445	72.2	8.7	19.8	16.4	6.8	5.8
s4895	441339	6943464	72.3	8.7	19.8	16.4	6.8	5.8
s4896	443824	6943466	60.1	8.1	19.0	16.3	6.5	5.7
s4897	443748	6943423	60.4	8.1	19.0	16.3	6.5	5.7
s4898	443826	6943421	60.1	8.1	19.0	16.3	6.5	5.7
s4899	440148	6943347	71.1	8.1	19.1	16.3	6.6	5.7
s4900	440152	6943370	71.1	8.1	19.1	16.3	6.6	5.7
s4901	440201	6943379	71.2	8.1	19.1	16.3	6.6	5.7
s4902	440058	6943342	70.9	8.1	19.1	16.3	6.6	5.7
s4903	440431	6943370	71.5	8.2	19.1	16.3	6.6	5.7
s4904	440432	6943350	71.5	8.2	19.1	16.3	6.6	5.7
s4905	440614	6943383	71.7	8.2	19.2	16.3	6.6	5.7
s4906	440600	6943348	71.7	8.2	19.2	16.3	6.6	5.7
s4907	440599	6943325	71.6	8.2	19.2	16.3	6.6	5.7
s4908	440591	6943307	71.6	8.2	19.1	16.3	6.6	5.7
s4909	440648	6943317	71.7	8.2	19.2	16.3	6.6	5.7
s4910	440651	6943339	71.7	8.2	19.2	16.3	6.6	5.7
s4911	440651	6943377	71.8	8.2	19.2	16.3	6.6	5.7
s4912	440681	6943372	71.8	8.2	19.2	16.3	6.6	5.7
s4913	440804	6943338	71.8	8.2	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4914	441127	6943306	71.4	8.3	19.2	16.3	6.6	5.7
s4915	441064	6943314	71.6	8.3	19.2	16.3	6.6	5.7
s4916	441042	6943319	71.6	8.3	19.2	16.3	6.6	5.7
s4917	441023	6943319	71.6	8.3	19.2	16.3	6.6	5.7
s4918	441036	6943365	71.6	8.3	19.3	16.3	6.6	5.7
s4919	440968	6943320	71.7	8.3	19.2	16.3	6.6	5.7
s4920	440939	6943331	71.7	8.3	19.2	16.3	6.6	5.7
s4921	440919	6943332	71.7	8.2	19.2	16.3	6.6	5.7
s4922	440900	6943331	71.7	8.2	19.2	16.3	6.6	5.7
s4923	440997	6943369	71.7	8.3	19.3	16.3	6.6	5.7
s4924	440969	6943373	71.7	8.3	19.3	16.3	6.6	5.7
s4925	440945	6943383	71.8	8.3	19.3	16.3	6.6	5.7
s4926	440900	6943383	71.8	8.3	19.2	16.3	6.6	5.7
s4927	441260	6943375	71.6	8.5	19.4	16.4	6.7	5.8
s4928	441647	6943337	71.8	9.1	20.1	16.5	6.9	5.8
s4929	443770	6943370	60.3	8.1	19.0	16.3	6.5	5.7
s4930	443774	6943329	60.2	8.1	19.0	16.3	6.5	5.7
s4931	443824	6943352	60.0	8.1	19.0	16.3	6.5	5.7
s4932	444043	6943334	59.3	8.0	19.0	16.3	6.5	5.7
s4933	439960	6943240	70.7	8.1	19.0	16.3	6.6	5.7
s4934	440042	6943251	70.8	8.1	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s4935	440130	6943246	70.9	8.1	19.1	16.3	6.6	5.7
s4936	440097	6943250	70.9	8.1	19.1	16.3	6.6	5.7
s4937	440073	6943249	70.8	8.1	19.1	16.3	6.6	5.7
s4938	440665	6943257	71.7	8.2	19.1	16.3	6.6	5.7
s4939	440645	6943298	71.7	8.2	19.2	16.3	6.6	5.7
s4940	441014	6943241	71.6	8.2	19.2	16.3	6.6	5.7
s4941	441022	6943260	71.6	8.2	19.2	16.3	6.6	5.7
s4942	441020	6943280	71.6	8.2	19.2	16.3	6.6	5.7
s4943	440882	6943230	71.7	8.2	19.1	16.3	6.6	5.7
s4944	440972	6943248	71.6	8.2	19.2	16.3	6.6	5.7
s4945	440974	6943266	71.6	8.2	19.2	16.3	6.6	5.7
s4946	440903	6943269	71.6	8.2	19.2	16.3	6.6	5.7
s4947	443819	6943306	60.0	8.1	19.0	16.3	6.5	5.7
s4948	440028	6943191	70.7	8.1	19.0	16.3	6.6	5.7
s4949	440121	6943150	70.7	8.1	19.0	16.3	6.5	5.7
s4950	440026	6943211	70.7	8.1	19.0	16.3	6.6	5.7
s4951	440124	6943172	70.8	8.1	19.0	16.3	6.6	5.7
s4952	440129	6943198	70.8	8.1	19.0	16.3	6.6	5.7
s4953	440131	6943218	70.8	8.1	19.0	16.3	6.6	5.7
s4954	440463	6943215	71.4	8.1	19.1	16.3	6.6	5.7
s4955	440019	6943153	70.6	8.1	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s4956	440951	6943161	71.5	8.2	19.1	16.3	6.5	5.7
s4957	440934	6943162	71.6	8.2	19.1	16.3	6.5	5.7
s4958	440907	6943173	71.6	8.2	19.1	16.3	6.5	5.7
s4959	440883	6943177	71.6	8.2	19.1	16.3	6.5	5.7
s4960	440861	6943176	71.6	8.2	19.1	16.3	6.5	5.7
s4961	440819	6943191	71.7	8.2	19.1	16.3	6.5	5.7
s4962	440802	6943184	71.6	8.2	19.1	16.3	6.5	5.7
s4963	440794	6943185	71.6	8.2	19.1	16.3	6.5	5.7
s4964	440780	6943189	71.7	8.2	19.1	16.3	6.5	5.7
s4965	440772	6943189	71.7	8.2	19.1	16.3	6.5	5.7
s4966	440993	6943160	71.5	8.2	19.1	16.3	6.5	5.7
s4967	441013	6943152	71.5	8.2	19.1	16.3	6.5	5.7
s4968	441045	6943147	71.5	8.2	19.1	16.3	6.5	5.7
s4969	441074	6943147	71.4	8.2	19.1	16.3	6.5	5.7
s4970	441205	6943175	71.1	8.2	19.2	16.3	6.6	5.7
s4971	441185	6943175	71.2	8.2	19.2	16.3	6.6	5.7
s4972	441166	6943179	71.2	8.2	19.2	16.3	6.6	5.7
s4973	441145	6943183	71.3	8.2	19.2	16.3	6.6	5.7
s4974	441126	6943187	71.3	8.2	19.2	16.3	6.6	5.7
s4975	441083	6943191	71.4	8.2	19.2	16.3	6.6	5.7
s4976	441068	6943193	71.4	8.2	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s4977	441045	6943199	71.5	8.2	19.1	16.3	6.6	5.7
s4978	441028	6943200	71.5	8.2	19.1	16.3	6.6	5.7
s4979	441007	6943204	71.5	8.2	19.1	16.3	6.6	5.7
s4980	440962	6943212	71.5	8.2	19.1	16.3	6.5	5.7
s4981	440943	6943216	71.6	8.2	19.1	16.3	6.6	5.7
s4982	440923	6943217	71.6	8.2	19.1	16.3	6.6	5.7
s4983	440903	6943221	71.6	8.2	19.1	16.3	6.6	5.7
s4984	441508	6943153	70.1	8.3	19.2	16.3	6.6	5.7
s4985	441514	6943181	70.1	8.4	19.2	16.3	6.6	5.7
s4986	441514	6943199	70.2	8.4	19.3	16.4	6.6	5.8
s4987	441522	6943226	70.2	8.4	19.3	16.4	6.6	5.8
s4988	443768	6943238	60.2	8.1	19.0	16.3	6.5	5.7
s4989	443818	6943224	60.0	8.1	19.0	16.3	6.5	5.7
s4990	443829	6943185	60.0	8.1	19.0	16.3	6.5	5.7
s4991	443766	6943166	60.2	8.1	19.0	16.3	6.5	5.7
s4992	440121	6943124	70.7	8.1	19.0	16.3	6.5	5.7
s4993	440117	6943137	70.7	8.1	19.0	16.3	6.5	5.7
s4994	440114	6943099	70.6	8.1	19.0	16.3	6.5	5.7
s4995	440092	6943102	70.6	8.1	19.0	16.3	6.5	5.7
s4996	440018	6943141	70.6	8.1	19.0	16.3	6.5	5.7
s4997	440878	6943144	71.6	8.2	19.1	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s4998	440876	6943127	71.6	8.2	19.1	16.3	6.5	5.7
s4999	440875	6943114	71.6	8.1	19.1	16.3	6.5	5.7
s5000	440872	6943097	71.6	8.1	19.1	16.3	6.5	5.7
s5001	440870	6943081	71.6	8.1	19.1	16.3	6.5	5.7
s5002	440907	6943137	71.6	8.2	19.1	16.3	6.5	5.7
s5003	440904	6943121	71.6	8.2	19.1	16.3	6.5	5.7
s5004	440901	6943105	71.6	8.1	19.1	16.3	6.5	5.7
s5005	440898	6943090	71.6	8.1	19.1	16.3	6.5	5.7
s5006	440897	6943074	71.5	8.1	19.1	16.3	6.5	5.7
s5007	440937	6943077	71.6	8.1	19.1	16.3	6.5	5.7
s5008	440939	6943094	71.6	8.2	19.1	16.3	6.5	5.7
s5009	440942	6943117	71.6	8.2	19.1	16.3	6.5	5.7
s5010	440995	6943117	71.5	8.2	19.1	16.3	6.5	5.7
s5011	440991	6943104	71.5	8.2	19.1	16.3	6.5	5.7
s5012	440985	6943088	71.5	8.2	19.1	16.3	6.5	5.7
s5013	440984	6943072	71.5	8.2	19.1	16.3	6.5	5.7
s5014	441090	6943137	71.4	8.2	19.1	16.3	6.5	5.7
s5015	441112	6943144	71.3	8.2	19.1	16.3	6.5	5.7
s5016	441134	6943137	71.3	8.2	19.1	16.3	6.5	5.7
s5017	441155	6943140	71.2	8.2	19.1	16.3	6.5	5.7
s5018	441453	6943087	70.4	8.3	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5019	441429	6943090	70.5	8.3	19.2	16.3	6.6	5.7
s5020	441410	6943093	70.5	8.3	19.2	16.3	6.6	5.7
s5021	441371	6943092	70.6	8.3	19.2	16.3	6.6	5.7
s5022	441353	6943104	70.7	8.3	19.2	16.3	6.6	5.7
s5023	441351	6943092	70.7	8.2	19.2	16.3	6.6	5.7
s5024	441331	6943095	70.7	8.2	19.1	16.3	6.6	5.7
s5025	441333	6943104	70.7	8.2	19.2	16.3	6.6	5.7
s5026	441310	6943108	70.7	8.2	19.1	16.3	6.5	5.7
s5027	441289	6943114	70.8	8.2	19.1	16.3	6.5	5.7
s5028	441275	6943114	70.8	8.2	19.1	16.3	6.5	5.7
s5029	441249	6943121	70.9	8.2	19.1	16.3	6.5	5.7
s5030	441237	6943123	70.9	8.2	19.1	16.3	6.5	5.7
s5031	441216	6943127	71.0	8.2	19.1	16.3	6.5	5.7
s5032	441196	6943130	71.0	8.2	19.1	16.3	6.5	5.7
s5033	441794	6943084	69.1	8.5	19.4	16.4	6.6	5.8
s5034	441813	6943080	68.7	8.5	19.4	16.4	6.6	5.8
s5035	441832	6943072	68.4	8.5	19.4	16.4	6.6	5.8
s5036	441772	6943091	69.5	8.5	19.4	16.4	6.6	5.8
s5037	441753	6943095	69.6	8.5	19.3	16.4	6.6	5.8
s5038	441737	6943102	69.6	8.5	19.3	16.4	6.6	5.8
s5039	441689	6943114	69.7	8.5	19.3	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5040	441649	6943070	69.9	8.4	19.3	16.4	6.6	5.8
s5041	441672	6943118	69.8	8.5	19.3	16.4	6.6	5.8
s5042	441645	6943121	69.8	8.4	19.3	16.4	6.6	5.8
s5043	441631	6943124	69.9	8.4	19.3	16.4	6.6	5.8
s5044	441604	6943129	69.9	8.4	19.3	16.4	6.6	5.8
s5045	441583	6943133	70.0	8.4	19.3	16.4	6.6	5.8
s5046	441611	6943077	69.9	8.4	19.3	16.4	6.6	5.8
s5047	441577	6943078	70.0	8.4	19.2	16.3	6.6	5.7
s5048	441592	6943081	70.0	8.4	19.3	16.3	6.6	5.8
s5049	441531	6943083	70.1	8.3	19.2	16.3	6.6	5.7
s5050	441499	6943078	70.2	8.3	19.2	16.3	6.6	5.7
s5051	441531	6943136	70.1	8.3	19.2	16.3	6.6	5.7
s5052	441507	6943136	70.2	8.3	19.2	16.3	6.6	5.7
s5053	440014	6943122	70.5	8.1	19.0	16.3	6.5	5.7
s5054	440015	6943098	70.5	8.0	19.0	16.3	6.5	5.7
s5055	440010	6943086	70.5	8.0	19.0	16.3	6.5	5.7
s5056	440009	6943073	70.5	8.0	19.0	16.3	6.5	5.7
s5057	440111	6943082	70.6	8.1	19.0	16.3	6.5	5.7
s5058	440111	6943066	70.6	8.1	19.0	16.3	6.5	5.7
s5059	444015	6943155	59.4	8.0	19.0	16.3	6.5	5.7
s5060	443816	6943131	60.0	8.1	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5061	440922	6942992	71.5	8.1	19.0	16.3	6.5	5.7
s5062	440856	6942992	71.5	8.1	19.0	16.3	6.5	5.7
s5063	440859	6943007	71.5	8.1	19.0	16.3	6.5	5.7
s5064	440884	6942991	71.5	8.1	19.0	16.3	6.5	5.7
s5065	440888	6943008	71.5	8.1	19.0	16.3	6.5	5.7
s5066	440867	6943065	71.5	8.1	19.1	16.3	6.5	5.7
s5067	440865	6943050	71.5	8.1	19.1	16.3	6.5	5.7
s5068	440895	6943058	71.5	8.1	19.1	16.3	6.5	5.7
s5069	440891	6943042	71.5	8.1	19.1	16.3	6.5	5.7
s5070	440915	6943039	71.5	8.1	19.1	16.3	6.5	5.7
s5071	440933	6943038	71.5	8.1	19.1	16.3	6.5	5.7
s5072	440935	6943062	71.5	8.1	19.1	16.3	6.5	5.7
s5073	440976	6943033	71.5	8.1	19.1	16.3	6.5	5.7
s5074	440982	6943056	71.5	8.1	19.1	16.3	6.5	5.7
s5075	440994	6943030	71.5	8.1	19.1	16.3	6.5	5.7
s5076	441015	6943028	71.4	8.1	19.1	16.3	6.5	5.7
s5077	441035	6943027	71.4	8.1	19.1	16.3	6.5	5.7
s5078	441053	6943026	71.4	8.2	19.1	16.3	6.5	5.7
s5079	441073	6943017	71.4	8.2	19.1	16.3	6.5	5.7
s5080	441115	6943011	71.3	8.2	19.1	16.3	6.5	5.7
s5081	441135	6943009	71.2	8.2	19.1	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5082	441174	6943002	71.2	8.2	19.1	16.3	6.5	5.7
s5083	441194	6943000	71.1	8.2	19.1	16.3	6.5	5.7
s5084	441213	6942993	71.1	8.2	19.1	16.3	6.5	5.7
s5085	441235	6942992	71.0	8.2	19.1	16.3	6.5	5.7
s5086	441254	6942997	71.0	8.2	19.1	16.3	6.5	5.7
s5087	441274	6942990	70.9	8.2	19.1	16.3	6.5	5.7
s5088	441345	6943062	70.7	8.2	19.1	16.3	6.5	5.7
s5089	441345	6943052	70.7	8.2	19.1	16.3	6.5	5.7
s5090	441324	6943055	70.7	8.2	19.1	16.3	6.5	5.7
s5091	441326	6943067	70.7	8.2	19.1	16.3	6.5	5.7
s5092	442061	6943012	66.2	8.8	19.6	16.5	6.7	5.8
s5093	442037	6943016	66.3	8.8	19.5	16.5	6.7	5.8
s5094	442017	6943019	66.4	8.8	19.5	16.4	6.7	5.8
s5095	442001	6943023	66.3	8.7	19.5	16.4	6.7	5.8
s5096	441979	6943026	66.6	8.7	19.5	16.4	6.7	5.8
s5097	441959	6943031	66.7	8.7	19.4	16.4	6.7	5.8
s5098	441910	6943048	67.3	8.6	19.4	16.4	6.6	5.8
s5099	441893	6943051	67.6	8.6	19.4	16.4	6.6	5.8
s5100	441869	6943061	67.8	8.6	19.4	16.4	6.6	5.8
s5101	441854	6943069	68.0	8.6	19.4	16.4	6.6	5.8
s5102	441894	6943000	68.0	8.6	19.4	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5103	441870	6943009	68.5	8.6	19.4	16.4	6.6	5.8
s5104	441826	6943025	69.1	8.5	19.4	16.4	6.6	5.8
s5105	441826	6943009	69.3	8.5	19.4	16.4	6.6	5.8
s5106	441821	6942991	69.5	8.5	19.3	16.4	6.6	5.8
s5107	441793	6942998	69.6	8.5	19.3	16.4	6.6	5.8
s5108	441797	6943017	69.5	8.5	19.3	16.4	6.6	5.8
s5109	441799	6943037	69.5	8.5	19.3	16.4	6.6	5.8
s5110	441746	6943004	69.7	8.4	19.3	16.4	6.6	5.8
s5111	441747	6943023	69.6	8.5	19.3	16.4	6.6	5.8
s5112	441752	6943045	69.6	8.5	19.3	16.4	6.6	5.8
s5113	441724	6943050	69.7	8.5	19.3	16.4	6.6	5.8
s5114	441720	6943029	69.7	8.4	19.3	16.4	6.6	5.8
s5115	441718	6943009	69.7	8.4	19.3	16.4	6.6	5.8
s5116	441679	6943057	69.8	8.4	19.3	16.4	6.6	5.8
s5117	441676	6943032	69.8	8.4	19.3	16.4	6.6	5.8
s5118	441675	6943013	69.8	8.4	19.3	16.4	6.6	5.8
s5119	441670	6942990	69.9	8.4	19.3	16.4	6.6	5.8
s5120	441642	6943001	69.9	8.4	19.2	16.3	6.6	5.7
s5121	441643	6943019	69.9	8.4	19.2	16.3	6.6	5.8
s5122	441651	6943039	69.9	8.4	19.3	16.4	6.6	5.8
s5123	441663	6943068	69.8	8.4	19.3	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5124	441602	6943051	70.0	8.4	19.2	16.3	6.6	5.7
s5125	441600	6943030	70.0	8.4	19.2	16.3	6.6	5.7
s5126	441595	6943012	70.1	8.3	19.2	16.3	6.6	5.7
s5127	441594	6942992	70.1	8.3	19.2	16.3	6.6	5.7
s5128	441563	6942995	70.1	8.3	19.2	16.3	6.6	5.7
s5129	441571	6943015	70.1	8.3	19.2	16.3	6.6	5.7
s5130	441572	6943035	70.1	8.3	19.2	16.3	6.6	5.7
s5131	441574	6943055	70.1	8.3	19.2	16.3	6.6	5.7
s5132	441517	6943005	70.3	8.3	19.2	16.3	6.6	5.7
s5133	441519	6943026	70.2	8.3	19.2	16.3	6.6	5.7
s5134	441520	6943044	70.2	8.3	19.2	16.3	6.6	5.7
s5135	441524	6943063	70.2	8.3	19.2	16.3	6.6	5.7
s5136	441485	6942991	70.4	8.3	19.2	16.3	6.6	5.7
s5137	441486	6943013	70.3	8.3	19.2	16.3	6.6	5.7
s5138	441491	6943036	70.3	8.3	19.2	16.3	6.6	5.7
s5139	441492	6943061	70.3	8.3	19.2	16.3	6.6	5.7
s5140	440006	6943059	70.4	8.0	19.0	16.3	6.5	5.7
s5141	440108	6943053	70.6	8.0	19.0	16.3	6.5	5.7
s5142	440107	6943037	70.5	8.0	19.0	16.3	6.5	5.7
s5143	440086	6943008	70.5	8.0	19.0	16.3	6.5	5.7
s5144	440002	6943043	70.4	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5145	440013	6943023	70.4	8.0	19.0	16.3	6.5	5.7
s5146	443999	6943078	59.5	8.1	19.0	16.3	6.5	5.7
s5147	443815	6943072	60.1	8.1	19.0	16.3	6.5	5.7
s5148	443751	6943044	60.3	8.1	19.0	16.3	6.5	5.7
s5149	440916	6942930	71.4	8.1	19.0	16.3	6.5	5.7
s5150	440917	6942950	71.4	8.1	19.0	16.3	6.5	5.7
s5151	440920	6942970	71.5	8.1	19.0	16.3	6.5	5.7
s5152	440874	6942930	71.4	8.1	19.0	16.3	6.5	5.7
s5153	440847	6942929	71.4	8.1	19.0	16.3	6.5	5.7
s5154	440849	6942945	71.4	8.1	19.0	16.3	6.5	5.7
s5155	440850	6942962	71.5	8.1	19.0	16.3	6.5	5.7
s5156	440852	6942978	71.5	8.1	19.0	16.3	6.5	5.7
s5157	440876	6942946	71.4	8.1	19.0	16.3	6.5	5.7
s5158	440878	6942961	71.4	8.1	19.0	16.3	6.5	5.7
s5159	440883	6942977	71.5	8.1	19.0	16.3	6.5	5.7
s5160	441294	6942980	70.9	8.2	19.1	16.3	6.5	5.7
s5161	441314	6942981	70.8	8.2	19.1	16.3	6.5	5.7
s5162	441333	6942975	70.8	8.2	19.1	16.3	6.5	5.7
s5163	441350	6942975	70.7	8.2	19.1	16.3	6.5	5.7
s5164	441373	6942976	70.7	8.2	19.1	16.3	6.5	5.7
s5165	441393	6942969	70.6	8.2	19.1	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5166	441410	6942965	70.6	8.2	19.1	16.3	6.5	5.7
s5167	441429	6942961	70.5	8.2	19.1	16.3	6.5	5.7
s5168	441475	6942947	70.4	8.2	19.1	16.3	6.5	5.7
s5169	441510	6942939	70.3	8.3	19.1	16.3	6.5	5.7
s5170	441556	6942936	70.2	8.3	19.1	16.3	6.6	5.7
s5171	441584	6942933	70.2	8.3	19.2	16.3	6.6	5.7
s5172	441629	6942922	70.1	8.3	19.2	16.3	6.6	5.7
s5173	441656	6942914	70.0	8.3	19.2	16.3	6.6	5.7
s5174	441811	6942915	69.6	8.4	19.3	16.4	6.6	5.8
s5175	441855	6942921	69.5	8.5	19.3	16.4	6.6	5.8
s5176	441888	6942933	68.7	8.5	19.3	16.4	6.6	5.8
s5177	441938	6942940	67.6	8.5	19.3	16.4	6.6	5.8
s5178	441968	6942939	67.1	8.5	19.4	16.4	6.6	5.8
s5179	441985	6942938	66.9	8.6	19.4	16.4	6.6	5.8
s5180	442007	6942942	66.9	8.6	19.4	16.4	6.6	5.8
s5181	442026	6942938	66.9	8.7	19.5	16.4	6.7	5.8
s5182	442052	6942935	66.6	8.7	19.5	16.4	6.7	5.8
s5183	442054	6942964	66.5	8.7	19.5	16.4	6.7	5.8
s5184	442027	6942970	66.7	8.7	19.5	16.4	6.7	5.8
s5185	442010	6942970	66.7	8.7	19.5	16.4	6.7	5.8
s5186	441989	6942976	66.5	8.6	19.4	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5187	441976	6942977	66.8	8.6	19.4	16.4	6.6	5.8
s5188	441951	6942985	67.1	8.6	19.4	16.4	6.6	5.8
s5189	441893	6942954	68.4	8.5	19.3	16.4	6.6	5.8
s5190	441897	6942974	68.2	8.6	19.4	16.4	6.6	5.8
s5191	441868	6942983	68.8	8.6	19.4	16.4	6.6	5.8
s5192	441865	6942965	69.0	8.5	19.4	16.4	6.6	5.8
s5193	441862	6942942	69.1	8.5	19.3	16.4	6.6	5.8
s5194	441821	6942974	69.5	8.5	19.3	16.4	6.6	5.8
s5195	441816	6942955	69.5	8.5	19.3	16.4	6.6	5.8
s5196	441813	6942931	69.6	8.4	19.3	16.4	6.6	5.8
s5197	441778	6942917	69.7	8.4	19.3	16.4	6.6	5.8
s5198	441783	6942935	69.6	8.4	19.3	16.4	6.6	5.8
s5199	441787	6942960	69.6	8.4	19.3	16.4	6.6	5.8
s5200	441791	6942976	69.6	8.5	19.3	16.4	6.6	5.8
s5201	441733	6942914	69.8	8.4	19.2	16.3	6.6	5.7
s5202	441732	6942943	69.7	8.4	19.2	16.4	6.6	5.8
s5203	441740	6942962	69.7	8.4	19.3	16.4	6.6	5.8
s5204	441742	6942985	69.7	8.4	19.3	16.4	6.6	5.8
s5205	441715	6942988	69.8	8.4	19.3	16.4	6.6	5.8
s5206	441712	6942969	69.8	8.4	19.3	16.4	6.6	5.8
s5207	441709	6942947	69.8	8.4	19.2	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5208	441707	6942926	69.8	8.4	19.2	16.3	6.6	5.7
s5209	441664	6942975	69.9	8.4	19.3	16.4	6.6	5.8
s5210	441664	6942956	69.9	8.4	19.2	16.3	6.6	5.7
s5211	441659	6942933	70.0	8.3	19.2	16.3	6.6	5.7
s5212	441633	6942940	70.0	8.3	19.2	16.3	6.6	5.7
s5213	441635	6942959	70.0	8.4	19.2	16.3	6.6	5.7
s5214	441639	6942980	70.0	8.4	19.2	16.3	6.6	5.7
s5215	441591	6942971	70.1	8.3	19.2	16.3	6.6	5.7
s5216	441587	6942953	70.1	8.3	19.2	16.3	6.6	5.7
s5217	441555	6942957	70.2	8.3	19.2	16.3	6.6	5.7
s5218	441561	6942975	70.2	8.3	19.2	16.3	6.6	5.7
s5219	441513	6942965	70.3	8.3	19.2	16.3	6.6	5.7
s5220	441513	6942985	70.3	8.3	19.2	16.3	6.6	5.7
s5221	441480	6942972	70.4	8.3	19.1	16.3	6.5	5.7
s5222	440188	6942909	70.5	8.0	19.0	16.3	6.5	5.7
s5223	440139	6942916	70.4	8.0	19.0	16.3	6.5	5.7
s5224	440035	6942980	70.4	8.0	19.0	16.3	6.5	5.7
s5225	443753	6942993	60.4	8.2	19.1	16.3	6.5	5.7
s5226	443798	6942945	60.3	8.2	19.0	16.3	6.5	5.7
s5227	443842	6942974	60.1	8.1	19.0	16.3	6.5	5.7
s5228	443889	6942923	60.0	8.2	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5229	440780	6942859	71.3	8.1	19.0	16.3	6.5	5.7
s5230	440770	6942881	71.3	8.1	19.0	16.3	6.5	5.7
s5231	440804	6942856	71.3	8.1	19.0	16.3	6.5	5.7
s5232	440825	6942857	71.3	8.1	19.0	16.3	6.5	5.7
s5233	440843	6942857	71.3	8.1	19.0	16.3	6.5	5.7
s5234	440865	6942853	71.4	8.1	19.0	16.3	6.5	5.7
s5235	440899	6942841	71.4	8.1	19.0	16.3	6.5	5.7
s5236	440903	6942859	71.4	8.1	19.0	16.3	6.5	5.7
s5237	441264	6942865	71.0	8.1	19.0	16.3	6.5	5.7
s5238	440905	6942877	71.4	8.1	19.0	16.3	6.5	5.7
s5239	440908	6942897	71.4	8.1	19.0	16.3	6.5	5.7
s5240	442045	6942894	67.0	8.6	19.4	16.4	6.7	5.8
s5241	442026	6942895	67.2	8.6	19.4	16.4	6.6	5.8
s5242	442006	6942896	67.3	8.6	19.4	16.4	6.6	5.8
s5243	441988	6942895	67.3	8.5	19.4	16.4	6.6	5.8
s5244	441966	6942892	67.7	8.5	19.3	16.4	6.6	5.8
s5245	441949	6942891	68.2	8.5	19.3	16.4	6.6	5.8
s5246	441928	6942892	68.5	8.5	19.3	16.4	6.6	5.8
s5247	441896	6942889	69.1	8.5	19.3	16.4	6.6	5.8
s5248	441874	6942879	69.5	8.5	19.3	16.4	6.6	5.8
s5249	441854	6942868	69.6	8.4	19.3	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5250	441837	6942858	69.6	8.4	19.3	16.4	6.6	5.8
s5251	441816	6942853	69.7	8.4	19.3	16.4	6.6	5.8
s5252	441788	6942854	69.7	8.4	19.2	16.4	6.6	5.8
s5253	441769	6942854	69.8	8.4	19.2	16.3	6.6	5.7
s5254	441750	6942853	69.8	8.4	19.2	16.3	6.6	5.7
s5255	441728	6942856	69.9	8.3	19.2	16.3	6.6	5.7
s5256	441704	6942859	69.9	8.3	19.2	16.3	6.6	5.7
s5257	441685	6942857	70.0	8.3	19.2	16.3	6.6	5.7
s5258	441660	6942867	70.0	8.3	19.2	16.3	6.6	5.7
s5259	441643	6942871	70.1	8.3	19.2	16.3	6.6	5.7
s5260	441626	6942877	70.1	8.3	19.2	16.3	6.6	5.7
s5261	441611	6942881	70.1	8.3	19.2	16.3	6.6	5.7
s5262	441592	6942879	70.2	8.3	19.2	16.3	6.6	5.7
s5263	441573	6942893	70.2	8.3	19.1	16.3	6.5	5.7
s5264	441547	6942894	70.2	8.2	19.1	16.3	6.5	5.7
s5265	441547	6942871	70.2	8.2	19.1	16.3	6.5	5.7
s5266	441546	6942847	70.3	8.2	19.1	16.3	6.5	5.7
s5267	441491	6942843	70.4	8.2	19.1	16.3	6.5	5.7
s5268	441490	6942872	70.4	8.2	19.1	16.3	6.5	5.7
s5269	441498	6942904	70.4	8.2	19.1	16.3	6.5	5.7
s5270	441462	6942840	70.5	8.2	19.1	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5271	441464	6942860	70.5	8.2	19.1	16.3	6.5	5.7
s5272	441470	6942881	70.4	8.2	19.1	16.3	6.5	5.7
s5273	441471	6942900	70.4	8.2	19.1	16.3	6.5	5.7
s5274	441702	6942905	69.9	8.3	19.2	16.3	6.6	5.7
s5275	441730	6942899	69.8	8.4	19.2	16.3	6.6	5.7
s5276	441780	6942899	69.7	8.4	19.2	16.4	6.6	5.8
s5277	441806	6942895	69.6	8.4	19.3	16.4	6.6	5.8
s5278	440198	6942884	70.5	8.0	19.0	16.3	6.5	5.7
s5279	440198	6942870	70.5	8.0	19.0	16.3	6.5	5.7
s5280	440135	6942897	70.4	8.0	19.0	16.3	6.5	5.7
s5281	443823	6942903	60.3	8.2	19.1	16.3	6.5	5.7
s5282	443841	6942842	60.4	8.2	19.1	16.3	6.5	5.7
s5283	443931	6942870	60.0	8.2	19.0	16.3	6.5	5.7
s5284	444173	6942859	59.3	8.1	19.0	16.3	6.5	5.7
s5285	444075	6942897	59.5	8.1	19.0	16.3	6.5	5.7
s5286	440693	6942821	71.2	8.1	19.0	16.3	6.5	5.7
s5287	440748	6942769	71.2	8.0	19.0	16.3	6.5	5.7
s5288	440741	6942819	71.2	8.1	19.0	16.3	6.5	5.7
s5289	440796	6942799	71.3	8.1	19.0	16.3	6.5	5.7
s5290	440834	6942798	71.3	8.1	19.0	16.3	6.5	5.7
s5291	440854	6942785	71.3	8.1	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5292	440880	6942775	71.3	8.1	19.0	16.3	6.5	5.7
s5293	440908	6942770	71.3	8.1	19.0	16.3	6.5	5.7
s5294	440939	6942789	71.4	8.1	19.0	16.3	6.5	5.7
s5295	440973	6942782	71.3	8.1	19.0	16.3	6.5	5.7
s5296	440952	6942768	71.3	8.1	19.0	16.3	6.5	5.7
s5297	440997	6942778	71.3	8.1	19.0	16.3	6.5	5.7
s5298	441017	6942776	71.3	8.1	19.0	16.3	6.5	5.7
s5299	441037	6942770	71.2	8.1	19.0	16.3	6.5	5.7
s5300	441055	6942769	71.2	8.1	19.0	16.3	6.5	5.7
s5301	441082	6942765	71.2	8.1	19.0	16.3	6.5	5.7
s5302	441115	6942759	71.2	8.1	19.0	16.3	6.5	5.7
s5303	441149	6942757	71.2	8.1	19.0	16.3	6.5	5.7
s5304	441173	6942754	71.1	8.1	19.0	16.3	6.5	5.7
s5305	441727	6942761	70.0	8.3	19.2	16.3	6.6	5.7
s5306	441677	6942772	70.1	8.3	19.2	16.3	6.6	5.7
s5307	441905	6942805	69.6	8.5	19.3	16.4	6.6	5.8
s5308	441967	6942787	69.5	8.6	19.4	16.4	6.6	5.8
s5309	441511	6942830	70.4	8.2	19.1	16.3	6.5	5.7
s5310	443937	6942795	60.1	8.2	19.1	16.3	6.5	5.7
s5311	444202	6942782	59.4	8.1	19.0	16.3	6.5	5.7
s5312	440839	6942681	71.2	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s5313	440819	6942708	71.2	8.0	19.0	16.3	6.5	5.7
s5314	440856	6942680	71.2	8.0	19.0	16.3	6.5	5.7
s5315	440879	6942679	71.2	8.0	19.0	16.3	6.5	5.7
s5316	440896	6942677	71.2	8.0	19.0	16.3	6.5	5.7
s5317	441194	6942749	71.1	8.1	19.0	16.3	6.5	5.7
s5318	441216	6942747	71.1	8.1	19.0	16.3	6.5	5.7
s5319	441256	6942740	71.0	8.1	19.0	16.3	6.5	5.7
s5320	441275	6942735	71.0	8.1	19.0	16.3	6.5	5.7
s5321	441292	6942713	70.9	8.1	19.0	16.3	6.5	5.7
s5322	441313	6942709	70.9	8.1	19.0	16.3	6.5	5.7
s5323	441377	6942716	70.9	8.1	19.0	16.3	6.5	5.7
s5324	441649	6942673	70.3	8.3	19.2	16.3	6.6	5.7
s5325	441628	6942724	70.3	8.3	19.1	16.3	6.5	5.7
s5326	441742	6942713	70.0	8.3	19.2	16.3	6.6	5.7
s5327	441879	6942694	69.8	8.5	19.3	16.4	6.6	5.8
s5328	441893	6942733	69.7	8.5	19.4	16.4	6.6	5.8
s5329	441963	6942727	69.6	8.6	19.4	16.4	6.6	5.8
s5330	441948	6942673	69.8	8.5	19.4	16.4	6.6	5.8
s5331	444101	6942686	59.9	8.2	19.0	16.3	6.5	5.7
s5332	444261	6942743	59.3	8.1	19.0	16.3	6.5	5.7
s5333	444326	6942684	59.3	8.1	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5334	443978	6942690	60.3	8.3	19.1	16.3	6.5	5.7
s5335	440725	6942661	71.1	8.0	19.0	16.3	6.5	5.7
s5336	440915	6942647	71.2	8.0	19.0	16.3	6.5	5.7
s5337	440930	6942631	71.2	8.0	19.0	16.3	6.5	5.7
s5338	441009	6942604	71.2	8.0	19.0	16.3	6.5	5.7
s5339	441068	6942593	71.1	8.0	19.0	16.3	6.5	5.7
s5340	441031	6942607	71.1	8.0	19.0	16.3	6.5	5.7
s5341	441050	6942598	71.1	8.0	19.0	16.3	6.5	5.7
s5342	441387	6942669	70.8	8.1	19.0	16.3	6.5	5.7
s5343	441623	6942633	70.4	8.2	19.1	16.3	6.5	5.7
s5344	441715	6942617	70.3	8.3	19.2	16.3	6.6	5.7
s5345	441730	6942661	70.2	8.3	19.2	16.3	6.6	5.7
s5346	441879	6942637	70.0	8.5	19.4	16.4	6.6	5.8
s5347	441966	6942622	69.9	8.6	19.6	16.4	6.7	5.8
s5348	442325	6942605	69.6	8.8	19.7	16.5	6.7	5.8
s5349	444127	6942626	60.0	8.2	19.0	16.3	6.5	5.7
s5350	444291	6942635	59.5	8.1	19.0	16.3	6.5	5.7
s5351	444387	6942654	59.2	8.1	18.9	16.3	6.5	5.7
s5352	444435	6942631	59.1	8.0	18.9	16.3	6.5	5.7
s5353	443875	6942615	61.1	8.4	19.2	16.4	6.6	5.8
s5354	441132	6942582	71.1	8.0	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5355	441110	6942585	71.1	8.0	19.0	16.3	6.5	5.7
s5356	441086	6942588	71.1	8.0	19.0	16.3	6.5	5.7
s5357	441189	6942580	71.0	8.1	19.0	16.3	6.5	5.7
s5358	441209	6942572	71.0	8.1	19.0	16.3	6.5	5.7
s5359	441229	6942571	71.0	8.1	19.0	16.3	6.5	5.7
s5360	441251	6942566	70.9	8.1	19.0	16.3	6.5	5.7
s5361	441269	6942565	70.9	8.1	19.0	16.3	6.5	5.7
s5362	441290	6942575	70.9	8.1	19.0	16.3	6.5	5.7
s5363	441330	6942555	70.8	8.1	19.0	16.3	6.5	5.7
s5364	441352	6942556	70.8	8.1	19.0	16.3	6.5	5.7
s5365	441373	6942558	70.8	8.1	19.0	16.3	6.5	5.7
s5366	441460	6942554	70.7	8.1	19.0	16.3	6.5	5.7
s5367	441634	6942584	70.5	8.2	19.1	16.3	6.6	5.7
s5368	441965	6942519	70.3	8.6	19.6	16.4	6.7	5.8
s5369	441855	6942537	70.3	8.5	19.4	16.4	6.6	5.8
s5370	441700	6942567	70.5	8.3	19.2	16.3	6.6	5.7
s5371	441868	6942589	70.2	8.5	19.4	16.4	6.6	5.8
s5372	441948	6942567	70.2	8.6	19.6	16.4	6.7	5.8
s5373	442283	6942547	69.7	8.7	19.7	16.4	6.7	5.8
s5374	442264	6942519	69.7	8.7	19.6	16.4	6.7	5.8
s5375	442387	6942566	69.7	8.9	19.8	16.5	6.8	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5376	442382	6942523	69.7	8.8	19.8	16.5	6.8	5.8
s5377	444324	6942571	59.5	8.1	19.0	16.3	6.5	5.7
s5378	444810	6942550	58.5	8.0	18.9	16.3	6.5	5.7
s5379	441031	6942482	71.1	8.0	19.0	16.3	6.5	5.7
s5380	441396	6942444	70.8	8.1	19.0	16.3	6.5	5.7
s5381	441483	6942507	70.7	8.1	19.0	16.3	6.5	5.7
s5382	441523	6942491	70.7	8.1	19.1	16.3	6.5	5.7
s5383	441568	6942460	70.7	8.2	19.1	16.3	6.5	5.7
s5384	441750	6942510	70.6	8.3	19.3	16.3	6.6	5.7
s5385	441846	6942492	70.4	8.4	19.4	16.4	6.6	5.8
s5386	442273	6942437	69.7	8.6	19.6	16.4	6.7	5.8
s5387	442236	6942485	69.7	8.7	19.6	16.4	6.7	5.8
s5388	442189	6942467	69.8	8.7	19.7	16.4	6.7	5.8
s5389	442105	6942453	70.0	8.7	19.7	16.4	6.7	5.8
s5390	442067	6942488	70.2	8.7	19.7	16.4	6.7	5.8
s5391	442010	6942472	70.3	8.6	19.6	16.4	6.7	5.8
s5392	441980	6942480	70.4	8.6	19.6	16.4	6.7	5.8
s5393	442349	6942474	69.8	8.8	19.8	16.5	6.8	5.8
s5394	442648	6942461	69.9	9.4	20.4	16.6	7.0	5.8
s5395	442587	6942487	69.9	9.3	20.2	16.6	6.9	5.8
s5396	444319	6942505	59.7	8.1	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s5397	444327	6942467	59.8	8.1	19.0	16.3	6.5	5.7
s5398	440958	6942395	71.0	8.0	19.0	16.3	6.5	5.7
s5399	441191	6942392	71.2	8.0	19.0	16.3	6.5	5.7
s5400	441128	6942380	71.2	8.0	19.0	16.3	6.5	5.7
s5401	441612	6942432	71.0	8.2	19.2	16.3	6.6	5.7
s5402	441664	6942423	71.0	8.3	19.2	16.3	6.6	5.7
s5403	441712	6942396	70.9	8.3	19.2	16.3	6.6	5.7
s5404	441767	6942414	70.8	8.3	19.3	16.3	6.6	5.7
s5405	441814	6942414	70.8	8.4	19.3	16.3	6.6	5.7
s5406	441872	6942414	70.9	8.4	19.4	16.4	6.7	5.8
s5407	441913	6942361	70.7	8.4	19.5	16.4	6.7	5.8
s5408	441958	6942365	70.6	8.5	19.5	16.4	6.7	5.8
s5409	442001	6942380	70.4	8.6	19.6	16.4	6.7	5.8
s5410	442053	6942377	70.3	8.6	19.6	16.4	6.7	5.8
s5411	442088	6942388	70.2	8.6	19.6	16.4	6.7	5.8
s5412	442179	6942360	70.0	8.6	19.7	16.4	6.7	5.8
s5413	442226	6942403	69.8	8.6	19.6	16.4	6.7	5.8
s5414	442612	6942369	69.9	9.0	20.1	16.5	6.9	5.8
s5415	442596	6942402	69.8	9.0	20.0	16.5	6.9	5.8
s5416	444378	6942367	59.8	8.1	19.0	16.3	6.5	5.7
s5417	444327	6942388	60.0	8.1	19.0	16.3	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5418	444310	6942399	60.0	8.1	19.0	16.3	6.5	5.7
s5419	444421	6942407	59.6	8.1	19.0	16.3	6.5	5.7
s5420	444560	6942418	59.3	8.0	18.9	16.3	6.5	5.7
s5421	440839	6942334	70.8	8.0	18.9	16.3	6.5	5.7
s5422	440859	6942297	70.8	8.0	18.9	16.3	6.5	5.7
s5423	440800	6942283	70.7	8.0	18.9	16.3	6.5	5.7
s5424	441274	6942344	71.1	8.1	19.0	16.3	6.5	5.7
s5425	442138	6942350	70.1	8.6	19.6	16.4	6.7	5.8
s5426	442317	6942327	70.0	8.7	19.8	16.4	6.8	5.8
s5427	442443	6942317	69.8	8.7	19.8	16.4	6.8	5.8
s5428	442602	6942301	69.8	8.9	19.9	16.5	6.8	5.8
s5429	444367	6942331	59.9	8.1	19.0	16.3	6.5	5.7
s5430	444676	6942305	59.2	8.0	18.9	16.3	6.5	5.7
s5431	440914	6942246	70.8	8.0	18.9	16.3	6.5	5.7
s5432	440865	6942256	70.7	8.0	18.9	16.3	6.5	5.7
s5433	440869	6942229	70.7	8.0	18.9	16.2	6.5	5.7
s5434	440869	6942206	70.7	8.0	18.9	16.2	6.5	5.7
s5435	440838	6942228	70.7	8.0	18.9	16.2	6.5	5.7
s5436	440826	6942244	70.7	8.0	18.9	16.2	6.5	5.7
s5437	440809	6942267	70.7	8.0	18.9	16.2	6.5	5.7
s5438	440756	6942258	70.6	8.0	18.9	16.2	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5439	440780	6942230	70.6	8.0	18.9	16.2	6.5	5.7
s5440	440793	6942217	70.6	8.0	18.9	16.2	6.5	5.7
s5441	440811	6942196	70.6	8.0	18.9	16.2	6.5	5.7
s5442	442516	6942250	69.9	8.8	19.9	16.5	6.8	5.8
s5443	444312	6942238	60.3	8.1	19.0	16.3	6.5	5.7
s5444	444188	6942232	60.9	8.2	19.1	16.3	6.5	5.7
s5445	444245	6942267	60.5	8.1	19.0	16.3	6.5	5.7
s5446	444369	6942258	60.1	8.1	19.0	16.3	6.5	5.7
s5447	440826	6942175	70.6	8.0	18.9	16.2	6.5	5.7
s5448	440842	6942160	70.6	8.0	18.9	16.2	6.5	5.7
s5449	440877	6942152	70.6	8.0	18.9	16.2	6.5	5.7
s5450	440873	6942130	70.6	8.0	18.9	16.2	6.5	5.7
s5451	440807	6942130	70.5	8.0	18.9	16.2	6.5	5.7
s5452	444182	6942191	61.0	8.2	19.1	16.3	6.5	5.7
s5453	444284	6942193	60.5	8.1	19.0	16.3	6.5	5.7
s5454	443932	6942142	63.2	8.4	19.3	16.4	6.6	5.8
s5455	440880	6942090	70.5	8.0	18.9	16.2	6.5	5.7
s5456	440886	6942071	70.5	8.0	18.9	16.2	6.5	5.7
s5457	440887	6942045	70.4	8.0	18.9	16.2	6.5	5.7
s5458	440820	6942106	70.5	8.0	18.9	16.2	6.5	5.7
s5459	440831	6942087	70.5	8.0	18.9	16.2	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5460	440831	6942071	70.4	8.0	18.9	16.2	6.5	5.7
s5461	440867	6942035	70.4	8.0	18.9	16.2	6.5	5.7
s5462	440850	6942032	70.4	8.0	18.9	16.2	6.5	5.7
s5463	440760	6942101	70.4	8.0	18.9	16.2	6.5	5.7
s5464	440792	6942033	70.3	8.0	18.9	16.2	6.5	5.7
s5465	443997	6942058	62.5	8.3	19.2	16.3	6.6	5.7
s5466	444038	6942110	62.1	8.3	19.2	16.3	6.6	5.7
s5467	444126	6942112	61.4	8.2	19.1	16.3	6.6	5.7
s5468	444228	6942121	60.8	8.1	19.0	16.3	6.5	5.7
s5469	440776	6942027	70.3	8.0	18.9	16.2	6.5	5.7
s5470	440756	6942030	70.3	8.0	18.9	16.2	6.5	5.7
s5471	440803	6941977	70.3	7.9	18.9	16.2	6.5	5.7
s5472	444060	6941998	61.9	8.2	19.1	16.3	6.5	5.7
s5473	443884	6941910	63.1	8.3	19.1	16.3	6.6	5.7
s5474	443944	6941898	62.6	8.2	19.1	16.3	6.5	5.7
s5475	444037	6941939	62.0	8.2	19.1	16.3	6.5	5.7
s5476	440910	6941817	70.2	7.9	18.9	16.2	6.5	5.7
s5477	440969	6941797	70.2	7.9	18.9	16.2	6.5	5.7
s5478	443761	6941814	63.4	8.2	19.1	16.3	6.5	5.7
s5479	443758	6941878	64.0	8.3	19.2	16.3	6.6	5.7
s5480	443841	6941870	63.2	8.3	19.1	16.3	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5481	443905	6941865	62.7	8.2	19.1	16.3	6.5	5.7
s5482	443692	6941738	63.3	8.2	19.1	16.3	6.5	5.7
s5483	443735	6941772	63.3	8.2	19.1	16.3	6.5	5.7
s5484	443796	6941768	62.9	8.2	19.1	16.3	6.5	5.7
s5485	443837	6941798	62.8	8.2	19.1	16.3	6.5	5.7
s5486	441191	6941639	70.2	7.9	18.9	16.2	6.5	5.7
s5487	440906	6941661	70.0	7.9	18.9	16.2	6.5	5.7
s5488	443613	6941686	63.5	8.2	19.1	16.3	6.6	5.7
s5489	443691	6941658	63.0	8.2	19.0	16.3	6.5	5.7
s5490	443723	6941690	63.0	8.2	19.0	16.3	6.5	5.7
s5491	443656	6941695	63.3	8.2	19.1	16.3	6.5	5.7
s5492	441884	6941590	70.6	8.0	19.0	16.2	6.5	5.7
s5493	443578	6941612	63.4	8.2	19.1	16.3	6.5	5.7
s5494	443649	6941635	63.1	8.2	19.1	16.3	6.5	5.7
s5495	441241	6941530	70.0	7.9	18.9	16.2	6.5	5.7
s5496	441408	6941521	70.2	7.9	18.9	16.2	6.5	5.7
s5497	441494	6941512	70.2	7.9	18.9	16.2	6.5	5.7
s5498	443386	6941503	64.0	8.1	19.1	16.3	6.5	5.7
s5499	442091	6941447	70.0	7.9	19.0	16.2	6.5	5.7
s5500	442234	6941449	69.8	8.0	19.0	16.2	6.5	5.7
s5501	442676	6941341	66.5	8.0	19.0	16.2	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5502	442768	6941329	66.2	8.0	19.0	16.2	6.5	5.7
s5503	443135	6941337	64.8	8.0	19.0	16.3	6.5	5.7
s5504	443303	6941385	64.2	8.1	19.0	16.3	6.5	5.7
s5505	443530	6941396	63.2	8.2	19.0	16.3	6.5	5.7
s5506	443362	6941285	63.8	8.1	19.0	16.3	6.5	5.7
s5507	442672	6941174	66.1	7.9	19.0	16.2	6.5	5.7
s5508	443369	6941139	63.6	8.0	18.9	16.3	6.5	5.7
s5509	444247	6941082	75.4	12.7	23.1	17.5	7.9	6.1
s5510	441681	6940930	69.6	7.9	18.9	16.2	6.5	5.7
s5511	441298	6940859	68.0	7.9	18.8	16.2	6.5	5.7
s5512	443802	6940853	61.7	8.3	19.1	16.3	6.5	5.7
s5513	444336	6940849	68.3	10.3	20.9	16.8	7.1	5.9
s5514	441650	6940742	69.6	7.9	18.9	16.2	6.5	5.7
s5515	443848	6943593	57.5	7.9	18.8	16.2	6.4	5.7
s5516	443841	6943547	57.5	7.9	18.8	16.2	6.4	5.7
s5517	443827	6943511	57.5	7.9	18.8	16.2	6.4	5.7
s5518	443824	6943466	57.5	7.9	18.8	16.2	6.4	5.7
s5519	443826	6943421	57.5	7.9	18.8	16.2	6.4	5.7
s5520	443824	6943352	57.5	7.9	18.8	16.2	6.4	5.7
s5521	444043	6943334	57.5	7.9	18.8	16.2	6.4	5.7
s5522	443819	6943306	57.5	7.9	18.8	16.2	6.4	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s5523	443818	6943224	57.5	7.9	18.8	16.2	6.4	5.7
s5524	443829	6943185	57.5	7.9	18.8	16.2	6.4	5.7
s5525	444015	6943155	57.5	7.9	18.8	16.2	6.4	5.7
s5526	443816	6943131	57.5	7.9	18.8	16.2	6.4	5.7
s5527	443999	6943078	57.5	7.9	18.8	16.2	6.4	5.7
s5528	443815	6943072	57.5	7.9	18.8	16.2	6.4	5.7
s5529	443798	6942945	57.5	7.9	18.8	16.2	6.4	5.7
s5530	443842	6942974	57.5	7.9	18.8	16.2	6.4	5.7
s5531	443889	6942923	57.5	7.9	18.8	16.2	6.4	5.7
s5532	443823	6942903	57.5	7.9	18.8	16.2	6.4	5.7
s5533	443841	6942842	57.5	7.9	18.8	16.2	6.4	5.7
s5534	443931	6942870	57.5	7.9	18.8	16.2	6.4	5.7
s5535	444173	6942859	57.5	7.9	18.8	16.2	6.4	5.7
s5536	444075	6942897	57.5	7.9	18.8	16.2	6.4	5.7
s5537	443937	6942795	57.5	7.9	18.8	16.2	6.4	5.7
s5538	444202	6942782	57.5	7.9	18.8	16.2	6.4	5.7
s5539	444101	6942686	57.5	7.9	18.8	16.2	6.4	5.7
s5540	444261	6942743	57.5	7.9	18.8	16.2	6.4	5.7
s5541	444326	6942684	57.5	7.9	18.8	16.2	6.4	5.7
s5542	443978	6942690	57.5	7.9	18.8	16.2	6.4	5.7
s5543	444127	6942626	57.5	7.9	18.8	16.2	6.4	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5544	444291	6942635	57.5	7.9	18.8	16.2	6.4	5.7
s5545	444387	6942654	57.5	7.9	18.8	16.2	6.4	5.7
s5546	444435	6942631	57.5	7.9	18.8	16.2	6.4	5.7
s5547	443875	6942615	57.5	7.9	18.8	16.2	6.4	5.7
s5548	444324	6942571	57.5	7.9	18.8	16.2	6.4	5.7
s5549	444810	6942550	57.5	7.9	18.8	16.2	6.5	5.7
s5550	444319	6942505	57.5	7.9	18.8	16.2	6.4	5.7
s5551	444327	6942467	57.5	7.9	18.8	16.2	6.4	5.7
s5552	444378	6942367	57.5	7.9	18.8	16.2	6.4	5.7
s5553	444327	6942388	57.5	7.9	18.8	16.2	6.4	5.7
s5554	444310	6942399	57.5	7.9	18.8	16.2	6.4	5.7
s5555	444421	6942407	57.5	7.9	18.8	16.2	6.4	5.7
s5556	444560	6942418	57.5	7.9	18.8	16.2	6.4	5.7
s5557	444367	6942331	57.5	7.9	18.9	16.2	6.5	5.7
s5558	444676	6942305	57.5	7.9	18.8	16.2	6.4	5.7
s5559	444979	6942311	57.5	7.9	18.8	16.2	6.4	5.7
s5560	445107	6942361	57.5	7.9	18.8	16.2	6.5	5.7
s5561	444312	6942238	57.5	7.9	18.9	16.2	6.5	5.7
s5562	444188	6942232	57.5	7.9	18.9	16.2	6.5	5.7
s5563	444245	6942267	57.5	7.9	18.8	16.2	6.5	5.7
s5564	444369	6942258	57.5	7.9	18.9	16.2	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5565	444858	6942271	57.5	7.9	18.9	16.2	6.5	5.7
s5566	445100	6942256	57.5	7.9	18.8	16.2	6.5	5.7
s5567	444182	6942191	57.5	8.0	18.9	16.2	6.5	5.7
s5568	444284	6942193	57.5	8.0	18.9	16.2	6.5	5.7
s5569	443932	6942142	57.5	8.0	18.9	16.2	6.5	5.7
s5570	443997	6942058	57.5	8.0	18.9	16.3	6.5	5.7
s5571	444038	6942110	57.5	8.0	18.9	16.2	6.5	5.7
s5572	444126	6942112	57.5	8.0	18.9	16.2	6.5	5.7
s5573	444228	6942121	57.5	8.0	18.9	16.2	6.5	5.7
s5574	444060	6941998	57.5	8.0	19.0	16.3	6.5	5.7
s5575	447212	6942054	57.5	7.9	18.8	16.2	6.5	5.7
s5576	443884	6941910	57.5	8.0	19.0	16.3	6.5	5.7
s5577	443944	6941898	57.5	8.1	19.0	16.3	6.5	5.7
s5578	444037	6941939	57.5	8.1	19.0	16.3	6.5	5.7
s5579	447088	6941918	57.5	7.9	18.8	16.2	6.5	5.7
s5580	443841	6941870	57.5	8.1	19.0	16.3	6.5	5.7
s5581	443905	6941865	57.5	8.1	19.0	16.3	6.5	5.7
s5582	443796	6941768	57.5	8.1	19.0	16.3	6.5	5.7
s5583	443837	6941798	57.5	8.1	19.0	16.3	6.5	5.7
s5584	450472	6941775	63.6	8.0	19.0	16.3	6.6	5.7
s5585	447180	6941653	57.6	8.0	18.9	16.2	6.5	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5586	450081	6941607	65.9	8.0	19.0	16.3	6.6	5.7
s5587	447287	6941497	57.7	8.0	18.9	16.2	6.5	5.7
s5588	446033	6941364	58.0	8.2	19.0	16.3	6.5	5.7
s5589	447031	6941372	57.7	8.0	18.9	16.3	6.5	5.7
s5590	446671	6941311	57.7	8.1	18.9	16.3	6.5	5.7
s5591	448145	6941255	61.7	8.1	19.0	16.3	6.6	5.7
s5592	448391	6941162	71.0	8.2	19.0	16.3	6.6	5.7
s5593	451115	6941122	87.9	8.7	19.4	16.4	6.9	5.8
s5594	451239	6941178	87.4	8.7	19.3	16.4	6.8	5.8
s5595	444247	6941082	75.3	12.8	23.1	17.5	7.9	6.1
s5596	447182	6941050	58.0	8.2	19.0	16.3	6.5	5.7
s5597	451294	6941024	89.3	9.0	19.5	16.4	6.9	5.8
s5598	454468	6941015	62.5	8.6	19.2	16.4	6.7	5.8
s5599	443802	6940853	57.5	8.3	19.1	16.3	6.6	5.7
s5600	447080	6940871	58.4	8.4	19.1	16.3	6.5	5.7
s5601	447250	6940872	58.3	8.3	19.0	16.3	6.5	5.7
s5602	448128	6940936	62.4	8.2	19.0	16.3	6.6	5.7
s5603	449430	6940937	76.3	8.4	19.2	16.3	6.8	5.7
s5604	451380	6940945	89.6	9.3	19.7	16.5	7.0	5.8
s5605	454489	6940965	62.8	8.7	19.3	16.4	6.7	5.8
s5606	444336	6940849	67.1	10.4	21.0	16.9	7.2	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5607	447388	6940800	62.3	8.4	19.1	16.3	6.6	5.7
s5608	447488	6940814	64.4	8.4	19.1	16.3	6.6	5.7
s5609	447571	6940822	64.4	8.4	19.1	16.3	6.6	5.7
s5610	450314	6940872	71.3	8.5	19.3	16.4	6.8	5.8
s5611	451190	6940839	90.8	9.3	19.7	16.5	7.0	5.8
s5612	454311	6940844	66.3	8.6	19.3	16.4	6.7	5.8
s5613	446876	6940774	58.8	8.5	19.1	16.4	6.6	5.8
s5614	447778	6940743	62.1	8.4	19.1	16.4	6.6	5.8
s5615	447660	6940782	65.8	8.4	19.1	16.3	6.6	5.7
s5616	453015	6940795	77.0	9.4	20.1	16.6	7.2	5.8
s5617	447092	6940677	58.9	8.6	19.2	16.4	6.6	5.8
s5618	447167	6940679	58.8	8.6	19.2	16.4	6.6	5.8
s5619	449445	6940703	77.7	8.8	19.4	16.4	6.8	5.8
s5620	450145	6940643	81.2	8.9	19.5	16.5	6.9	5.8
s5621	450663	6940684	74.0	9.4	19.7	16.6	6.9	5.8
s5622	444839	6940593	70.5	11.0	21.7	17.0	7.4	6.0
s5623	446924	6940625	59.1	8.7	19.2	16.4	6.6	5.8
s5624	447129	6940548	59.5	8.9	19.3	16.5	6.6	5.8
s5625	447495	6940611	59.9	8.7	19.2	16.4	6.6	5.8
s5626	447546	6940627	59.4	8.6	19.2	16.4	6.6	5.8
s5627	448379	6940611	78.3	8.6	19.3	16.4	6.6	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5628	448057	6940630	58.6	8.6	19.2	16.4	6.6	5.8
s5629	452456	6940590	99.8	11.5	21.2	17.0	7.9	6.0
s5630	453234	6940586	75.3	9.5	20.1	16.6	7.1	5.8
s5631	447077	6940469	61.5	9.2	19.5	16.5	6.7	5.8
s5632	447079	6940546	59.5	8.9	19.3	16.5	6.6	5.8
s5633	447384	6940527	61.7	8.9	19.3	16.5	6.6	5.8
s5634	447530	6940510	64.8	8.9	19.4	16.5	6.7	5.8
s5635	447406	6940472	64.1	9.0	19.4	16.5	6.7	5.8
s5636	447723	6940527	64.5	8.9	19.4	16.5	6.7	5.8
s5637	448154	6940535	59.7	8.8	19.4	16.5	6.7	5.8
s5638	449805	6940479	83.5	9.6	19.8	16.6	7.1	5.8
s5639	452487	6940518	102.2	12.2	21.6	17.2	8.1	6.0
s5640	445021	6940398	69.7	10.0	20.8	16.7	7.1	5.9
s5641	447115	6940434	64.2	9.3	19.6	16.6	6.7	5.8
s5642	447316	6940439	64.5	9.2	19.5	16.5	6.7	5.8
s5643	447355	6940456	64.2	9.1	19.5	16.5	6.7	5.8
s5644	447386	6940406	65.5	9.3	19.6	16.6	6.7	5.8
s5645	447420	6940421	65.6	9.3	19.6	16.6	6.7	5.8
s5646	447469	6940428	66.3	9.2	19.5	16.6	6.7	5.8
s5647	447742	6940409	69.2	9.3	19.6	16.6	6.7	5.8
s5648	447576	6940397	68.9	9.4	19.6	16.6	6.7	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5649	453448	6940472	73.1	9.2	20.0	16.5	7.1	5.8
s5650	445193	6940359	69.8	10.7	21.0	16.9	7.2	5.9
s5651	447001	6940319	66.3	10.1	19.9	16.8	6.8	5.9
s5652	447048	6940336	66.4	9.9	19.8	16.7	6.8	5.9
s5653	447083	6940345	66.8	9.8	19.8	16.7	6.8	5.9
s5654	447131	6940335	69.5	9.9	19.9	16.7	6.8	5.9
s5655	447449	6940323	69.5	9.8	19.8	16.7	6.8	5.9
s5656	447420	6940330	68.7	9.7	19.8	16.7	6.8	5.9
s5657	448939	6940334	84.0	9.8	20.1	16.7	7.1	5.9
s5658	452287	6940400	106.5	13.1	22.3	17.4	8.6	6.1
s5659	452640	6940400	94.5	12.7	21.6	17.3	7.9	6.1
s5660	445971	6940248	70.8	14.0	22.2	17.8	7.6	6.2
s5661	446967	6940303	66.5	10.2	20.0	16.8	6.8	5.9
s5662	446986	6940253	69.1	10.8	20.3	16.9	7.0	5.9
s5663	447144	6940302	69.6	10.1	20.0	16.8	6.9	5.9
s5664	447099	6940296	69.5	10.2	20.0	16.8	6.9	5.9
s5665	447074	6940272	68.7	10.4	20.1	16.8	6.9	5.9
s5666	447019	6940263	68.9	10.6	20.2	16.9	6.9	5.9
s5667	447170	6940254	69.9	10.5	20.2	16.9	7.0	5.9
s5668	447238	6940238	70.1	10.6	20.3	16.9	7.0	5.9
s5669	447429	6940281	69.7	10.1	20.0	16.8	6.9	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5670	447389	6940268	69.7	10.2	20.0	16.8	6.9	5.9
s5671	447374	6940308	69.3	9.9	19.9	16.7	6.8	5.9
s5672	447821	6940247	70.7	10.7	20.3	16.9	7.0	5.9
s5673	447904	6940247	71.0	10.8	20.4	16.9	7.0	5.9
s5674	449569	6940312	96.4	11.3	20.8	17.0	7.5	6.0
s5675	449950	6940251	113.5	12.4	22.6	17.2	9.3	6.0
s5676	446956	6940166	69.8	12.5	21.4	17.4	7.3	6.1
s5677	446886	6940175	69.6	12.1	21.2	17.3	7.3	6.1
s5678	447000	6940193	69.8	11.8	20.9	17.2	7.2	6.0
s5679	447049	6940164	70.1	12.2	21.1	17.3	7.2	6.1
s5680	447062	6940205	69.8	11.4	20.6	17.1	7.1	6.0
s5681	447098	6940211	69.8	11.1	20.5	17.0	7.0	6.0
s5682	447149	6940170	70.2	11.7	20.7	17.2	7.1	6.0
s5683	447193	6940195	70.1	11.2	20.5	17.0	7.1	6.0
s5684	447114	6940163	70.2	11.9	20.9	17.2	7.2	6.0
s5685	447069	6940153	70.2	12.3	21.2	17.3	7.3	6.1
s5686	448051	6940198	71.8	11.8	21.0	17.2	7.2	6.0
s5687	447544	6940190	70.6	11.3	20.5	17.1	7.0	6.0
s5688	447608	6940161	71.0	11.8	20.8	17.2	7.1	6.0
s5689	447727	6940194	71.1	11.3	20.7	17.1	7.1	6.0
s5690	448455	6940161	80.0	10.9	20.6	16.9	7.1	6.0

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5691	451988	6940234	130.1	15.1	23.6	17.7	9.9	6.2
s5692	446554	6940105	69.8	13.3	21.7	17.6	7.4	6.2
s5693	447088	6940149	70.2	12.3	21.2	17.3	7.2	6.1
s5694	447207	6940141	70.5	12.0	20.9	17.2	7.2	6.1
s5695	448650	6940091	108.7	11.8	21.2	17.2	7.3	6.0
s5696	453610	6940157	82.9	9.5	20.4	16.6	7.2	5.8
s5697	447013	6940000	78.6	16.3	23.4	18.4	8.0	6.4
s5698	445596	6939969	69.7	9.5	20.6	16.6	7.0	5.8
s5699	446113	6939955	69.9	12.4	21.9	17.4	7.5	6.1
s5700	446907	6939969	80.0	17.5	23.7	18.7	8.1	6.6
s5701	449817	6939878	190.2	18.3	25.6	18.5	11.5	6.5
s5702	452115	6939877	125.2	13.1	26.2	17.5	11.4	6.2
s5703	452477	6939911	105.2	14.1	25.6	17.9	8.9	6.3
s5704	452422	6939926	106.7	15.0	26.0	18.2	9.4	6.4
s5705	452645	6939880	101.1	12.8	24.7	17.5	8.5	6.2
s5706	452657	6939897	100.9	13.4	25.0	17.7	8.6	6.2
s5707	452554	6939916	102.4	14.4	25.6	18.0	8.9	6.3
s5708	452770	6939869	100.5	13.1	24.5	17.6	8.5	6.2
s5709	446959	6939773	75.7	11.4	22.2	17.1	7.6	6.0
s5710	447249	6939760	75.8	10.9	22.3	17.0	7.6	6.0
s5711	447029	6939811	75.8	12.2	22.9	17.3	7.8	6.1

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5712	452131	6939795	120.4	11.4	23.4	17.1	9.1	6.0
s5713	452471	6939777	102.4	11.1	22.9	17.0	8.8	6.0
s5714	452537	6939812	101.8	11.5	23.4	17.2	8.8	6.0
s5715	452470	6939850	103.1	12.2	24.2	17.4	9.1	6.1
s5716	452858	6939787	100.0	12.2	23.3	17.4	8.0	6.1
s5717	445634	6939724	63.3	8.7	19.7	16.4	6.7	5.8
s5718	447339	6939750	79.5	10.9	22.1	17.0	7.6	6.0
s5719	451786	6939768	166.6	11.1	22.2	16.9	8.5	6.0
s5720	452543	6939734	100.9	10.7	22.3	16.9	8.4	5.9
s5721	452523	6939745	101.0	10.8	22.5	17.0	8.5	6.0
s5722	452486	6939762	101.3	10.9	22.7	17.0	8.7	6.0
s5723	447816	6939623	83.2	10.2	21.2	16.8	7.2	5.9
s5724	447259	6939651	71.2	9.6	20.8	16.6	7.1	5.9
s5725	446840	6939628	69.6	9.6	20.7	16.6	7.1	5.8
s5726	447156	6939630	70.4	9.4	20.6	16.6	7.0	5.8
s5727	452742	6939621	94.7	10.2	21.5	16.8	7.9	5.9
s5728	452710	6939644	95.1	10.3	21.6	16.8	8.0	5.9
s5729	452687	6939645	95.0	10.3	21.6	16.8	8.0	5.9
s5730	452622	6939679	95.9	10.4	21.8	16.8	8.1	5.9
s5731	452544	6939673	95.2	10.2	21.8	16.8	8.1	5.9
s5732	447689	6939569	80.4	9.5	20.6	16.6	7.1	5.8

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5733	447633	6939585	80.4	9.6	20.7	16.6	7.1	5.8
s5734	447063	6939588	69.9	9.1	20.3	16.5	7.0	5.8
s5735	451910	6939545	138.6	9.3	20.7	16.5	7.4	5.8
s5736	452878	6939551	93.8	9.9	21.3	16.7	7.7	5.9
s5737	452868	6939569	94.3	10.0	21.3	16.7	7.8	5.9
s5738	452848	6939578	94.4	10.0	21.4	16.8	7.8	5.9
s5739	452742	6939553	89.8	9.9	21.2	16.7	7.7	5.9
s5740	452785	6939607	94.7	10.2	21.4	16.8	7.9	5.9
s5741	452717	6939615	94.5	10.2	21.5	16.8	7.9	5.9
s5742	453421	6939550	94.3	11.0	22.3	17.0	7.9	6.0
s5743	447410	6939457	70.0	8.7	19.8	16.4	6.8	5.8
s5744	447478	6939503	70.5	8.9	20.0	16.5	6.9	5.8
s5745	447119	6939437	67.8	8.5	19.7	16.4	6.7	5.8
s5746	447141	6939502	69.6	8.7	19.9	16.4	6.8	5.8
s5747	446923	6939488	66.1	8.7	19.9	16.4	6.8	5.8
s5748	450766	6939511	99.2	8.9	20.2	16.5	7.1	5.8
s5749	450306	6939495	100.3	9.2	20.4	16.5	7.4	5.8
s5750	451824	6939506	113.6	9.0	20.2	16.5	7.1	5.8
s5751	452949	6939513	89.1	9.7	21.2	16.7	7.7	5.9
s5752	452921	6939500	88.4	9.7	21.1	16.7	7.6	5.9
s5753	452913	6939536	92.4	9.8	21.3	16.7	7.7	5.9

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5754	454908	6939518	70.7	9.4	20.4	16.6	7.0	5.8
s5755	446730	6939416	61.1	8.5	19.7	16.4	6.7	5.8
s5756	447421	6939405	69.8	8.5	19.7	16.4	6.7	5.8
s5757	447538	6939398	69.9	8.6	19.7	16.4	6.8	5.8
s5758	453579	6939399	84.4	10.0	21.4	16.8	7.6	5.9
s5759	446679	6939313	58.9	8.3	19.5	16.3	6.7	5.7
s5760	446887	6939326	59.5	8.3	19.5	16.3	6.7	5.7
s5761	449198	6939294	122.7	8.7	19.7	16.4	6.9	5.8
s5762	452241	6939335	94.4	8.8	20.5	16.4	7.3	5.8
s5763	451908	6939361	126.3	8.7	20.0	16.4	7.0	5.8
s5764	452693	6939345	89.7	9.1	20.4	16.5	7.3	5.8
s5765	452943	6939339	87.8	9.2	20.7	16.5	7.4	5.8
s5766	446507	6939265	59.0	8.2	19.4	16.3	6.6	5.7
s5767	447021	6939273	59.7	8.2	19.3	16.3	6.6	5.7
s5768	447238	6939264	62.7	8.2	19.3	16.3	6.6	5.7
s5769	447836	6939275	69.7	8.5	19.6	16.4	6.7	5.8
s5770	453052	6939291	86.7	9.2	20.7	16.5	7.4	5.8
s5771	449372	6939129	108.9	8.4	19.5	16.3	6.8	5.7
s5772	445336	6939066	57.5	8.0	19.0	16.3	6.5	5.7
s5773	446721	6939039	57.6	8.0	19.1	16.3	6.6	5.7
s5774	448082	6939117	64.6	8.4	19.4	16.3	6.7	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5775	447637	6939045	61.4	8.1	19.2	16.3	6.6	5.7
s5776	447776	6938982	59.3	8.1	19.2	16.3	6.6	5.7
s5777	451015	6939015	105.3	8.1	19.2	16.3	6.7	5.7
s5778	454654	6939031	70.6	8.3	19.6	16.3	6.8	5.7
s5779	445274	6938886	57.5	8.0	19.0	16.3	6.5	5.7
s5780	449717	6938942	100.8	8.2	19.4	16.3	6.8	5.7
s5781	451379	6938972	91.6	8.1	19.2	16.3	6.6	5.7
s5782	454547	6938862	70.5	8.2	19.4	16.3	6.8	5.7
s5783	445255	6938756	57.5	8.0	18.9	16.2	6.5	5.7
s5784	447091	6938795	57.5	8.0	19.0	16.2	6.5	5.7
s5785	451772	6938796	74.3	8.1	19.2	16.3	6.6	5.7
s5786	453968	6938810	70.3	8.3	19.7	16.3	6.9	5.7
s5787	447716	6938661	57.7	8.0	19.0	16.2	6.5	5.7
s5788	445608	6938624	57.5	8.0	18.9	16.2	6.5	5.7
s5789	449344	6938614	84.4	8.0	19.1	16.3	6.7	5.7
s5790	444978	6938485	57.5	7.9	18.9	16.2	6.5	5.7
s5791	449562	6938534	75.5	8.0	19.2	16.2	6.7	5.7
s5792	449384	6938434	72.7	8.0	19.1	16.2	6.6	5.7
s5793	454563	6938419	67.8	8.0	19.1	16.3	6.6	5.7
s5794	447356	6938319	57.5	7.9	18.9	16.2	6.5	5.7
s5795	449939	6938328	70.7	8.0	19.0	16.2	6.6	5.7

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5796	451173	6938186	69.6	8.0	19.0	16.2	6.5	5.7
s5797	453410	6938214	78.0	8.0	19.2	16.3	6.7	5.7
s5798	446724	6938112	57.5	7.9	18.9	16.2	6.5	5.7
s5799	451702	6938143	71.7	8.0	19.0	16.2	6.5	5.7
s5800	451793	6938152	70.5	8.0	19.0	16.2	6.6	5.7
s5801	446825	6938048	57.5	7.9	18.9	16.2	6.5	5.7
s5802	450017	6938063	70.0	7.9	19.0	16.2	6.6	5.7
s5803	453039	6937676	60.5	7.9	19.0	16.2	6.6	5.7
s5804	429632	6951710	114.1	14.9	24.3	18.1	8.3	6.4
s5805	429633	6951720	116.8	14.6	24.2	18.0	8.3	6.3
s5806	429635	6951720	116.9	14.5	24.2	18.0	8.3	6.3
s5807	429636	6951730	117.5	14.3	24.0	18.0	8.2	6.3
s5808	429636	6951740	117.9	14.1	23.9	17.9	8.2	6.3
s5809	429637	6951740	117.9	14.1	23.9	17.9	8.2	6.3
s5810	429638	6951750	118.2	13.9	23.8	17.8	8.1	6.3
s5811	429650	6951680	110.5	16.5	24.9	18.6	8.5	6.5
s5812	429655	6951730	118.4	14.1	23.9	17.9	8.2	6.3
s5813	429659	6951680	111.3	16.3	24.9	18.5	8.5	6.5
s5814	429662	6951740	119.3	13.9	23.8	17.8	8.2	6.3
s5815	429663	6951710	117.8	14.6	24.2	18.0	8.3	6.3
s5816	429664	6951720	118.5	14.3	24.0	17.9	8.2	6.3

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5817	429664	6951730	118.9	14.1	23.9	17.9	8.2	6.3
s5818	429666	6951680	111.9	16.1	24.8	18.4	8.5	6.5
s5819	429681	6951690	117.5	15.2	24.5	18.2	8.4	6.4
s5820	429682	6951660	112.3	18.3	25.6	19.0	8.7	6.7
s5821	429682	6951700	118.3	14.7	24.3	18.1	8.3	6.3
s5822	429683	6951710	119.0	14.4	24.1	18.0	8.3	6.3
s5823	429683	6951720	119.8	14.2	24.0	17.9	8.2	6.3
s5824	429684	6951690	117.7	15.2	24.5	18.2	8.4	6.4
s5825	429684	6951730	121.0	14.0	23.8	17.9	8.3	6.3
s5826	429685	6951740	122.1	13.9	23.7	17.8	8.3	6.3
s5827	429687	6951750	122.8	13.7	23.6	17.8	8.3	6.2
s5828	429688	6951760	123.2	13.6	23.5	17.7	8.3	6.2
s5829	429691	6951770	123.3	13.5	23.3	17.7	8.3	6.2
s5830	429693	6951780	123.0	13.4	23.2	17.7	8.3	6.2
s5831	429699	6951750	124.0	13.7	23.5	17.8	8.3	6.2
s5832	429701	6951760	124.1	13.6	23.4	17.7	8.3	6.2
s5833	429701	6951760	124.1	13.6	23.4	17.7	8.3	6.2
s5834	429702	6951780	123.2	13.4	23.2	17.6	8.3	6.2
s5835	429703	6951660	116.3	17.3	25.3	18.7	8.6	6.6
s5836	429703	6951770	123.9	13.5	23.3	17.7	8.3	6.2
s5837	429708	6951690	119.7	15.0	24.4	18.1	8.3	6.4

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			1 hour	1 year	24 hours	1 year	24 hours	1 year
Statistic			Maximum	Average	Maximum	Average	Maximum	Average
Assessment criterion			*250*	*62*	*50*	*25*	*25*	*8*
Background			-[a.]	-[a.]	18.7	16.2	6.4	5.7
Maximum predicted result			190.2	20.3	29.1	19.7	14.7	6.9
Receptor ID	Coordinate (X, m, GDA Zone 56)	Coordinate (Y, m, GDA Zone 56)	Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)					
s5838	429710	6951700	121.6	14.6	24.2	18.0	8.3	6.3
s5839	429713	6951710	123.4	14.4	24.0	18.0	8.4	6.3
s5840	429715	6951730	125.1	14.0	23.7	17.8	8.4	6.3
s5841	429715	6951720	124.6	14.2	23.8	17.9	8.4	6.3
s5842	429718	6951690	121.6	14.9	24.3	18.1	8.4	6.3
s5843	429719	6951740	125.8	13.8	23.6	17.8	8.4	6.2
s5844	429720	6951670	118.7	15.9	24.7	18.4	8.5	6.4
s5845	429722	6951700	123.9	14.6	24.1	18.0	8.4	6.3
s5846	429722	6951760	125.2	13.6	23.3	17.7	8.4	6.2
s5847	429722	6951770	124.3	13.5	23.2	17.7	8.4	6.2
s5848	429723	6951780	123.2	13.3	23.1	17.6	8.4	6.2
s5849	429725	6951700	124.5	14.6	24.1	18.0	8.4	6.3
s5850	429725	6951730	126.4	14.0	23.7	17.8	8.4	6.3
s5851	429725	6951750	126.0	13.7	23.4	17.8	8.4	6.2
s5852	429726	6951710	125.7	14.4	23.9	18.0	8.4	6.3
s5853	429726	6951790	121.8	13.2	22.9	17.6	8.3	6.2
s5854	429728	6951720	126.6	14.2	23.8	17.9	8.5	6.3
s5855	429728	6951800	122.5	13.1	22.8	17.5	8.3	6.2
s5856	429730	6951730	127.0	14.0	23.7	17.8	8.5	6.3
s5857	429730	6951660	118.5	16.5	25.0	18.5	8.5	6.5
s5858	429732	6951760	125.4	13.6	23.3	17.7	8.4	6.2

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m^3)**					
s5859	429733	6951770	124.3	13.4	23.2	17.7	8.4	6.2
s5860	429733	6951770	124.3	13.4	23.2	17.7	8.4	6.2
s5861	429736	6951790	122.7	13.2	22.9	17.6	8.4	6.2
s5862	429737	6951790	122.8	13.2	22.9	17.6	8.4	6.2
s5863	429739	6951800	123.6	13.1	22.8	17.5	8.3	6.2
s5864	429740	6951680	124.8	15.2	24.4	18.2	8.6	6.4
s5865	429742	6951690	126.8	14.9	24.2	18.1	8.6	6.3
s5866	429743	6951700	128.1	14.6	24.0	18.0	8.6	6.3
s5867	429745	6951710	128.9	14.3	23.9	17.9	8.5	6.3
s5868	429747	6951730	128.8	14.0	23.6	17.8	8.5	6.3
s5869	429748	6951720	129.4	14.1	23.7	17.9	8.5	6.3
s5870	429750	6951740	128.0	13.8	23.5	17.8	8.5	6.2
s5871	429750	6951750	126.8	13.7	23.3	17.7	8.5	6.2
s5872	429752	6951760	125.3	13.5	23.2	17.7	8.5	6.2
s5873	429755	6951680	128.4	15.2	24.3	18.2	8.7	6.4
s5874	429755	6951690	129.7	14.8	24.1	18.1	8.7	6.3
s5875	429755	6951790	124.8	13.2	22.9	17.6	8.4	6.2
s5876	429756	6951690	129.9	14.8	24.1	18.1	8.7	6.3
s5877	429757	6951710	130.9	14.3	23.8	17.9	8.6	6.3
s5878	429757	6951800	125.6	13.0	22.8	17.5	8.4	6.2
s5879	429758	6951710	131.1	14.3	23.8	17.9	8.6	6.3

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration (µg/m³)**					
s5880	429759	6951720	130.7	14.1	23.7	17.9	8.6	6.3
s5881	429761	6951730	129.8	13.9	23.5	17.8	8.6	6.2
s5882	429762	6951740	128.4	13.8	23.4	17.8	8.5	6.2
s5883	429762	6951820	126.6	12.8	22.7	17.4	8.3	6.1
s5884	429763	6951740	128.4	13.8	23.4	17.8	8.6	6.2
s5885	429763	6951650	123.2	16.9	25.0	18.6	8.8	6.5
s5886	429764	6951750	126.6	13.6	23.3	17.7	8.5	6.2
s5887	429767	6951790	126.3	13.1	22.9	17.5	8.4	6.2
s5888	429770	6951780	126.0	13.3	23.0	17.6	8.4	6.2
s5889	429773	6951670	131.2	15.4	24.4	18.2	8.9	6.4
s5890	429776	6951690	134.2	14.7	24.0	18.0	8.8	6.3
s5891	429777	6951650	127.3	16.5	24.8	18.5	8.9	6.5
s5892	429777	6951680	133.8	15.0	24.2	18.1	8.9	6.3
s5893	429779	6951700	134.5	14.4	23.8	17.9	8.8	6.3
s5894	429779	6951710	133.6	14.2	23.7	17.9	8.7	6.3
s5895	429784	6951780	127.9	13.2	23.0	17.6	8.5	6.2
s5896	429786	6951730	130.3	13.9	23.4	17.8	8.6	6.2
s5897	429788	6951760	126.6	13.5	23.2	17.6	8.5	6.2
s5898	429789	6951730	130.2	13.9	23.4	17.8	8.6	6.2
s5899	429790	6951750	125.7	13.6	23.3	17.7	8.6	6.2
s5900	429795	6951770	128.9	13.3	23.2	17.6	8.5	6.2

Pollutant			NO_2		PM_{10}		$PM_{2.5}$	
Averaging Time			**1 hour**	**1 year**	**24 hours**	**1 year**	**24 hours**	**1 year**
Statistic			**Maximum**	**Average**	**Maximum**	**Average**	**Maximum**	**Average**
Assessment criterion			***250***	***62***	***50***	***25***	***25***	***8***
Background			**-[a.]**	**-[a.]**	**18.7**	**16.2**	**6.4**	**5.7**
Maximum predicted result			**190.2**	**20.3**	**29.1**	**19.7**	**14.7**	**6.9**
Receptor ID	**Coordinate (X, m, GDA Zone 56)**	**Coordinate (Y, m, GDA Zone 56)**	**Cumulative Maximum Predicted Ground Level Concentration ($\mu g/m^3$)**					
s5901	428231	6952451	73.8	14.0	23.5	17.9	8.0	6.3
s5902	428491	6952187	75.4	14.0	23.7	17.9	8.1	6.3
s5903	429889	6951775	141.7	13.2	23.5	17.5	9.8	6.1