AIR QUALITY IMPACT ASSESSMENT

TECHNICAL PAPER 4

Wellington Gas-fired Peaking Power Station Environmental Assessment

Technical Paper 4 - Air Quality Impact Assessment

April, 2008

ERM Power

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NCSI Certified Quality System ISO 9001

2116270A/PR_7397 Final

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Date: .....29 April 2008

Distribution: ..... ERM Power; File

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Glossary

Term	Definition
MW	Megawatt.
kV	Kilovolt.
$\mu g/m^3$	Micrograms per cubic metre.
mg/m^3	Milligrams per cubic metre.
ppm	Parts per million.
BOM	Bureau of Meteorology.
CO	Carbon monoxide.
US EPA	United States Environmental Protection Agency.
Fugitive dust	Dust derived from a mixture of sources (non-point source) or not easily defined sources. Examples of fugitive dust include dust from vehicular traffic on unpaved roads, materials transport and handling, and un-vegetated soils and surfaces.
NEPM	National Environment Protection (Ambient Air Quality) Measure. National Environment Protection Measures are broad framework-setting statutory instruments defined under the *National Environment Protection Council (New South Wales) Act 1995*. They outline agreed national objectives for protecting or managing particular aspects of the environment. NEPMs are similar to environmental protection policies and may consist of any combination of goals, standards, protocols, and guidelines.
NHMRC	National Health and Medical Research Council.
NO_X	Oxides of nitrogen.
NO	Nitrogen monoxide.
NO_2	Nitrogen dioxide.
PM_{10}	Particulate matter less than or equal to 10 µm in aerodynamic diameter.
PAH	Polyaromatic hydrocarbons.
$PM_{2.5}$	Particulate matter less than or equal to 2.5 µm in aerodynamic diameter.
SO_2	Sulfur dioxide.
O_3	Ozone.
TSP	Total Suspended Particulates.
TAPM	The Air Pollution Model.
CSIRO	Commonwealth Scientific and Industrial Research Organisation.
TEOM	Tapered Element Oscillating Meter.
HGVs	Heavy Goods Vehicles.

Summary

This Technical Paper assesses the potential emissions from construction and operation of a proposed open-cycle gas-fired power station and compressor station ('the project').

The assessment has been undertaken in accordance with the guidelines presented in the *Approved Methods and Guidance for the Modelling of Air Pollutants in New South Wales* (DEC 2005a). Consideration has also been given to the Protection of the Environment Operations (Clean Air) Amendment (Industrial and Commercial Activities and Plant) Regulation 2005 and other relevant guidelines.

Construction phase

The main impacts during this phase of the project would arise from dust and combustion emissions during the construction of the proposed power station, compressor station and 100 kilometre gas pipeline. This Technical Paper proposes comprehensive mitigation measures to minimise impact on the receiving environment. Implementation and adherence to these measures would ensure that potential impacts would not be significant.

Operational phase

Site-specific background data was not recorded at the project site. Data for the years 2004 and 2005 was provided from the Department of Environment and Climate Change (DECC) air quality monitoring stations at Bathurst, Bargo and Bringelly for oxides of nitrogen (NO_x), sulfur dioxide (SO_2), particulate matter (PM_{10}) and ozone (O_3). With the exception of PM_{10} and O_3, all parameters at the three stations were below the relevant air quality goals. Exceedances of PM_{10} goals were recorded at Bathurst and O_3 levels were exceeded at the Bargo and Bringelly stations during this time period.

A dispersion modelling assessment was undertaken to predict the impact of emissions from the project on the receiving environment. Maximum predicted levels were modelled for NO_x (as NO_2), SO_2, PM_{10}, carbon monoxide (CO) and selected air toxics from the power station during normal operation and start-up conditions. With the exception of NO_x (as NO_2) during start-up, all modelled parameters were predicted to be below relevant air quality goals.

A tiered approach was adopted for assessing the impacts of NO_2 from the power station during normal operations. The initial dispersion modelling assessment was based on the assumption of 100% conversion of NO_x to NO_2. The ozone limiting method (OLM) is a more refined approach within which the maximum predicted NO_x levels and background NO_2 and O_3 levels are used to estimate the NO_2 concentration.

The results of the assessment using the OLM for estimating NO_2 impact indicated that at the location of maximum impact from the power station, approximately 15% of the NO_x would occur as NO_2. Using this approach, the estimated NO_2 levels are further reduced.

During start-up, the NO_x (as NO_2) concentrations are predicted to exceed the hourly air quality goal of 246µg/m^3 approximately 2.4 kilometres north-east of the proposed power plant. However, in reality this scenario will only occur for a maximum peak period of 6 minutes and then revert to emission levels predicted under the normal operation scenario. As the shortest averaging period for NO_x (as NO_2) is 1 hour based on available meteorological data, the predicted concentration averaged over this time period would comply with the DECC air quality goal. Furthermore, as the proposed OCGT would operate

during peak hours, estimated to be between 350 hours (with all four gas-fired turbines operating) and 1,400 hours (with one gas-fired turbine operating) per annum, NO_x (as NO_2) emissions from the power plant would not have an adverse impact at any sensitive receptor beyond the site boundary.

Dispersion modelling of emissions (PM_{10}; and NO_x as NO_2) from the compressor station indicated compliance with air quality goals at all sensitive receptors.

Mitigation measures for the operational phase have been proposed to ensure impacts are minimised.

In summary, predicted emissions from the project are not expected to result in adverse impacts on the receiving environment during normal and start-up operations, including all sensitive receptors within the receiving environment.

1. Introduction

This report has been prepared by Parsons Brinckerhoff (PB) on behalf of ERM Power to assess the potential air quality impacts of the construction and operation of a proposed open-cycle gas-fired power station (the power station) and associated gas supply pipeline (the project). The study has been prepared for inclusion within the Environmental Assessment being prepared by PB.

1.1 Background

This assessment has been completed in accordance with the guidelines presented in the *Approved Methods and Guidance for the Modelling of Air Pollutants in New South Wales* (Department of Environment and Conservation (DEC) 2005a), and other relevant guidelines.

The report considers the potential for off-site air quality impacts from the project based on predictive air quality modelling. The air quality assessment focuses on potential ground level contaminant generation during operation of the project.

Meteorological data, modelling assumptions and model outputs are included within the appendices of this report.

1.2 Scope

The scope of work for this study was to prepare an air quality impact assessment for the operation of the project. The following tasks were carried out:

- review proposed works
- review and compile existing information relating to meteorological conditions
- qualitatively assess existing regional air shed quality
- determine potential air emission sources for the Project
- assess anticipated air quality impacts
- assess predicted impacts and compare results to relevant legislation and guidelines
- compile a concise statement of potential air quality impact(s)
- develop recommendations for mitigation and management of air quality impact(s) (if required).

Limitations to the scope and use of this assessment are addressed in Section 10.

2. Project description

The proposed Wellington open-cycle gas-fired power station would operate as a peaking plant, supplying electricity at short notice during periods of peak electricity demand. The gas turbine facility would comprise four gas turbines with a combined power output of about 600 megawatts (MW). Four 150 MW open-cycle gas-fired turbines with dry, low oxide of nitrogen (NO_X) burners would be used to minimise NO_X emissions. A compressor station (pipeline inlet facility) would be located near the Central West Pipeline approximately 100 kilometres south-west of the proposed power station. The compressor station would comprise two reciprocating gas compressors inside a fully enclosed and ventilated building, including an exhaust vent 40-50 metres east south-east of this building.

Although the proposed gas turbine facility could operate 24 hours per day, 365 days per year, its hours of annual operation would respond to market conditions. It is estimated that the power station would have an annual capacity factor of around 4%, which translates to between 350 hours (with all four gas turbines operating) and 1,400 hours (with one gas turbine operating) per year.

Gas would be supplied to the power station via a new 100-kilometre long underground pipeline between the proposed power station and the Central West Pipeline at Alectown West, connecting to the existing Sydney to Moomba gas pipeline.

2.1 Location and topographical setting

The power station would be constructed adjacent to the existing Wellington 330/132 kilovolt (kV) substation, which is the major electricity hub for central and western NSW. The proposed power station would be located off Gulgong (Mudgee) Road approximately 2 kilometres north north-east of the outskirts of Wellington (see Figure 2-1). The project site is immediately south of TransGrid's 330kV substation, which provides a major electricity hub for the region.

The power station site comprises an undulating area of cleared land with scattered trees. The site drains to the south, and is currently used for grazing sheep and/or cattle.

ERM Power has the option to purchase approximately 45 hectares of land subject to securing approval for subdivision and development approval for the project, the power station would have a footprint of less than 6 hectares. The site would have a ground height of 331 metres Australian Height Datum (AHD).

The compressor station would be constructed directly east of the Parkes-Narromine railway line at the start of the proposed 100 kilometre underground gas pipeline (see Figure 2-2). The site comprises a relatively flat area gradually rising to approximately 340 metres AHD one kilometre to the south-east. The site is to be located at a ground height of 330 metres AHD.

2.2 Sensitive receptors

2.2.1 Power station

There are residential properties located within the vicinity of the proposed power station. The nearest is approximately 700 metres from the site. The nearest resident of the Cadonia residential subdivision is located approximately 1.5 kilometres to the north-east (the main cluster of land parcels) and the outskirts of Wellington are approximately 2 kilometres south-west of the site.

The nearest potentially affected receptors are listed in Table 2-1 and are shown in Figure 2-1.

Table 2-1 Nearest potentially affected receptors at the power station

Location	Property name	Vector	Approximate distance from centre of project site (m)
1	Mount Nanima	South-east	1,300
2	Cadonia subdivision	North-east	1,600
3	Keston Rose Garden Café	North-west	1,500
4	Nanima House	South-west	700

2.2.2 Compressor station

There are two residential properties located in the vicinity of the compressor station that would be potentially affected by combustion emissions. These are listed in Table 2-2 and illustrated in Figure 2-2.

Table 2-2 Nearest potentially affected receptors at the compressor station

Location	Property name	Vector	Approximate distance from centre of project site (m)
5	Mountain View, Alectown	South-east	660
6	Property A	North-east	1,650

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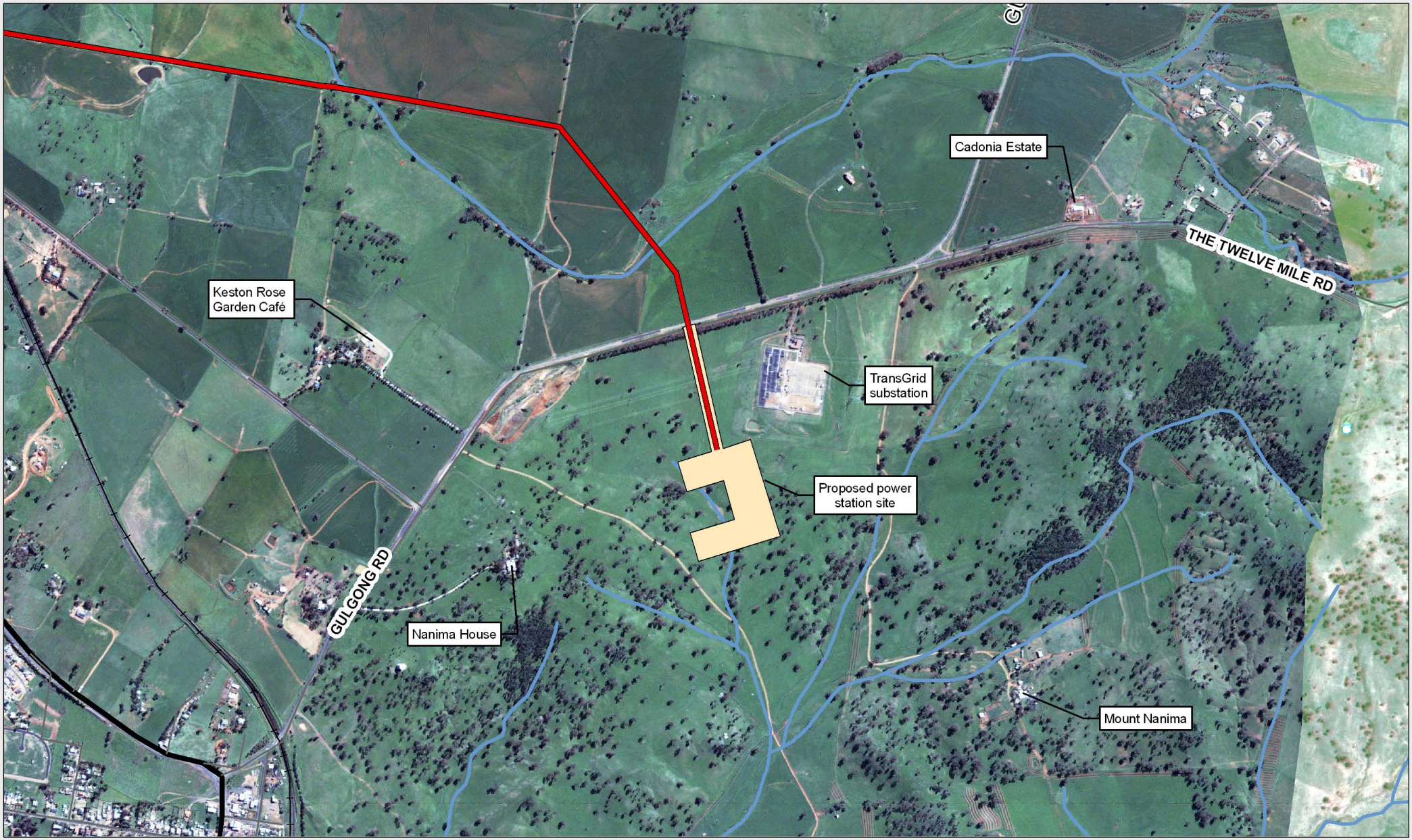

Proposed pipeline route
Proposed power station site
Major roads
Minor roads
Major drainage
Minor drainage
Water body
Rail line

Figure 2-1 Project location - power station and nearest potentially affected receptors

0 500 1,000 Metres

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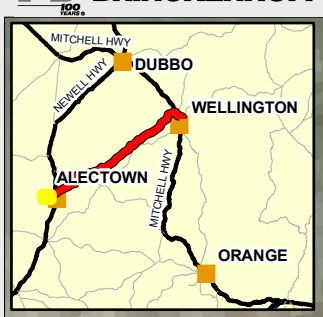


Property A

PARKES-NARROMINE RAILWAY

RAILWAY

Mountain View

Proposed pipeline route
Major roads
Minor roads
Rail line
Major drainage
Water body
National parks

Figure 2-2 Project location – compressor station and nearest potentially affected receptors

0 375 750 Metres

2116720A_2152_Fig3_5_Sensitive_receptors_around_compressor.mxd, MPN, 20 February 2008

3. Adopted standards and guidelines

Relevant National and NSW ambient air quality goals are applicable to this project. Air quality reporting standards and regional goals are established to protect the health of local communities and minimise potential annoyance.

The identified national goals are based on the recommendations of the National Health and Medical Research Council (NHMRC, 1995) and the National Environmental Protection (Ambient Air Quality) Measure (NEPM, 1998) prepared by the National Environment Protection Council (NEPC). The NEPM goals are long-term reporting descriptors.

NSW ambient air quality goals are provided in the DEC (now the Department of Environment and Climate Change (DECC)) document *Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW* (DEC 2005a). The adopted standards/goals for this air quality assessment are presented in Table 3-1.

Table 3-1 Adopted ambient air quality goals

Pollutant	Averaging period	Goal[1]	Source[2]
Nitrogen dioxide	1 hour maximum	246 µg/m^3	NEPC, NEPM
	1 hour maximum	200 µg/m^3	DECC long term reporting goal
	annual mean	62 µg/m^3	NEPC
Carbon monoxide	15 minute maximum	100,000 µg/m^3	WHO
	1 hour maximum	30,000 µg/m^3	WHO
	8 hour maximum	10,000 µg/m^3	NEPC
PM_{10}[3]	24-hour PM_{10} Concentration	50 µg/m^3	NEPC, NEPM
	annual PM_{10} Concentration	30 µg/m^3	DECC
Sulphur dioxide	10 minute maximum	712 µg/m^3	NHMRC
	1 hour maximum	570 µg/m^3	NEPC, NEPM
	24-hour	228 µg/m^3	NEPC, NEPM
	annual mean	60 µg/m^3	NEPC, NEPM
Photochemical oxidants (as ozone)	1 hour maximum	214 µg/m^3	DECC, NEPM
	4 hour maximum	171 µg/m^3	DECC, NEPM
Benzene	1 hour maximum	29 µg/m^3	DECC
Formaldehyde	1 hour maximum	20 µg/m^3	DECC
Toluene	1 hour maximum	360 µg/m^3	DECC
Xylene	1 hour maximum	190 µg/m^3	DECC
PAH[4] (as benzo(a)pyrene)	1 hour maximum	0.4 µg/m^3	DECC

Notes:

1 ug/m^3 = micrograms per cubic metre; mg/m^3 = milligrams per cubic metre

2 WHO = World Health Organisation, NEPM allows for no more than five exceedances in a given year (PM_{10}), NEPM allows for no more than one exceedance in a given year (CO, NO_2, O_3 & SO_2)

3 PM_{10} = Particulate matter ≤ 10µm in aerodynamic diameter

4 PAH = Polycyclic Aromatic Hydrocarbons

The above values are ambient air quality goals. Wherever possible, cumulative assessment of air quality impacts is required.

An NEPM 'advisory' standard has been established for 24-hour and annual $PM_{2.5}$ concentration levels. ($PM_{2.5}$ is defined as particulate matter less than or equal to 2.5 µm in diameter.) However, given the existing advisory status of the $PM_{2.5}$ criterion, detailed assessment of impact potential has not been undertaken.

The 2004 NEPC air toxics NEPM provides a framework for monitoring, assessing and reporting ambient levels of a number of DECC managed air toxics. Similar with the approach applied to the $PM_{2.5}$ standard, the air toxic goals are 'investigation levels' only and do not necessarily require detailed assessment. Relevant investigation levels have been provided in Table 3-2.

Table 3-2 Air quality investigation levels

Pollutant	Averaging period	Goal[1]	Source
$PM_{2.5}$	24-hour $PM_{2.5}$ concentration	25 µg/m^3	NEPM
	annual $PM_{2.5}$ concentration	8 µg/m^3	NEPM
Benzene	Annual average	0.003 ppm	NEPM (air toxics)
Formaldehyde	24 hour maximum	0.04 ppm	NEPM (air toxics)
Toluene	24 hour maximum Annual average	1 ppm 0.1 ppm	NEPM (air toxics)
Xylene	24 hour maximum Annual average	0.25 ppm 0.2 ppm	NEPM (air toxics)
PAH	Annual average	0.3 ng/m^3	NEPM (air toxics)

Note:

1. ng/m^3 = nanograms per cubic metre; ppm = parts per million; $PM_{2.5}$ = particulate matter ≤ 2.5 µm in aerodynamic diameter

4. Existing air quality and meteorology

The study area is located in Wellington, approximately 50 kilometres south of Dubbo in Central Western NSW. The site lies within the Macquarie River catchment. The area surrounding the site is predominantly existing farming land, with a small number of rural residential allotments surrounding the proposed power station site. The land surrounding the site can be characterised as gently undulating ground interspersed with sporadic tree cover.

Air quality data and meteorological conditions have been referenced from a combination of Bureau of Meteorology (BOM), and DECC measured and synthetically compiled (CSIROs (The Commonwealth Scientific and Industrial Research Organisation) The Air Pollution Model (TAPM)) data. The following data sets have been adopted within this Technical Paper:

- BOM Dubbo Station (065070), -32.2206, 148.5753: meteorological conditions (2000-2005)
- BOM Mudgee Station (062101), 32.5624, 149.6160: meteorological conditions (2000-2005)
- BOM Wellington Station (065034), -32.5635, 148.9503: cloud cover data (2000-2005)
- CSIRO TAPM compiled meteorological conditions for Wellington (2004-2005), coordinates of 684006mE, 6398990mN: four nesting grids of 30 kilometres, 10 kilometres, 3 kilometres and 1 kilometre with data assimilation from the BOM stations above
- NSW DECC Bargo Station, 277mE, 6201mN: ozone (O_3), NO_X, nitrogen oxide (NO), nitrogen dioxide (NO_2) and sulfur dioxide (SO_2) background concentrations (2004-2005)
- NSW DECC Bathurst Station, 739.32001mE, 6301.0298mN: PM_{10} and O_3 background concentrations (2004-2005)
- NSW DECC Bringelly Station, 293.10001mE, 6244.7998mN: PM_{10}, O_3, NO_X, NO, NO_2 and SO_2 background concentrations (2004-2005).

The data set compiled is considered suitable for the purposes of this assessment.

4.1 Ambient air quality

The existing air quality for the study area is considered to be characteristic of a rural environment. No major pollutant generating facilities are located within the immediate locality.

Sufficiently detailed background air quality data is not currently available (PM_{10}, NO_X, NO_2, O_3 or SO_2 levels) for the study area. No historical information was available and no site-specific monitoring was undertaken. Quarterly air quality monitoring reports provided by the DECC was therefore adopted to estimate existing background levels at the study area.

Data measured for Bargo, Bathurst and Bringelly (2004-2005) was adopted as background concentrations levels for the proposed project.

Bargo

Bargo is approximately 100 kilometres south-west of Sydney, at the southern end of the Wollondilly region at 370 metres above sea level. It is a rural town surrounded by farmlands where agriculture and fruit producing activities predominate. There are no major industrial

activities in the locality and hence no major sources of air pollution. The Hume highway is situated approximately 10 kilometres to the east of the town and not expected to influence measured NO_2 levels. The levels recorded at this monitoring station are considered to be representative of those likely to be expected at the Wellington site.

Bringelly

The air quality monitoring station at Bringelly is situated in the south of the Hawkesbury basin in a semi-rural area at an elevation of 53 metres to the south-west of Sydney. Due to the topography of the surrounding area and influence of the regional gradient wind flows from the Sydney basis air shed, the location is likely to provide worst case ambient air profiles for NO_2 and ozone. Ambient air profiles at Wellington would be expected to be influenced by the same regional sources.

Bathurst

Bathurst is located approximately 150 kilometres west of Sydney in the Central Tablelands and on the banks of the Macquarie River with higher ground rising to the south-west of the city centre. Residential wood burning activities are expected to lead to elevated PM10 concentrations and potential exceedances of the NEPM standard. NO_2 has not been recorded at this location. However, due to its relative proximity to Wellington with no significant sources of air pollution, it is expected that NO_2 levels would be of similar magnitude to the Wellington area.

Although the monitoring data is not specific to the study area, it is considered a conservative estimation of typical (or indicative) ambient air environs for the study area. The data is the best available for use in this assessment and is considered to be a conservative estimate of baseline conditions.

Reference background data for Bathurst, Bargo and Bringelly are provided in Table 4-1 and Table 4-2.

Table 4-1 Adopted background levels for Bathurst and Bargo monitoring stations

Month	Pollutant (µg/m^3)												
	Bathurst					Bargo							
	PM_{10} (TEOM)		O_3			SO_2			NO_2			O_3	
	Hourly Average	Maximum 24-hour	Hourly Average	Maximum 1-hour	Maximum 4-hour	Hourly Average	Maximum 1-hour	Maximum 24-hour	Hourly Average	Maximum 1-hour	Hourly Average	Maximum 1-hour	Maximum 4-hour
Year	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05
Jan	20 / 18	36 / 36	53.3 / 49.2	196.9 / 117.7	143.4 / 113.4	0.0 / 0.0	19.9 / 17.1	5.7 / 5.7	12.3 / 10.3	59.5 / 94.3	55.6 / 49.2	207.6 / 282.5	177.6 / 196.9
Feb	22 / 16	38 / 27	51.3 / 43.1	162.6 / 119.8	139.1 / 115.6	2.8 / 0.0	34.5 / 14.2	5.7 / 5.7	12.3 / 12.3	120.6 / 85.7	51.4 / 49.2	209.7 / 218.3	192.6 / 194.7
Mar	25 / 16	70 / 29	39.0 / 36.9	124.1 / 115.6	117.7 / 113.4	0.0 / 0.0	8.5 / 14.2	2.8 / 2.8	14.4 / 10.3	104.0 / 59.5	42.8 / 40.7	164.8 / 151.9	130.5 / 141.2
April	32 / 21	73 / 37	36.9 / 28.7	104.9 / 98.4	100.6 / 94.2	0.0 / 0.0	11.4 / 19.9	2.8 / 2.8	16.4 / 18.5	83.6 / 69.4	42.8 / 36.4	130.5 / 126.3	109.1 / 107.0
May	27 / 18	53 / 31	28.7 / 26.7	104.9 / 77.0	102.7 / 74.9	0.0 / 0.0	14.2 / 5.7	8.5 / 2.8	16.4 / 16.4	79.6 / 65.3	40.7 / 38.5	94.2 / 79.2	92.0 / 74.9
June	8 / 17	13 / 45	32.8 / 30.8	74.9 / 83.5	70.6 / 81.3	0.0 / 0.0	22.7 / 17.1	5.7 / 2.8	14.4 / 18.5	71.4 / 85.7	42.8 / 38.5	70.6 / 83.9	70.6 / 79.2
July	10 / 10	19 / 16	30.8 / 30.8	72.8 / 70.6	68.5 / 70.6	0.0 / 0.0	22.7 / 11.4	5.7 / 2.8	14.4 / 12.3	59.2 / 59.5	42.8 / 44.9	79.2 / 81.3	77.0 / 74.9
Aug	11 / 11	26 / 20	34.9 / 36.9	81.3 / 87.7	79.2 / 81.3	2.8 / 0.0	28.5 / 25.6	5.7 / 5.7	12.3 / 16.4	81.6 / 77.5	51.4 / 47.1	94.2 / 89.9	89.9 / 83.5
Sept	13 / 10	31 / 17	34.9 / 36.9	96.3 / 89.5	94.2 / 87.7	0.0 / 2.8	20.2 / 14.2	5.7 / 8.5	14.4 / 16.4	87.7 / 83.6	51.4 / 47.1	104.9 / 109.1	102.7 / 104.9
Oct	12 / 10	34 / 18	43.1 / 36.9	114.2 / 94.2	109.1 / 94.2	0.0 / 2.8	14.2 / 8.5	5.7 / 5.7	12.3 / 12.3	95.9 / 69.4	53.5 / 51.4	173.3 / 117.7	145.9 / 102.7
Nov	13 / 11	30 / 18	45.1 / 41.0	115.6 / 98.4	113.4 / 96.3	2.8 / 2.8	14.2 / 11.4	5.7 / 2.8	12.3 / 10.3	91.8 / 57.1	51.4 / 44.9	190.5 / 134.8	162.5 / 119.8
Dec	16 / 20	33 / 39	51.3 / 45.1	149.8 / 111.3	111.3 / 96.3	0.0 / 2.8	17.1 / 14.2	2.8 / 2.8	8.2 / 12.3	53.0 / 73.4	47.1 / 53.5	134.8 / 214	113.4 / 177.6
NSW Goal (µg/m^3)		**50**		**214**	**171**		**570**	**228**		**246**		**214**	**171**
Peak	32	73	2.6	196.9	143.4	2.8	34.5	8.5	16.4	120.6	55.6	282.5	196.9

Source: NSW DEC Air Quality Monitoring Reports 2004 and 2005 (DEC 2005b)

PM_{10} = Particulate matter ≤ 10□m in aerodynamic diameter

Nitrogen dioxide (NO_2)

µg/m^3 = micro grams per cubic metre, mg/m^3 = milligrams per cubic metre, TEOM (tapered element oscillating meter) – I hour average

Table 4-2 Adopted background levels for Bringelly monitoring station

Pollutant (µg/m^3)										
Month	Bringelly									
	PM_{10} (TEOM)		O_3			SO_2			NO_2	
	Hourly Average	Maximum 24-hour	Hourly Average	Maximum 1-hour	Maximum 4-hour	Hourly Average	Maximum 1-hour	Maximum 24-hour	Hourly Average	Maximum 1-hour
Year	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05	04/05
Jan	25 / 22	60 / 53	51.4 / 44.9	231.1 / 239.7	199.0 / 218.3	2.8 / 0.0	22.8 / 14.2	2.8 / 5.7	12.3 / 8.2	57.1 / 36.7
Feb	24 / 21	46 / 41	47.1 / 47.1	261.1 / 188.3	235.4 / 164.8	0.0 / 0.0	42.7 / 14.2	5.7 / 2.8	12.3 / 8.2	55.1 / 53.0
Mar	23 / 15	41 / 28	36.4 / 34.2	194.7 / 143.4	162.6 / 124.1	0.0 / 0.0	8.5 / 8.5	2.8 / 2.8	14.4 / 8.2	67.3 / 46.9
April	19 / 20	35 / 33	34.2 / 30.0	132.7 / 139.1	113.4 / 128.4	0.0 / 0.0	37.0 / 14.2	5.7 / 2.8	14.4 / 14.4	83.6 / 71.4
May	21 / 19	41 / 34	30.0 / 27.8	96.3 / 85.6	87.7 / 81.3	0.0 / 0.0	19.9 / 17.1	2.8 / 2.8	14.4 / 12.3	57.1 / 53.0
June	19 / 23	35 / 54	30.0 / 25.7	72.8 / 79.2	70.6 / 74.9	0.0 / 0.0	22.8 / 20.2	2.8 / 5.7	14.4 / 16.4	55.1 / 67.3
July	16 / 17	30 / 29	25.7 / 30.0	74.9 / 74.9	70.6 / 73.4	0.0 / 0.0	19.9 / 22.8	5.7 / 2.8	12.3 / 14.4	51.0 / 42.8
Aug	15 / 22	29 / 44	38.5 / 36.4	100.6 / 92.0	94.2 / 87.7	0.0 / 0.0	19.9 / 22.7	2.8 / 5.7	12.3 / 14.4	75.5 / 61.2
Sept	15 / 15	24 / 28	40.7 / 40.7	113.4 / 128.4	111.3 / 119.8	0.0 / 0.0	11.4 / 25.6	2.8 / 5.7	12.3 / 14.4	64.2 / 69.4
Oct	17 / 19	47 / 44	44.9 / 44.9	128.4 / 122.0	117.7 / 113.4	0.0 / 0.0	11.4 / 11.4	2.8 / 2.8	10.3 / 14.4	59.5 / 91.8
Nov	20 / 16	39 / 29	44.9 / 40.7	237.5 / 126.3	181.9 / 109.1	0.0 / 0.0	11.4 / 11.4	2.8 / 5.7	10.3 / 10.3	49.0 / 44.9
Dec	22 / 24	43 / 39	42.8 / 51.4	149.8 / 179.8	128.4 / 164.8	0.0 / 0.0	11.4 / 11.4	2.8 / 2.8	8.2 / 10.3	34.7 / 46.9
NSW Goal		**50**		**214**	**171**		**570**	**228**		**246**
Peak	25	60	2.4	261.1	235.4	2.8	42.7	5.7	16.4	91.8

Source: NSW DEC Air Quality Monitoring Reports (DEC 2005b)

PM_{10} = Particulate matter ≤ 10□m in aerodynamic diameter

Nitrogen dioxide (NO_2)

µg/m^3 = micro grams per cubic metre, mg/m^3 = milligrams per cubic metre, TEOM (tapered element oscillating meter) – I hour average

Some general comments on the results in Tables 4-1 and 4-2 are presented below:

- PM_{10}

PM_{10} levels were measured at Bathurst and Bringelly using a tapered element oscillating meter (TEOM) instrument for the years 2004 and 2005. The maximum 24-hour results indicate exceedances of the 50 $\mu g/m^3$ limit value at Bathurst from March to May in 2004 and at Bringelly in January 2004 and 2005. All other recorded PM_{10} results were below the guideline value.

- SO_2

SO_2 was measured at Bargo and Bringelly in 2004 and 2005. The maximum results recorded are well below the 1-hour and 24-hour air quality limit values respectively.

- NO_2

NO_2 was recorded at both Bargo and Bringelly in 2004 and 2005. The maximum 1-hour NO_2 concentrations recorded were below the NSW air quality limit values. The highest NO_2 levels were measured at Bargo in February 2004.

- O_3

O_3 levels were recorded at Bathurst, Bargo and Bringelly in 2004 and 2005. There were no exceedances at the Bathurst monitoring station. The 1-hour and 4-hour maximum levels were exceeded in January and February in 2004 and December to February in 2005 at the Bargo monitoring station. At Bringelly, exceedances of the 1-hour and 4-hour O_3 limits occurred in November, January and February in 2004 and January 2005.

These exceedances occurred between November and February and are likely to be associated with the formation of photochemical smog during the summer months primarily due to traffic emissions. The NSW limit values were not exceeded during any of the cooler months.

4.2 Meteorology

Air quality impacts are influenced by regional meteorological conditions, primarily in the form of gradient wind flow regimes, and by local conditions, generally driven by topographical features in the form of drainage flows. Topography, wind speed and wind direction all affect the potential dispersion and transport of plumes. Regional and local dispersion meteorology at the project site has therefore been defined.

Regional surface wind profiles have been obtained for Dubbo and Mudgee. The wind data for Wellington is included in Appendix A.

The data indicates that wind directions vary from easterly to south south-easterly over the seasons, with south-easterly winds predominant. A higher frequency of calm conditions was measured during the winter months for both data sets.

A site-representative regional meteorological data file was configured for the project site. The data was generated through the use of the CSIRO developed TAPM program, with synoptic conditions considered in compiling the site-specific meteorological conditions. This is required to provide a detailed and robust assessment of existing meteorological conditions.

Annual and seasonal wind rose plots for this file are included in Appendix B. An annual average wind speed of 3.17 metres per second (m/s) was calculated for 2004-2005 with the primary wind directions from the south-east. Seasonal wind roses were in close agreement with the annual wind rose. A higher proportion of winds were present for the north through north-east vector during the winter period.

A summary of the data used to compile the wind roses and the occurrence of stability classes is provided in Appendix A.

Worst case dispersion conditions from the site (least dispersion) would normally be associated with F-class stability conditions — still/light winds and clear skies during the early morning period (stable conditions). Analysis of the referenced site-specific meteorological data indicates that F-class dispersion conditions were present for approximately 25% of the time for the years 2004-2005. A moderate frequency of F-class stabilities was indicated.

4.3 Topography

When assessing the impact potential from a ground level source of air pollutants, it is important to consider local drainage flows. The movement of cold air down a slope (generally under stable atmospheric conditions) is referred to as katabatic drift and can result in plume entrapment and poor dispersion of air borne pollutants and the potential to cause greater off-site impacts. Katabatic drift would follow the topography of the site.

Topographical information available for the site describes the area as low, undulating hills ranging in elevation from 300–500 metres. Slopes are gently inclined, between 3% and 10%, and drainage lines are approximately 500–1,000 metres apart. The site is positioned between two minor ridge lines, with a general north west through south-east relief. The land rises immediately to the west, towards the Nanima House property. The site of the proposed power station is located in a shallow depression slightly below the level of the Mudgee Road. Based on this information, there is little potential for plume entrapment and adequate dispersion in the vertical and horizontal directions is anticipated.

5. Air dispersion modelling characteristics

5.1 Model characteristics

The American Meteorological Society/Environmental Protection Agency (EPA) Regulatory Model (AERMOD) is the current US EPA regulatory model used to predict concentrations from a wide range of sources that are present at industrial facilities.

The model predicts the concentration or deposition value for each pollutant. Since many air quality standards are expressed as averages or percentiles, AERMOD allows further analysis of the results for comparison purposes.

Percentile analysis for emissions is calculated for the maximum averages using the AERMOD-percent-post-processing utility. The utility calculates the maximum concentration of a pollutant at all receptors at a specific percentile for a specific period.

5.2 Site layout and Cartesian grid

The site layout was supplied by ERM Power and imported into the model. The boundary, all relevant structures and buildings were traced and emissions sources included. Since the impact of emissions from the power station could be observed at considerable distances from the emission sources, a large grid size 4.6 x 4.6 kilometres was constructed with grid receptors placed at 100 metre intervals to assess the extent of dispersion of emissions from the power station. The larger grid has south-west co-ordinates: E581720, N6396570. For the compressor station, a smaller grid of size 2.3 x 2.3 kilometres was constructed with 100 metre intervals.

A site layout map was used as the template for the source locations. All on-site sources were modelled as point sources. A point source is one that releases pollutants from a limited opening. The AERMOD package uses the steady state Gaussian equation for a continuous elevated point source.

5.2.1 Meteorological input data

Meteorological data was configured for the site using Mudgee and Dubbo BOM data. The meteorological input file is site-specific and was generated through the use of the CSIRO developed TAPM program. The data file is considered to be representative of the wind climate and wind direction events at the subject site and study region in general. Selection of the year for compilation of the meteorological input file does not adversely influence the outcomes of the assessment.

Over 17,000 individual temperatures, wind speed and wind direction events were compiled within the input file for modelling purposes. This ensured that sufficient meteorological data was available to guarantee that worst-case conditions were adequately represented in the model predictions.

5.2.2 Terrain effects

The AERMOD modelling package effectively accounts for terrain effects from elevated stack sources. Based on the undulating nature of the subject site, and the potential for plume centreline height variation above local terrain as atmospheric stability increases, the topographical setting of the study area has been considered in the model predictions.

AERMOD specifies changes in the plume centreline in proportion to the changes in the elevation of the underlying terrain. These changes are also a function of the atmospheric stability and allow a closer approach to the terrain surface under stable conditions.

5.3 Justification for using AERMOD

AERMOD was considered to provide a reasonable approach to the prediction of air impacts based on the following:

- **Complex terrain, non steady-state conditions** — AERMOD incorporates current concepts about flow and dispersion in complex terrain. Where appropriate the plume is modelled as either impacting and/or following the terrain. This approach is designed to be physically realistic and simple to implement. All terrain is handled in a consistent and streamlined manner while still considering the dividing streamline concept in stably stratified conditions.
- **Buoyant line plumes** — plumes that are lighter than air because they are at a higher air temperature and lower density than the surrounding ambient air or because they are at about the same temperature as the ambient air but have a lower molecular weight and hence lower density than the ambient air. AERMOD is a Gaussian plume model most often used for predicting the dispersion of continuous, buoyant air pollution plumes from ground level or elevated sources.
- **Coastal effects such as fumigation** — large changes in meteorological conditions over short distances are considered unlikely to occur or to influence the transport of pollutants at the subject site, which is not a coastal location.
- **High frequency of stable, calm night-time conditions** — it is acknowledged that AERMOD does not simulate calm conditions. The conservative approach and subsequent incremental/cumulative impacts predicted, combined with controls/management practices recommended, provided suitable confidence in relation to the modelling tool adopted for the air impact assessment. The TAPM model for Wellington computed that for 2004-2005, meteorological calm conditions occurred only 1.8% of the time.

The use of the AERMOD model (including the steady-state assumptions and associated technical parameterisations) is considered appropriate for the purposes of this assessment.

5.4 Model input parameters

The predominant source and type of air emission from the project during operation is presented in Table 5-1.

Table 5-1 Source and type of emission from the project

Source of emission	Pollutant emitted
Turbine emission points (4)	PM_{10}, NO_x (as NO_2), SO_2, CO, benzene, toluene, xylenes, formaldehyde, PAHs.
Compressor emission point (1)	NO_x (as NO_2), PM_{10}.

Table 5-2 presents the input data for the turbine emission points and compressor emission point.

Table 5-2 Input data for turbine and compressor emission points

Parameter	Turbine emission point		Compressor emission point
Scenario	Normal operation	Start-up	Normal operation
Emission temperature (k)	825	814	573
Efflux velocity (m/s)	40.6	28.1	15.0
Volume flow rate (m^3/s)	1,225.4	846.3	10,598
PM_{10} mass emission (g/s)	4.1	2.8	0.15
NO_x (as NO_2) mass emission (g/s)	21	93	0.21
SO_2 mass emission (g/s)	0.7	0.5	-
CO mass emission (g/s)	5.1	3.5	-
Benzene mass emission (g/s)	0.043	-	-
Toluene mass emission (g/s)	0.081	-	-
Xylenes mass emission (g/s)	0.04	-	-
Formaldehyde mass emission (g/s)	0.445	-	-
PAH mass emission (g/s)	0.00138	-	-
Periods of operation	Assumed continuous[1]		
Release height (m)	35		5
Stack diameter (m)	6.2		0.5

Notes:

1. Considered to be a conservative estimate
2. Concentrations used to determine mass emissions rates are within relevant standards of concentration as set down in the Protection of the Environment Operations (Clean Air) Amendment (Industrial and Commercial Activities and Plant) Regulations 2005

Table 5-3 presents information on the in-stack concentrations for the open cycle gas turbine (OCGT) and compressor station. This data may be compared to the Protection of the Environment Operations (Clean Air) Amendment (Industrial and Commercial Activities and Plant) Regulation 2005.

Table 5-3 Comparison to applicable POEO limits

Pollutant	Normal operations (mg/Nm^3)		POEO limit (mg/Nm^3)
	OCGT	Compressor	
NOx (as NO_2)	17.1	0.17	70
PM_{10}	3.35	0.12	50

Emission concentrations of NO_x (as NO_2) and PM_{10} are within the POEO limits.

The following modelling scenarios were developed for the purposes of this assessment:

- open-cycle gas-fired power station during normal operations
- open-cycle gas-fired power station during start-up
- natural gas-fired compressor station.

5.5 Air toxics

It is well established that emissions of organics (air toxics) are relatively low for gas-fired turbines compared to the combustion of other fuels such as diesel or coal. Notwithstanding this, the impact of emissions from the gas turbines has been assessed as part of this Technical Paper.

Input model data for air toxics (benzene, toluene, xylene etc.) has been drawn from the US EPA (1995) AP-42 document, which provides emission factors for a range of pollutants emitted from gas-fired turbines for controlled and uncontrolled scenarios.

To determine the emission rate for each air toxic assessed, an emission factor for each parameter has been normalised to the NO_x emission rate for natural gas-fired turbines. AP-42 reports a NOx emission rate of 0.13 pounds per million British Thermal Units of fuel input (lb/MMBTU), which is equivalent to 0.062 kilograms per gigajoule (kg/Gj), as follows:

0.13/2.2 (pounds to kilograms) x 1.054 (MMBTU to Gj)

This is similar to the NO_x emission rate of 0.039kg/Gj, which has been estimated for the proposed turbines fuelled with natural gas. The emission rates for the air toxics that have been assessed are presented in Table 5-2.

5.6 Short-term sulfur dioxide averaging period

Dispersion models in general only predict on time scales of 1 hour or greater. To estimate the maximum 10-minute SO_2 concentrations from the 1-hour predictions, the following empirical relationship has been used:

$$C_t = C_{60}\ (60/t)^{0.2}$$

Where:

C_t = concentration for time, t

C_{60} = concentration for time averaging, 60 minutes

T= time in minutes

Source: VIC EPA

The equation states that a 10-minute average concentration will be 1.43 times higher than the hourly average concentration. The estimated 10 minute averaging concentrations are presented in Tables 6-1 and 6-2 respectively.

5.7 Construction

The impact of a fugitive dust source on air quality primarily depends on the quantity and drift potential of the dust particles injected into the atmosphere. In addition to the larger dust particles that settle out near the source (often creating a local nuisance problem), fine particles are also emitted and dispersed over much greater distances.

Dust emission sources that could result from the construction of the project have been identified as:

- erosion of stockpiles and exposed areas on-site
- handling, transfer and storage of materials
- heavy earthwork operations such as excavation
- removal of vegetation, re-contouring of land and soil exposure for reseeding
- vehicle movements along internal access and haul roads.

The types and numbers of machinery that would be used during the construction phase are detailed in Section 7.5 of the main volume of the Environmental Assessment.

5.8 Operation

The main air emission sources during operation of the project would be:

- four gas fired turbines
- the gas fired compressor, with one exhaust emission point.

Table 5-2 details the input data for the process emission points modelled.

Additional ancillary sources, such as the emergency diesel generator, would also be installed to provide emergency power in the event of that electrical connection to the transmission network is lost. These have not been quantitatively considered within this Technical Report.

5.9 Site generated traffic

Emissions are likely to be associated with the combustion of diesel fuel and petrol. The operation of on-site machinery during construction and general site operations would generate CO, carbon dioxide (CO_2), NO_X, oxides of sulfur and trace amounts of non-combustible hydrocarbons. Emission rates and impact potential depend on the number and power output of the combustion engines, the quality of the fuel and the condition of the combustion engines.

Slight odours may be detectable close to the emission source(s). However, based on the setting of the project site, the likely ambient air quality characteristics, low population density, limited number of emission sources and transient nature of odorous emissions, adverse impacts are not expected. Exhaust emissions from mobile sources have not therefore been considered further with regard to air impact predictions.

6. Air quality impacts

There are two phases of the project that would have the potential to affect on air quality, namely:

- construction (gas pipeline and power station)
- operation (power station and compressor station).

6.1 Construction

Construction of the pipeline is expected to take place over a period of 12 to 14 months with construction of the power station expected to take 18-20 months. During construction, the main potential impacts would be associated with dust generation and emissions from the on-site movement of construction machinery and traffic.

Dust sources

Fugitive dust sources present during the construction phase of the project would include traffic on paved and unpaved roads, aggregate storage piles, clearing of groundcover and topsoil, earthmoving activities and the transporting or stockpiling of spoil and construction materials.

Fugitive dust generation is caused by two basic physical phenomena:

- pulverisation and abrasion of surface materials by application of mechanical force (wheels, blades)
- entrainment of dust particles by the action of turbulent air currents (wind erosion from an exposed surface).

The impact of fugitive dust sources is related to the quantity and drift potential of the particles. Larger particles generally settle out near the source, whereas fine particles (generally referred to as PM_{10}) can be dispersed over greater distances from the source.

Conservative estimates of dust generating potential have been primarily based on guidance provided in the US EPA document *AP-42 Compilation of Air Pollutant Emission Factors* (1995). Emission factors applied relate to the dust generating potential for varying sources and modes of operation.

Particulate emissions would be associated with a number of mobile sources and potential wind erosion from freshly exposed areas. It has been assumed that construction work would be undertaken during the daytime only, with dust generating potential limited to short-term periods of greater intensity activity.

Predicted dust impacts

An indicative breakdown of anticipated sources and dust generating activities follows:

- Dust from loading aggregate material onto trucks may result in emission rates of 0.04 kilograms per tonne Total Suspended Particulates (TSP) and 0.01 kilograms per tonne (PM_{10}). The loading of 10 by 15 cubic metre capacity trucks over a 10 hour working day would result in a total of 150 cubic metres, or approximately 300 tonnes, of material per day. Dust generation from truck loading would therefore be expected in the range of 12.0 kilograms (TSP) to 3.0 kilograms (PM_{10}) per day.

- Operation of a bulldozer may result in emission rates of 2.3 kilograms per hour (TSP) and 0.5 kilograms per hour (PM_{10}). During a typical 10 hour working day, dust generation from bulldozer operation would be expected in the range of 23.0 kilograms (TSP) to 5.0 kilograms (PM_{10}) per day.
- Emissions of dust from movement of vehicles on unsealed roads have been calculated at values of 1.4 kilograms per vehicle per kilometre (TSP) and 0.5 kilograms per vehicle per kilometre (PM_{10}). Two vehicle movements per hour, at an average of 500 metres per movement, may be expected to result in dust generation of 14 kilograms per day (TSP) to 5 kilograms per day (PM_{10}) over a 10 hour working day.
- Wind erosion from exposed surfaces may occur from disturbed areas of 200 by 200 metres. Dust entrainment rates from exposed surfaces vary with (among other things) wind gusts, threshold wind speeds, friction velocities, precipitation events, silt loadings and the number of disturbances that restore the erosion potential. Assuming a silt content of 11%, 50 days of precipitation and 30% of hourly wind events above 5.4 m/s, dust emissions from exposed surfaces could be expected to range between 0.04 kilograms per hectare per hour (TSP) to 0.02 kilograms per hectare per hour (PM_{10}) (NSW Minerals Council *Particulate Matter and Mining Interim Report* 2000). Over a 10 hour working day, dust generation from exposed surfaces may be expected between 0.8 kilograms (TSP) to 0.4 kilograms (PM_{10}).

From the above, the worse-case total dust levels generated over a 10 hour construction day have been predicted between 50 kilograms (TSP) to 14 kilograms (PM_{10}). Although the qualitative assessment cannot confirm compliance with current air quality goals, anticipated levels of particulate matter impact potential are not considered excessive. Received impact levels would be expected to decrease significantly with distance from the source. Negligible dust impacts from construction activities are anticipated beyond 200 metres from the dust generating activity.

Mobile vehicular emissions

The operation of on-site machinery, Heavy Goods Vehicles HGVs, cars and delivery vehicles during the construction works and general site operations would generate CO, CO_2, NO_x, sulfides and trace amounts of non-combustible hydrocarbons.

Emission rates and impact potential depend on the power output of the combustion engines, the quality of the fuel and the condition of the combustion engines. The contractors and site manager(s) would ensure that no equipment releases smoke in contravention of the *Clean Air Act 1970*, *Protection of the Environment Operations Act 1997* and the Clean Air (Plant and Equipment) Regulation 1997.

On this basis, emissions from construction vehicles and plant are unlikely to result in air quality impacts, and are not considered further.

6.2 Operation (power station)

The results of the air dispersion modelling assessment of emissions from the turbines are presented in Tables 6-1 and 6-2 during normal operation and start-up. Normal operation is defined as all four turbines operating at full capacity. The start-up scenario is defined as where all four units are operating at 50% capacity/load. Fifty percent capacity is typically not used for peaking plants and this scenario would only be representative of start-up levels.

Table 6-1 Air dispersion modelling results of emissions from turbines – normal operation

Parameter	Averaging period	Predicted GLCs at sensitive receptor locations (µg/m^3)[1]				Maximum Predicted GLC[1] (µg/m^3)	Location of MaximumGLC[1]
		Location					
		1	2	3	4		
PM_{10}	24-hour	0.49	0.58	0.46	0.38	1.29	686320, 6398170
	annual	0.03	0.05	0.03	0.03	0.06	684620, 6399270
NO_x (as NO_2)	1-hour	21.8	34.3	8.6	9.3	63.3	685120, 6401170
	annual	0.17	0.23	0.13	0.14	0.33	684620, 6399270
SO_2	10-minutes	1.04	1.63	0.41	0.44	3.02	-
	1-hour	0.73	1.14	0.29	0.31	2.11	685120, 6401170
	24-hour	0.08	0.10	0.08	0.06	0.22	683220, 6398170
	annual	5.76×10^{-3}	7.70×10^{-3}	4.39×10^{-3}	4.70×10^{-3}	0.01	684620, 6399270
CO	1-hour	5.28	8.33	2.10	2.26	15.4	685120, 6401170
	8-hour	1.64	1.90	1.50	1.34	4.30	686320, 6398170
Benzene	1-hour	0.05	0.07	0.02	0.02	0.13	685120, 6401170
	annual	$3.50e^{-4}$	$4.70e^{-4}$	$2.7\ e^{-4}$	$2.9\ e^{-4}$	$6.80e^{-4}$	684620, 6399270
Toluene	1-hour	0.08	0.13	0.03	0.04	0.24	685120, 6401170
	24-hour	$9.70e^{-3}$	0.01	$9.14e^{-3}$	$7.57e^{-3}$	0.03	686320, 6398170
	annual	$6.70e^{-4}$	$8.90e^{-4}$	$5.10e^{-4}$	$5.40e^{-4}$	$1.28e^{-3}$	684620, 6399270
Xylenes	1-hour	0.04	0.07	0.02	0.02	0.12	685120, 6401170
	24-hour	$4.79e^{-3}$	$5.61e^{-3}$	$4.50e^{-3}$	$3.74e^{-3}$	0.01	686320, 6398170
	annual	$3.30e^{-4}$	$4.40e^{-4}$	$2.50e^{-4}$	$2.70e^{-4}$	$6.30e^{-4}$	684620, 6399270
Formaldehyde	1-hour	0.46	0.73	0.18	0.20	1.34	685120, 6401170
	24-hour	0.05	0.06	0.05	0.04	0.14	686320, 6398170
PAHs	1-hour	$1.43e^{-3}$	$2.25e^{-3}$	$5.70e^{-4}$	$6.10e^{-4}$	$4.16e^{-3}$	685120, 6401170
	annual	$1.00e^{-5}$	$2.00e^{-5}$	$1.00e^{-5}$	$1.00e^{-5}$	$2.00e^{-5}$	684620, 6399270

Notes:

Results representative of incremental impacts only

Note: As the proposed power plant site spans over 2 UTM zones, zone 55 has been adopted for the purposes of the model set-up. To enable the model to run the northing co-ordinate is reduced by 10^5. As a result all input/output files present northing co-ordinates 10^5 lower

1. GLC – ground level concentration

Table 6-2 Air dispersion modelling results of emissions from turbines – start up

Parameter	Averaging period	Predicted GLCs at sensitive receptor locations (µg/m^3)[1]				Maximum Predicted GLC (µg/m^3)[1]	Location of MaximumGLC[1]
		Location					
		1	2	3	4		
PM_{10}	24-hour	0.47	0.54	0.50	0.41	1.31	686320, 6398070
	annual	0.03	0.04	0.03	0.03	0.07	684620, 6399270
NO_x (as NO_2)	1-hour	141.0	166.8	53.8	69.5	**368.2**	685720, 6401170
	annual	1.14	1.44	0.90	0.99	2.26	684620, 6399270
SO_2	10-minutes	1.09	1.29	0.41	0.53	2.83	-
	1-hour	0.76	0.90	0.29	0.37	1.98	685720, 6401170
	24-hour	0.08	0.10	0.09	0.07	0.23	686320, 6398070
	annual	$6.14e^{-3}$	$7.72e^{-3}$	$4.82e^{-3}$	$5.33e^{-3}$	0.01	684620, 6399270
CO	1-hour	5.30	6.28	2.00	2.60	13.9	685720, 6401170
	8-hour	1.59	1.78	1.63	1.42	4.48	686320, 6398170

Notes:

Results representative incremental impacts only

As the proposed power plant site spans over 2 UTM zones, zone 55 has been adopted for the purposes of the model set-up. To enable the model to run the northing co-ordinate is reduced by 10^5. As a result all input/output files present northing co-ordinates 10^5 lower

1. GLC – ground level concentration

Tables 6-1 and 6-2 present the dispersion modelling results from the proposed power station alone. Levels that are above the relevant air quality limit values are shown in bold.

During normal power station operations, the dispersion modelling results show that compliance with the relevant air quality goals would be achieved at all sensitive receptors and for all parameters modelled.

With the exception of NO_x (as NO_2), all parameters modelled for the start-up scenario are predicted to be within relevant air quality goals.

The highest PM_{10} concentrations are predicted for the power station during start-up conditions. The predicted maximum 24-hour average ground level concentration (GLC) of PM_{10} emissions from the proposed power station would be low (1.29 µg/m^3 for normal operations and 1.31µg/m^3 for start-up conditions), well below the 50 µg/m^3 goal proposed by the DECC. This maximum would occur approximately 2.2 kilometres north-east of the power station. Based on the conservative assumption that all of the PM_{10} is present as $PM_{2.5}$, compliance with the NEPM investigation level of 25 µg/m^3 would be anticipated.

The maximum predicted 1-hour NO_x (as NO_2) concentration of 368 µg/m^3 from the power station exceeds the DECC goal of 246 µg/m^3 during start-up only. This maximum occurs approximately 2.4 kilometres north-east of the power station. The NO_x levels at all sensitive receptors included in this dispersion modelling assessment are predicted not to exceed the air quality goal.

The predicted results are based on the conservative approach that 100% of the predicted NO_x concentration is NO_2 for both modelled scenarios. In reality this is not expected to occur during normal operations. A more refined approach presented in Section 6.3 has been undertaken using the ozone limiting method to assess the NO_2 impacts for normal

operations. Adopting this approach, the estimated NO_x (as NO_2) are lower at all locations modelled.

During start-up operations, exceedances of the 1 hour NO_2 air quality goal are predicted to occur. However, this would occur over a maximum 6 minute period and then decrease to levels predicted for normal operations. As the shortest time averaging period for both the available meteorological data and air quality goal is 1 hour, the average concentration would comply with the NEPM goal. Therefore, emissions from the power plant during start-up conditions would not adversely impact on the nearest sensitive receptors and the receiving environment.

The highest annual average NO_x concentration from the power station is predicted to be well below the 62 µg/m^3 DECC goal for both scenarios, even given the conservative assumption that 100% NO_x is present as NO_2.

The maximum predicted 1-hour, 24-hour and annual average SO_2 concentrations from the power station are below their respective air quality goals during normal operations and start-up conditions. The maxima are predicted to occur approximately 2 kilometres north-east of the power station.

The maximum predicted 1-hour and 8-hour CO concentrations from the power station are low, well below their respective air quality goals during normal operations and start-up conditions.. The maxima are predicted to occur approximately 2 kilometres to the north-east of the power station.

Each of the selected air toxics modelled are well below their respective air quality goals for all time averages during normal operation.

Figures 6-1 to 6-4 present the results of the dispersion modelling assessment (NO_x only) of predicted emissions from the turbines during normal operations and start-up.

Sample AERMOD input and output files are included in Appendix C.

6.3 Assessment of nitrogen dioxide using the ozone limiting method

Oxides of nitrogen from combustion sources consist primarily of NO and partly of NO_2. Following its release to atmosphere, NO is converted to NO_2 through a series of photochemical reactions with atmospheric O_3.

The oxidation of NO to NO_2 in the atmosphere can be assessed by various methods. The predicted NO_x (as NO_2) concentration presented in Table 6-3 and 6-4 follows Method 1 (DECC guidelines) where it is assumed that conversion of NO to NO_2 is complete. In this instance, dispersion modelling was used to predict 1-hour and annual GLC of NO_x (as NO_2). This approach is a conservative estimate; other more refined methods of analysis are available for estimating NO_2 concentrations from the prediction of NO_X for combustion processes.

Air quality monitoring data can be used to assess the fraction of NO_2 in the NO_X when the NO_X concentration is high. Since dispersion models are generally configured to predict maximum NO_X concentrations, the fraction of NO_2 in the NO_X for high NO_X concentrations may provide a reasonable estimate of the NO_2 concentration.

Alternatively, the oxidation of NO to NO_2 can be estimated using the ozone limiting method. The DECC provides two levels of assessment using this method — Level 1 and Level 2. A Level 1 assessment uses maximum predicted NO_x and maximum background NO_2 and O_3 data to estimate the NO_2 concentration. A Level 2 assessment requires contemporaneous hourly NO_2 and O_3 data for every hour of the modelling period.

The Level 1 method has been adopted for the purposes of this assessment. This method uses the predicted NO_X concentration with background O_3 and NO_2 data. The method assumes that all available O_3 in the atmosphere will react with NO in the plume until either all the O_3 or all the NO is used up. This approach assumes that the atmospheric reaction is instantantaneous, in reality the reaction takes place over a number of hours.

The ozone limiting method has the form of the equation shown below:

$$[NO_2]_{total} = \{0.1x[NO_X]_{pred}\} + MIN\left\{(0.9)x[NO_X]_{pred}\ or\left(\frac{46}{48}\right)x[O_3]_{bkgd}\right\} + [NO_2]_{bkgd}$$

Source: DEC (2005a).

A Level 1 ozone limiting method assessment has been undertaken in accordance with DECC guidelines (DEC 2005a). Three scenarios have been addressed for the estimation of hourly and annual NO_2 levels:

- Maximum predicted hourly NO_x concentration with measured hourly NO_2 and O_3 levels for that hour (Scenario 1).
- Maximum predicted hourly NO_x concentration with maximum measured hourly NO_2 and O_3 levels over the 2004-2005 monitoring period (Scenario 2).
- Annual average NO_x concentrations with annual average NO_2 and O_3 levels (Scenario 3).

The results of the ozone limiting method NO_2 predictions are outlined in Table 6-3. Measured background NO_2 and O_3 concentrations from the nearest and most suitable air monitoring stations (Bathurst, Bargo and Bringelly) were adopted. Using this data, the highest estimated NO_2 concentrations at four sensitive receptors are presented. The calculations are presented in Appendix D.

Table 6-3 NO_2 predictions by ozone limiting method (µg/m^3) – normal operation

Scenario	Location				Maximum NO_x GLC
	1	2	3	4	
Scenario 1					
1-hour maximum					
Predicted maximum 1-hour average NO_X	21.8	34.3	8.6	9.3	63.3
Adopted maximum 1-hour average NO_2[1]			11.3		
Adopted maximum 1-hour average O_3 [1]			7.9		
Estimate of maximum 1-hour NO_2 by OLM	**21.1**	**22.3**	**19.7**	**19.8**	**25.2**
Scenario 2					
1-hour maximum					
Predicted maximum 1-hour average NO_X	21.8	34.3	8.6	9.3	63.3
Adopted maximum 1-hour average NO_2[2]			121.0		
Adopted maximum 1-hour average O_3 [2]			282.9		

Scenario	Location				Maximum NO_x GLC
	1	2	3	4	
Estimate of maximum 1-hour NO_2 by OLM	**150.1**	**144.0**	**129.6**	**130.3**	**184.3**
Scenario 3					
Annual mean					
Predicted annual average NO_X	0.17	0.23	0.13	0.14	0.33
Adopted annual average NO_2 [3]			13.5		
Adopted annual average O_3 [3]			47.1		
Estimate of annual NO_2 by OLM	**13.7**	**13.7**	**13.6**	**13.6**	**13.8**

Notes:

1. Adopted from measured NO_2 and O_3 background levels for DECC monitoring station located at Bargo (2004 and 2005) at time of maximum predicted hourly NO_x levels (on 11/04/05 at 8 am, as measured background NO_2 levels not available on this date, data on 12/04/04 at 4 am was adopted)
2. Maximum 1 hour measured concentration over 2004/05 monitoring period
3. Annual average of 1-hour averages over 2004 and 2005

The results show that the estimated ground-level NO_2 concentrations would comply with the adopted 1-hour average DECC goal of 246 µg/m^3 and annual average goal of 62 µg/m^3 at all sensitive receptors during normal operations. As NO_x emissions are primarily present as NO_2 during the start-up scenario, the OLM method is not appropriate and hence not considered.

6.4 Operation (compressor station)

The results of the modelling assessment of emissions from the compressor station are presented in Table 6-4.

Table 6-4 Air dispersion modelling results of emissions from compressor station

Parameter	Averaging period	Predicted GLCs sensitive receptor locations (µg/m^3)		Maximum predicted GLC (µg/m^3)	Location of maximum GLC
		Mountain View House	Property A		
PM_{10}	24-hour	0.26	0.10	31.4	609760, 6355760
	annual	0.20	0.01	0.62	609860, 6355760
NO_x (as NO_2)	1-hour	2.92	1.75	48.7	609860, 6355760
	annual	0.03	0.01	0.87	609760, 6355760

Predicted emissions of NO_x (as NO_2) and PM_{10} from the gas-fired compressor station indicate compliance with relevant air quality goals for all time averages modelled. Figures 6-5 to 6-6 present the results of the dispersion modelling assessment (NO_x only) of predicted emissions from the compressor.

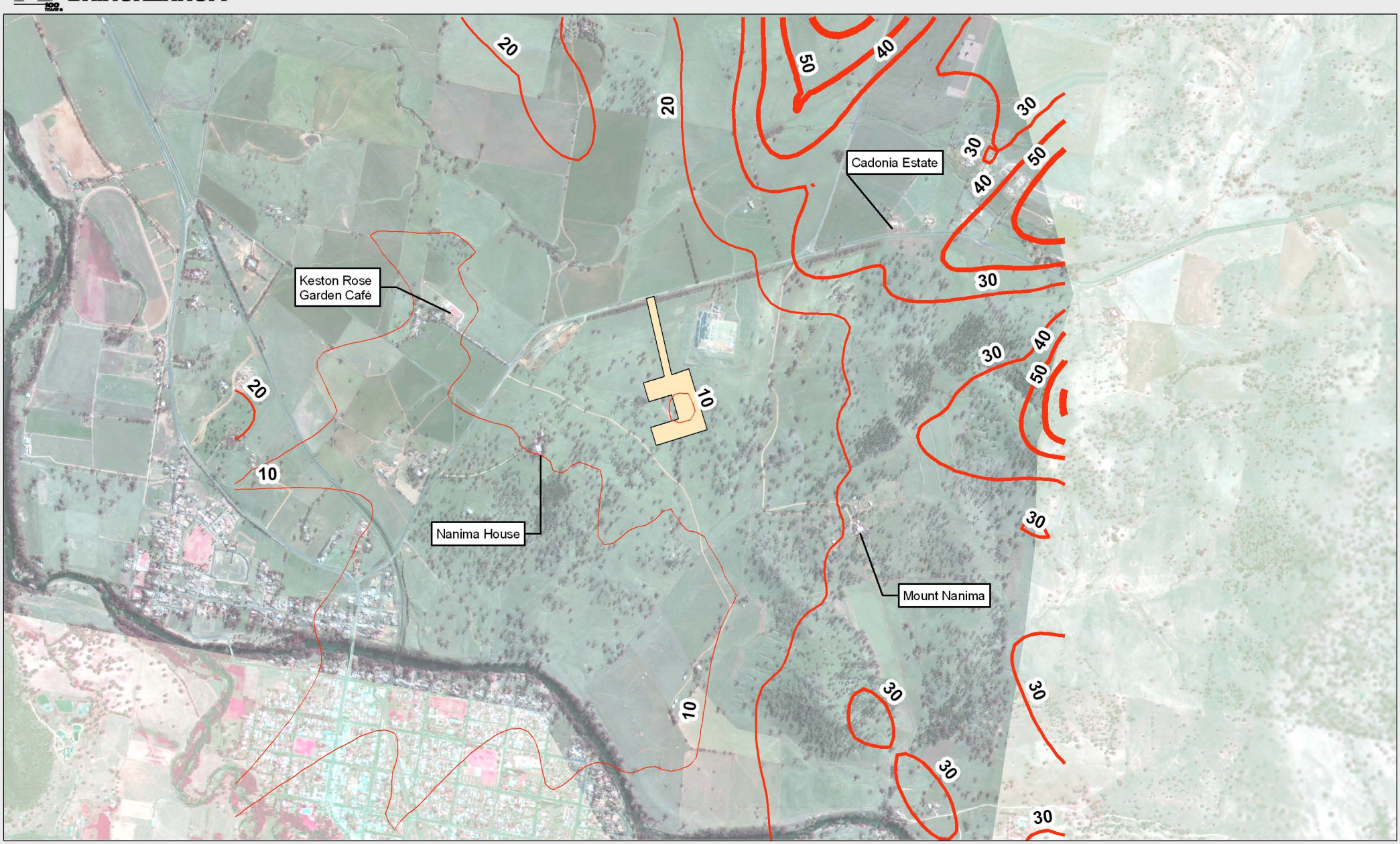
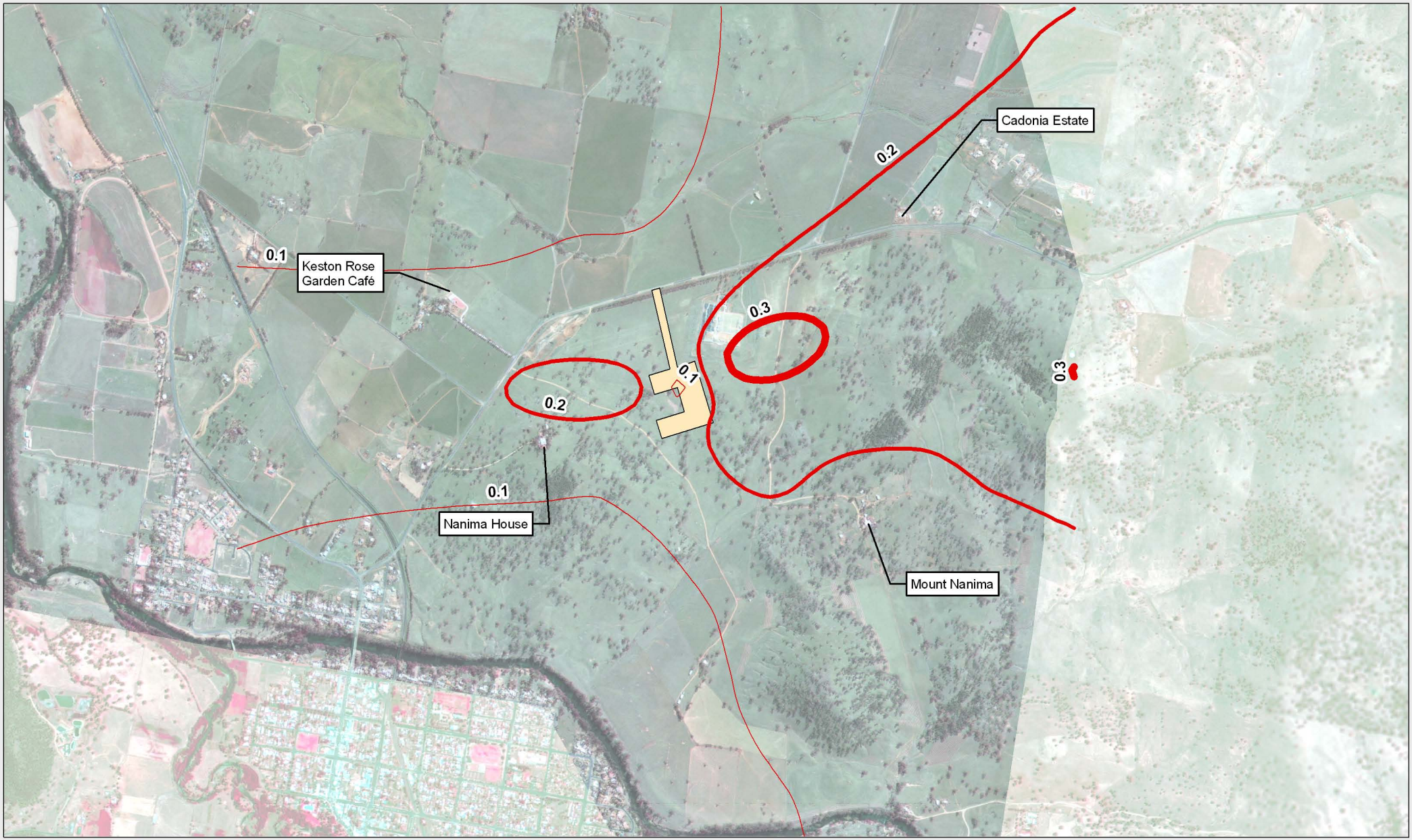


Figure 6-1 Maximum predicted hourly ground level NOx (as NO2) concentration (μg/m3) from the power station during normal operations



Proposed power station site

Figure 6-2 Maximum predicted annual ground level NOx (as NO2) concentration (μg/m3) from the power station during normal operations

Air quality guideline - 62 μg/m3

0 750 1,500 Metres

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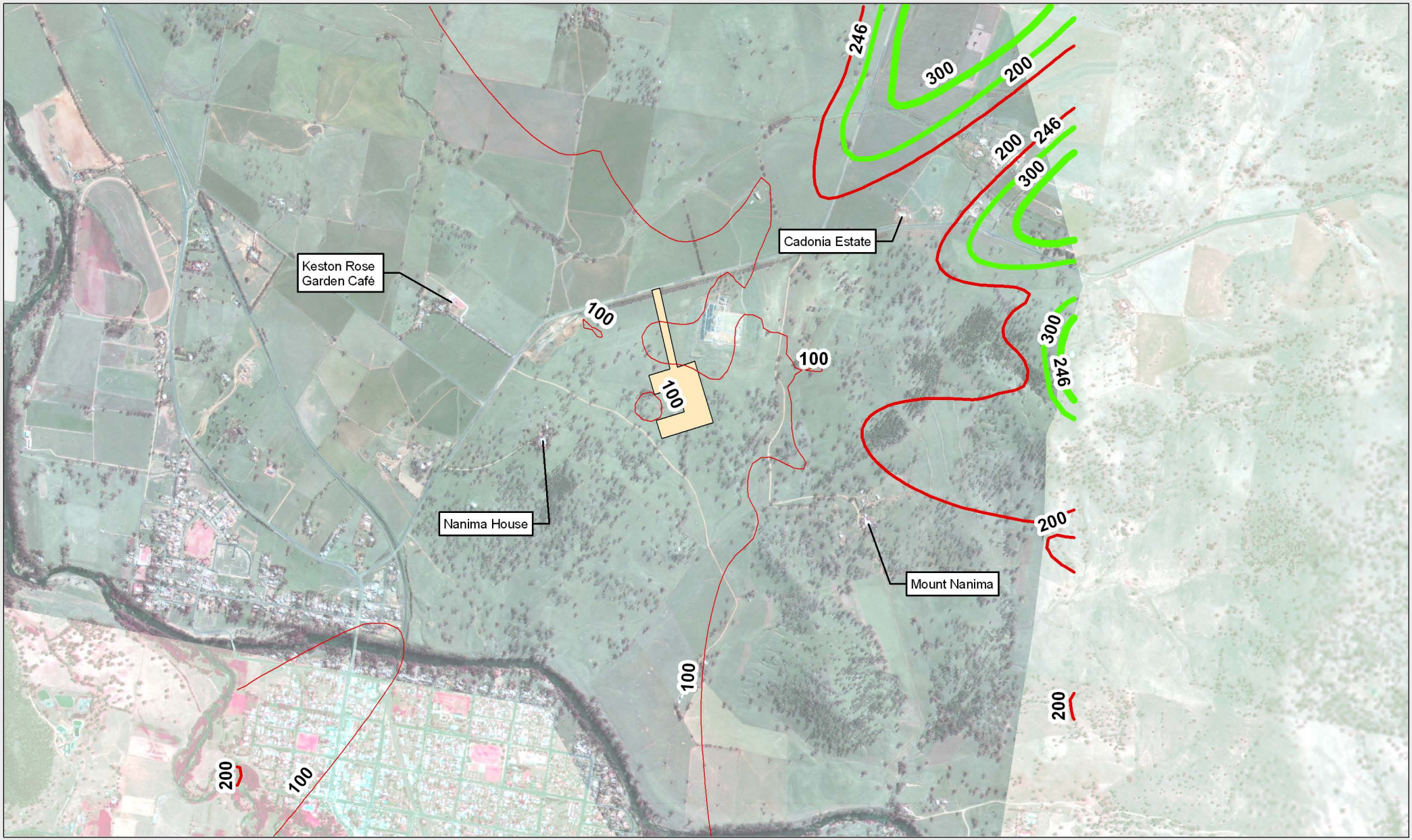


Proposed power station site

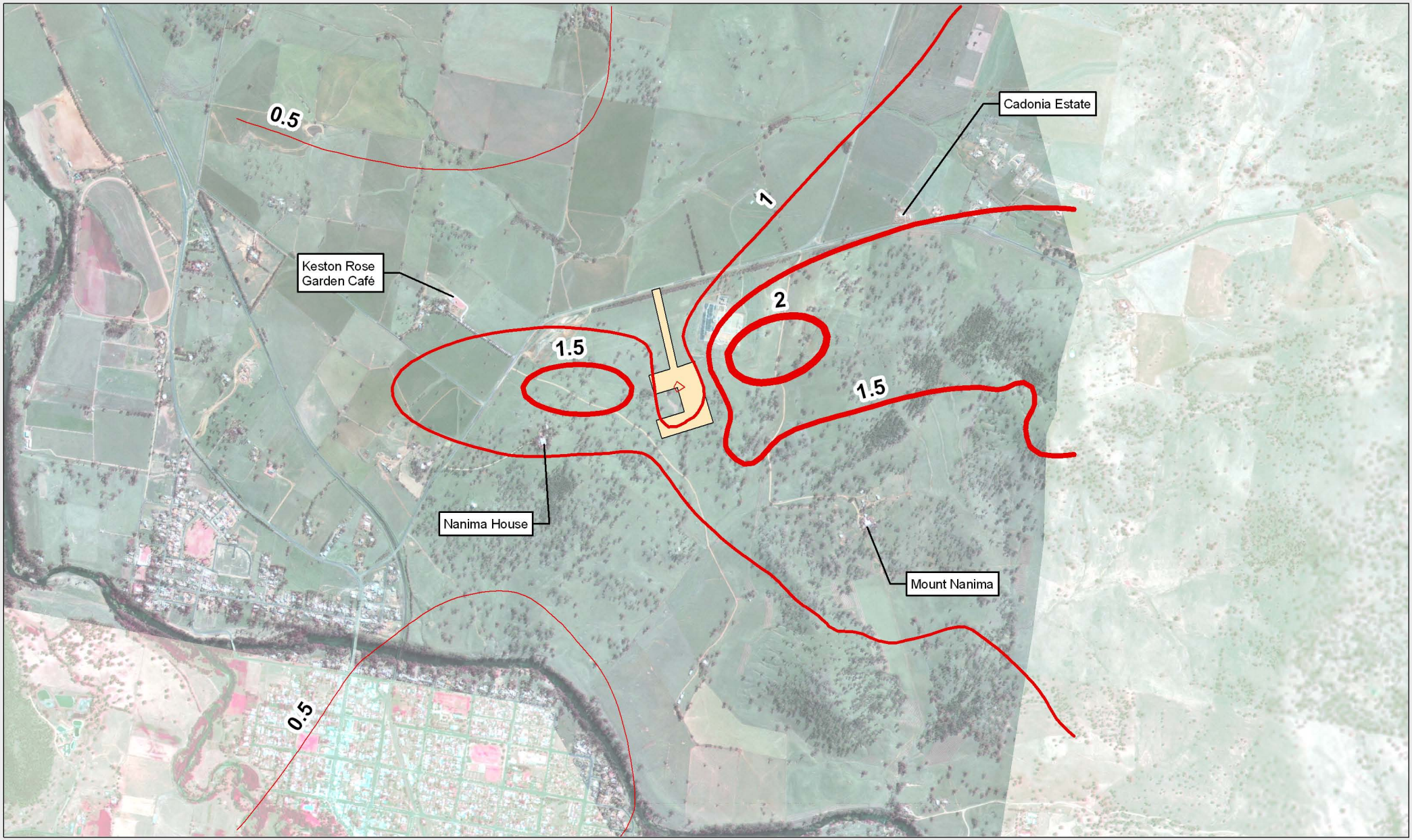
Air quality guideline - 243 µg/m3

Note: Modelled concentrations are start-up conditions for a 1 hour period. Actual start-up conditions would only occur for approximately 6 minutes.

Figure 6-3 Maximum predicted hourly ground level NOx (as NO2) concentration (μg/m3) from the power plant during start up/shut down

0 750 1,500 Metres

21167204_21439_Fig6_3_Normal_hourly.mxd, GK, 14 April 2008



Proposed power station site

Figure 6-4 Maximum predicted annual ground level NOx (as NO2) concentration (μg/m3) from the power plant during start up/shut down

Air quality guideline - 62 μg/m3

0 750 1,500 Metres

Figure 6-5 Maximum Predicted Hourly Ground Level NOx (as NO2) Concentration (μg/m3) from the compressor

Air quality guideline - 246 μg/m3

2116/21DA_2145c_Fig9_5_Compressor_NO2_hourly.mxd MPN 18 March 2008

PARSONS BRINCKERHOFF

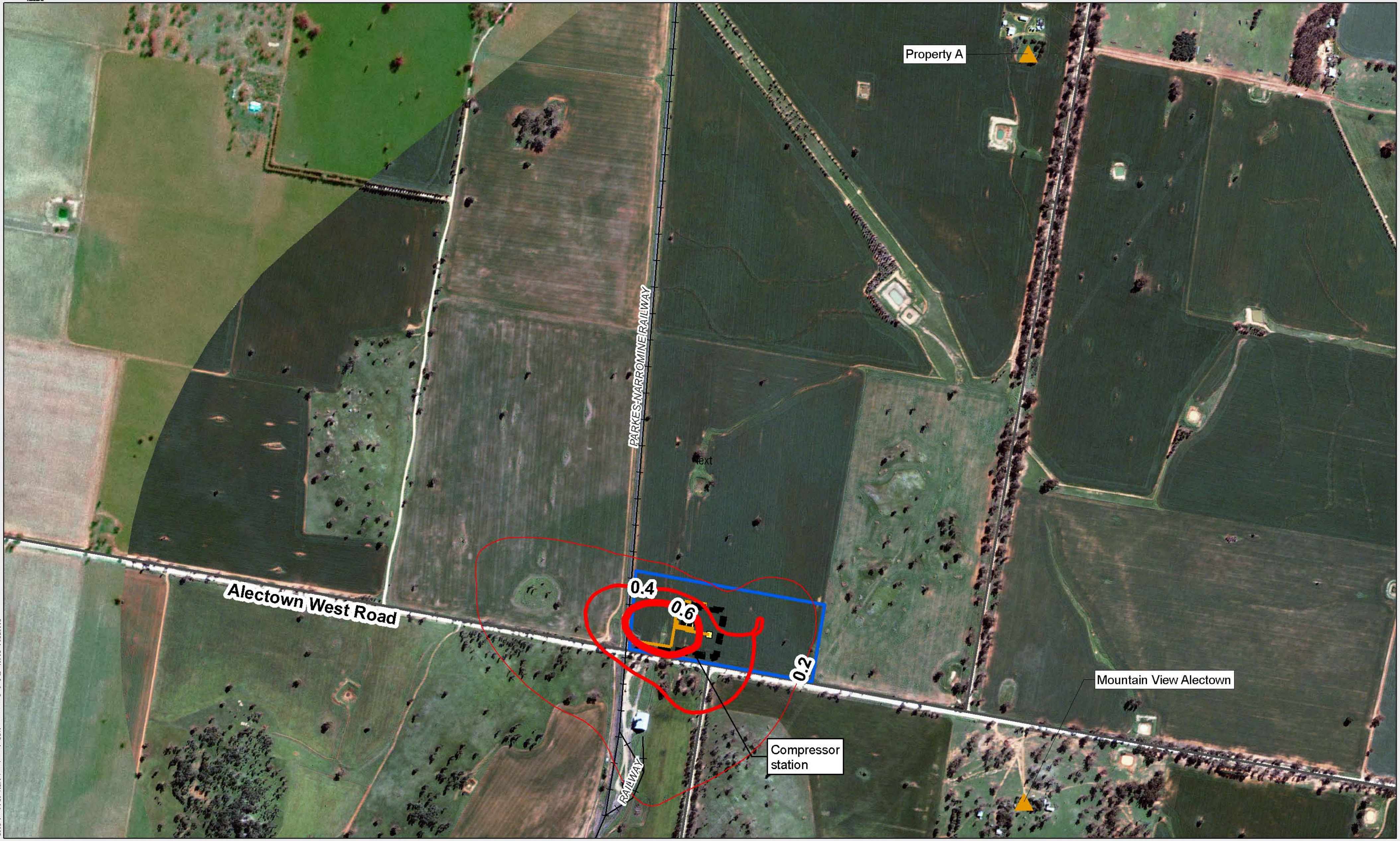


Figure 6-6 Maximum predicted annual ground level NOx (as NO2) concentration (μg/m3) from the compressor

0 250 500 Meters

Air quality guideline - 62 μg/m3

6.5 Miscellaneous emissions

Other emissions may arise during the operation of the power station and compressor station. These would include:

- emissions from cars, delivery vans, HGVs entering/exiting the power station site comprising 20 to 30 vehicle movements per day
- combustion emissions during the operation of the emergency diesel generator
- minor fugitive emissions from fuel and chemicals stored on-site (e.g. diesel, lubricant oils, cleaning chemicals).

7. Statement of air quality impact

To ensure that any impacts arising from the proposed power station and associated infrastructure would not have an adverse impact on the receiving environment, mitigation measures are proposed for the construction and operation of the project as outlined in the following sections.

7.1 Construction

7.1.1 Potential impacts

During unfavourable meteorological conditions, such as dry and windy, dust emissions may be higher, requiring specific corrective measures. The construction environmental management plan (CEMP) would identify triggers and procedures for dealing with these conditions.

Notwithstanding the above, the calculated dust load generated over a typical construction day is small and is not expected to result in reduced local air quality at the nearest potentially affected receptors, given the implementation of recommended safeguards (see Section 7.1.2).

7.1.2 Mitigation measures and safeguards

Dust and vehicle emissions represent the greatest potential for air quality impacts during the construction works. Dust suppression would be implemented during all construction work to reduce impacts throughout the local air shed. The implementation of effective management practices would minimise the potential for impact. The following mitigation measures and safeguards, which would be detailed in the project CEMP, would be implemented during the construction phase of the project:

- develop dust minimisation measures will be developed in consultation with/with agreement of all parties prior to commencement of construction
- dust monitoring (dust deposition/PM_{10}) will be undertaken at selected locations to determine compliance with ambient air quality standards
- a mechanism for generating complaints will be put in place for the duration of the construction phase
- water will be applied to aggregate storage piles, internal unsealed access roadways and work areas, application rates should be related to atmospheric conditions and the intensity of construction operations
- where applicable, sealed roads will be swept to remove deposited material that could generate dust
- revegetation activities will proceed as soon as construction activities are completed within a disturbed area
- disturbed areas will be stabilised as soon as possible to prevent or minimise wind blown dust

- dust generating activities (particularly clearing and excavating) will be avoided or minimised during dry and windy conditions
- site speed limits will be imposed on all construction vehicles at the site
- vehicle and machinery movements during construction will be restricted to designated areas
- rumble grids and wheel wash facilities may be provided at the site exit to remove mud and dust from vehicles
- vehicles transporting material to and from the site will be covered immediately after loading to prevent wind blown dust emissions and spillages; tailgates of road transport trucks will be securely fixed prior to loading and immediately after unloading
- construction plant and equipment will be well maintained and regularly serviced so that vehicular emissions remain within relevant air quality guidelines and standards
- adherence to good site engineering practices will assist in reducing the potential for dust generation
- all site vehicles and machinery will be switched off or throttled down to a minimum when not in use
- excess or unnecessary revving of engines will not be permitted
- all contractors will be required to ensure that vehicles and machinery is maintained in good order
- on-site speed limits will be enforced for all vehicles.

7.2 Operation (power station)

7.2.1 Potential impacts

The main impacts associated with the operation of the power station would arise from combustion emissions from the turbines.

7.2.2 Mitigation measures and safeguards

The following mitigation measures would be put in place to minimise emissions of combustion gases. The gas-fired turbines would use low NO_x technology. During the normal operational mode, the system would be expected to achieve best practice NO_x emissions of 25 ppm for gas-fired power stations complying with emission limits stipulated in the Protection of the Environment Operations (Clean Air) Amendment (Industrial and Commercial Activities and Plant) Regulation 2005. The following mitigation measures would be put in place to minimise emissions to atmosphere:

- emissions from the turbines will be regulated by the operating in-stack limits
- periodic extractive monitoring will be undertaken by both the operator and the regulatory authority to demonstrate compliance with in-stack limits
- a regular and documented maintenance and inspection program will be implemented for all plant items

- on-site good housekeeping and raw material handling practices will be stringently controlled through agreed protocols
- an ambient air monitoring program will be established to ensure all pollutants comply with ambient air quality limit values
- gas detectors will be installed to detect fugitive gas emissions
- all pumps will be rubber sealed to prevent release of natural gas.

7.3 Operation (compressor station)

7.3.1 Potential impacts

The predominant impacts would arise from combustion emissions during operation of the compressor station.

7.3.2 Mitigation measures and safeguards

The following mitigation measures would be put in place to ensure emissions from the compressor station are kept to a minimum:

- emissions from the compressor will be regulated by the operating in-stack limits, this may include periodic monitoring by both the operator and the regulator to demonstrate compliance with in stack limits
- a regular and documented maintenance and inspection program will be implemented for all plant items
- on-site good housekeeping and raw material handling practices will be stringently controlled through agreed protocols.

7.4 Miscellaneous emissions

All other on-site sources are considered minor and of minimal significance. Notwithstanding this, mitigation measures would be implemented as follows:

- adherence to site speed limits
- switching off idling engines or limiting throttling down
- excess or unnecessary revving of engines will not be permitted
- all chemicals and fuels will be stored in sealed containers or sealed buildings
- unloading of diesel will be vented via return hoses that recirculate vapours from delivery to receiver.

8. Conclusions

This Technical Paper has assessed the potential air quality impacts associated with the construction and operation of the proposed open-cycle gas-fired peaking power station at Wellington (and associated infrastructure). The main findings of the assessment are summarised as follows:

- The main impacts during the construction phase are anticipated to arise from dust generated during on-site activities. Comprehensive mitigation measures would ensure that sensitive receptors would not be adversely affected.
- Air quality monitoring data for 2004 and 2005 from Bathurst, Bargo and Bringelly monitoring stations indicate that NO_2 and SO_2 levels are compliant with air quality goals. Exceedances of PM_{10} goals were recorded at Bathurst and O_3 levels were breached at the Bargo and Bringelly stations during this time period.
- the maximum predicted levels for all parameters modelled during normal operations are predicted to be below their respective air quality goals.
- A tiered approach was used to assess the impact of NO_x (as NO_2) from the power plant during normal operations.
- An assessment using the more refined ozone limiting method for estimating NO_2 impact during normal operations indicated that at the location of maximum impact from the power station, approximately 15% of the NO_x will be as NO_2. At this location, the estimated NO_2 concentrations would be further reduced.
- During the 6 minute start-up scenario, the NO_x (as NO_2) concentrations are predicted to exceed the DECC air quality goal during that period only, thereafter reverting to the normal scenario emission levels. As the shortest meteorological averaging period is 1 hour, the NO_x (as NO_2) concentration averaged over this period would comply with the 1 hour air quality goal of 246µg/m^3.
- Predicted maximum emissions of NO_x (as NO_2) and PM_{10} from the compressor station showed compliance with relevant air quality goals.
- Mitigation measures for the operational phase have been proposed to minimise emissions to atmosphere.

In conclusion, air emissions from the proposed open-cycle gas-fired power station and compressor station would not result in exceedances of the relevant air quality goals for the parameters assessed. Furthermore, emissions from the power station would result in acceptable air quality impacts within the area of interest. In conclusion, operation of the power during both normal and start-up scenarios will not adversely affect any sensitive receptor within the vicinity of the OCGT power plant.

9. References

National Environment Protection Council 1998, *National Environmental Protection (Ambient Air Quality) Measure*

National Environment Protection Council 2004*, National Environmental Protection (Air Toxics) Measure*

National Environment Protection Authority Council 1998, *National Environmental Protection (Ambient Air Quality) Measure* (1998)

United Stated Environment Protection Authority 1995, *AP-42 Compilation of Air Pollutant Emission Factors*

NSW Minerals Council *Particulate Matter and Mining Interim Report* [2000]

Department of Environment and Conservation (NSW) 2005a, *Approved Methods for the Modelling and Assessment of Air Pollutants in New South Wales*

Department of Environment and Conservation (NSW) 2005b, Quarterly Air Monitoring Reports for 2004 and 2005

Protection of the Environment Operations (Clean Air) Amendment (Industrial and Commercial Activities and Plant) Regulation 2006

10. Limitations

Scope of services and reliance of data

This air impact study ('the study') has been prepared in accordance with the scope of work/services set out in the contract, or as otherwise agreed, between Parsons Brinckerhoff (PB) and the Client. In preparing this air impact study, PB has relied upon data, surveys, analyses, designs, plans and other information provided by the Client and other individuals and organisations, most of which are referred to in the air impact study ('the data'). Except as otherwise stated in the air impact study, PB has not verified the accuracy or completeness of the data. To the extent that the statements, opinions, facts, information, conclusions and/or recommendations in this air impact study ('conclusions') are based in whole or part on the data, those conclusions are contingent upon the accuracy and completeness of the data. PB will not be liable in relation to incorrect conclusions should any data, information or condition be incorrect or have been concealed, withheld, misrepresented or otherwise not fully disclosed to PB.

Study for benefit of client

This air impact study has been prepared for the exclusive benefit of the Client and no other party. PB assumes no responsibility and will not be liable to any other person or organisation for or in relation to any matter dealt within this air impact study, or for any loss or damage suffered by any other person or organisation arising from matters dealt with or conclusions expressed in this air impact study (including without limitation matters arising from any negligent act or omission of PB or for any loss or damage suffered by any other party relying upon the matters dealt with or conclusions expressed in this air impact study). Other parties should not rely upon the air impact study or the accuracy or completeness of any conclusions and should make their own inquiries and obtain independent advice in relation to such matters.

Other limitations

To the best of PB's knowledge, the project presented and the facts and matters described in this air impact study reasonably represent the Client's intentions at the time of printing of the air impact study. However, the passage of time, the manifestation of latent conditions or the impact of future events (including a change in applicable law) may have resulted in a variation of the project and of its possible air impact.

PB will not be liable to update or revise the air impact study to take into account any events or emergent circumstances or facts occurring or becoming apparent after the date of the air impact study.

Appendix A

Wind data for Wellington, NSW

Statistics:

STATISTICS FOR FILE: C:\Jobs\TAPM\Welling\well0405.aus
MONTHS: All
HOURS : All
OPTION: Frequency

PASQUILL STABILITY CLASS 'A'

Wind Speed Class (m/s)

WIND SECTOR	0.50 TO 1.50	1.50 TO 3.00	3.00 TO 4.50	4.50 TO 6.00	6.00 TO 7.50	7.50 TO 9.00	9.00 TO 10.50	GREATER THAN 10.50	TOTAL
NNE	0.000000	0.000057	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000057
NE	0.000114	0.000057	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000171
ENE	0.000000	0.000114	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000114
E	0.000057	0.000057	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000114
ESE	0.000057	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000057
SE	0.000000	0.000057	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000057
SSE	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
S	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
SSW	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
SW	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
WSW	0.000057	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000057
W	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
WNW	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
NW	0.000171	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000171
NNW	0.000000	0.000057	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000057
N	0.000000	0.000057	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000057
CALM									0.000171
TOTAL	0.000456	0.000456	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.001083

MEAN WIND SPEED (m/s) = 1.31
NUMBER OF OBSERVATIONS = 19

PASQUILL STABILITY CLASS 'B'

Wind Speed Class (m/s)

WIND SECTOR	0.50 TO 1.50	1.50 TO 3.00	3.00 TO 4.50	4.50 TO 6.00	6.00 TO 7.50	7.50 TO 9.00	9.00 TO 10.50	GREATER THAN 10.50	TOTAL
NNE	0.001197	0.002850	0.000798	0.000000	0.000000	0.000000	0.000000	0.000000	0.004845
NE	0.000855	0.002337	0.000912	0.000000	0.000000	0.000000	0.000000	0.000000	0.004104
ENE	0.000741	0.002964	0.001767	0.000171	0.000000	0.000000	0.000000	0.000000	0.005643
E	0.000798	0.003306	0.001425	0.000171	0.000000	0.000000	0.000000	0.000000	0.005700
ESE	0.001083	0.003306	0.000969	0.000228	0.000000	0.000000	0.000000	0.000000	0.005586
SE	0.001254	0.003135	0.000399	0.000114	0.000000	0.000000	0.000000	0.000000	0.004902
SSE	0.000627	0.001026	0.000627	0.000000	0.000000	0.000000	0.000000	0.000000	0.002280
S	0.000456	0.000627	0.000228	0.000000	0.000000	0.000000	0.000000	0.000000	0.001311
SSW	0.000285	0.000399	0.000171	0.000000	0.000000	0.000000	0.000000	0.000000	0.000855
SW	0.000228	0.001026	0.000855	0.000171	0.000000	0.000000	0.000000	0.000000	0.002280
WSW	0.000627	0.002223	0.001824	0.000513	0.000000	0.000000	0.000000	0.000000	0.005187
W	0.000513	0.002451	0.001881	0.000000	0.000000	0.000000	0.000000	0.000000	0.004845
WNW	0.000684	0.002337	0.000684	0.000000	0.000000	0.000000	0.000000	0.000000	0.003705
NW	0.001197	0.003705	0.000969	0.000000	0.000000	0.000000	0.000000	0.000000	0.005871
NNW	0.001653	0.004674	0.001083	0.000000	0.000000	0.000000	0.000000	0.000000	0.007410
N	0.001197	0.003078	0.000855	0.000000	0.000000	0.000000	0.000000	0.000000	0.005130
CALM									0.002850
TOTAL	0.013395	0.039444	0.015447	0.001368	0.000000	0.000000	0.000000	0.000000	0.072503

MEAN WIND SPEED (m/s) = 2.34
NUMBER OF OBSERVATIONS = 1272

PASQUILL STABILITY CLASS 'C'

Wind Speed Class (m/s)

WIND SECTOR	0.50 TO 1.50	1.50 TO 3.00	3.00 TO 4.50	4.50 TO 6.00	6.00 TO 7.50	7.50 TO 9.00	9.00 TO 10.50	GREATER THAN 10.50	TOTAL
NNE	0.001881	0.004560	0.003705	0.001710	0.000000	0.000000	0.000000	0.000000	0.011856
NE	0.001311	0.003591	0.004104	0.001368	0.000000	0.000000	0.000000	0.000000	0.010374
ENE	0.001425	0.002337	0.004902	0.002451	0.000285	0.000000	0.000000	0.000000	0.011400
E	0.001824	0.003249	0.006498	0.008094	0.001824	0.000000	0.000000	0.000000	0.021489
ESE	0.001596	0.004389	0.003078	0.002679	0.000456	0.000000	0.000000	0.000000	0.012198
SE	0.002223	0.005358	0.002166	0.000171	0.000114	0.000000	0.000000	0.000000	0.010032
SSE	0.003819	0.005415	0.002223	0.000057	0.000000	0.000000	0.000000	0.000000	0.011514
S	0.000684	0.000741	0.000798	0.000057	0.000000	0.000000	0.000000	0.000000	0.002280
SSW	0.000285	0.000513	0.001311	0.000969	0.000057	0.000000	0.000000	0.000000	0.003135
SW	0.000399	0.000627	0.002565	0.001938	0.000513	0.000057	0.000000	0.000000	0.006099
WSW	0.000285	0.001596	0.004845	0.003021	0.001197	0.000057	0.000000	0.000000	0.011001
W	0.000570	0.001995	0.005244	0.001710	0.000627	0.000000	0.000000	0.000000	0.010146
WNW	0.000342	0.002451	0.003534	0.001482	0.000114	0.000000	0.000000	0.000000	0.007923
NW	0.001254	0.003876	0.005016	0.001197	0.000399	0.000000	0.000000	0.000000	0.011742
NNW	0.001596	0.005415	0.004902	0.001767	0.000285	0.000057	0.000000	0.000000	0.014022
N	0.001710	0.005244	0.004617	0.001197	0.000000	0.000000	0.000000	0.000000	0.012768
CALM									0.004674
TOTAL	0.021204	0.051357	0.059508	0.029868	0.005871	0.000171	0.000000	0.000000	0.172652

MEAN WIND SPEED (m/s) = 3.28
NUMBER OF OBSERVATIONS = 3029

PASQUILL STABILITY CLASS 'D'

Wind Speed Class (m/s)

WIND SECTOR	0.50 TO 1.50	1.50 TO 3.00	3.00 TO 4.50	4.50 TO 6.00	6.00 TO 7.50	7.50 TO 9.00	9.00 TO 10.50	GREATER THAN 10.50	TOTAL
NNE	0.002451	0.006270	0.007581	0.007410	0.001368	0.000000	0.000000	0.000000	0.025080
NE	0.002679	0.006042	0.004959	0.005472	0.002109	0.000456	0.000000	0.000000	0.021717
ENE	0.001482	0.003876	0.006954	0.006897	0.003078	0.000171	0.000000	0.000000	0.022458
E	0.003705	0.003534	0.009519	0.011856	0.005529	0.000570	0.000570	0.000000	0.035283
ESE	0.003477	0.007524	0.005757	0.012768	0.007182	0.001767	0.000000	0.000000	0.038475
SE	0.004902	0.014193	0.002850	0.001710	0.000684	0.000000	0.000000	0.000000	0.024339
SSE	0.003933	0.018183	0.003192	0.000171	0.000228	0.000000	0.000000	0.000000	0.025707
S	0.000912	0.001653	0.001140	0.000684	0.000627	0.000000	0.000000	0.000000	0.005016
SSW	0.000285	0.001026	0.002622	0.001197	0.000399	0.000000	0.000000	0.000000	0.005529
SW	0.000627	0.002907	0.006840	0.002565	0.001140	0.000114	0.000000	0.000000	0.014193
WSW	0.000855	0.003648	0.008436	0.004332	0.001482	0.000627	0.000228	0.000000	0.019608
W	0.001368	0.004617	0.005016	0.003876	0.002907	0.000399	0.000000	0.000000	0.018183
WNW	0.001140	0.003876	0.003705	0.003135	0.001311	0.000342	0.000000	0.000000	0.013509
NW	0.001653	0.004902	0.004161	0.003705	0.001482	0.000969	0.000171	0.000057	0.017100
NNW	0.001767	0.005016	0.006612	0.003249	0.001995	0.000912	0.000057	0.000057	0.019665
N	0.003021	0.007695	0.006840	0.005130	0.002052	0.000684	0.000000	0.000000	0.025422
CALM									0.008322
TOTAL	0.034257	0.094961	0.086183	0.074156	0.033573	0.007011	0.001026	0.000114	0.339603

MEAN WIND SPEED (m/s) = 3.75
NUMBER OF OBSERVATIONS = 5958

PASQUILL STABILITY CLASS 'E'

Wind Speed Class (m/s)

WIND SECTOR	0.50 TO 1.50	1.50 TO 3.00	3.00 TO 4.50	4.50 TO 6.00	6.00 TO 7.50	7.50 TO 9.00	9.00 TO 10.50	GREATER THAN 10.50	TOTAL
NNE	0.000456	0.001026	0.011799	0.003819	0.000000	0.000000	0.000000	0.000000	0.017100
NE	0.001140	0.000741	0.008037	0.003249	0.000000	0.000000	0.000000	0.000000	0.013167
ENE	0.000912	0.001254	0.009063	0.004845	0.000000	0.000000	0.000000	0.000000	0.016074
E	0.003192	0.001653	0.012939	0.003591	0.000000	0.000000	0.000000	0.000000	0.021375
ESE	0.003591	0.002109	0.014364	0.003420	0.000000	0.000000	0.000000	0.000000	0.023484
SE	0.007866	0.011172	0.003648	0.000228	0.000000	0.000000	0.000000	0.000000	0.022914
SSE	0.003990	0.009918	0.003021	0.000057	0.000000	0.000000	0.000000	0.000000	0.016986
S	0.001140	0.000513	0.000627	0.000057	0.000000	0.000000	0.000000	0.000000	0.002337
SSW	0.000684	0.000456	0.000912	0.000057	0.000000	0.000000	0.000000	0.000000	0.002109
SW	0.000741	0.000798	0.001254	0.000228	0.000000	0.000000	0.000000	0.000000	0.003021
WSW	0.000969	0.000969	0.001083	0.000171	0.000000	0.000000	0.000000	0.000000	0.003192
W	0.000627	0.001482	0.001026	0.000114	0.000000	0.000000	0.000000	0.000000	0.003249
WNW	0.000798	0.001311	0.000570	0.000114	0.000000	0.000000	0.000000	0.000000	0.002793
NW	0.001026	0.000969	0.000456	0.000000	0.000000	0.000000	0.000000	0.000000	0.002451
NNW	0.001083	0.001254	0.002166	0.000000	0.000000	0.000000	0.000000	0.000000	0.004503
N	0.000513	0.003306	0.005187	0.001767	0.000000	0.000000	0.000000	0.000000	0.010773
CALM									0.001824
TOTAL	0.028728	0.038931	0.076151	0.021717	0.000000	0.000000	0.000000	0.000000	0.167351

MEAN WIND SPEED (m/s) = 3.15
NUMBER OF OBSERVATIONS = 2936

PASQUILL STABILITY CLASS 'F'

Wind Speed Class (m/s)

WIND SECTOR	0.50 TO 1.50	1.50 TO 3.00	3.00 TO 4.50	4.50 TO 6.00	6.00 TO 7.50	7.50 TO 9.00	9.00 TO 10.50	GREATER THAN 10.50	TOTAL
NNE	0.000228	0.005301	0.003990	0.000000	0.000000	0.000000	0.000000	0.000000	0.009519
NE	0.000741	0.007182	0.004446	0.000000	0.000000	0.000000	0.000000	0.000000	0.012369
ENE	0.001311	0.008778	0.004161	0.000000	0.000000	0.000000	0.000000	0.000000	0.014250
E	0.002052	0.007068	0.005016	0.000000	0.000000	0.000000	0.000000	0.000000	0.014136
ESE	0.002223	0.016017	0.011856	0.000000	0.000000	0.000000	0.000000	0.000000	0.030096
SE	0.003306	0.061332	0.009918	0.000000	0.000000	0.000000	0.000000	0.000000	0.074555
SSE	0.002223	0.037392	0.012882	0.000000	0.000000	0.000000	0.000000	0.000000	0.052497
S	0.000627	0.004617	0.001425	0.000000	0.000000	0.000000	0.000000	0.000000	0.006669
SSW	0.000171	0.004617	0.001311	0.000000	0.000000	0.000000	0.000000	0.000000	0.006099
SW	0.000114	0.004959	0.001824	0.000000	0.000000	0.000000	0.000000	0.000000	0.006897
WSW	0.000228	0.002166	0.001083	0.000000	0.000000	0.000000	0.000000	0.000000	0.003477
W	0.000456	0.001767	0.000513	0.000000	0.000000	0.000000	0.000000	0.000000	0.002736
WNW	0.000285	0.001653	0.000912	0.000000	0.000000	0.000000	0.000000	0.000000	0.002850
NW	0.000456	0.000855	0.000513	0.000000	0.000000	0.000000	0.000000	0.000000	0.001824
NNW	0.000228	0.001311	0.001368	0.000000	0.000000	0.000000	0.000000	0.000000	0.002907
N	0.000456	0.002964	0.002508	0.000000	0.000000	0.000000	0.000000	0.000000	0.005928
CALM									0.000000
TOTAL	0.015105	0.167978	0.063725	0.000000	0.000000	0.000000	0.000000	0.000000	0.246808

MEAN WIND SPEED (m/s) = 2.58
NUMBER OF OBSERVATIONS = 4330

ALL PASQUILL STABILITY CLASSES

Wind Speed Class (m/s)

WIND SECTOR	0.50 TO 1.50	1.50 TO 3.00	3.00 TO 4.50	4.50 TO 6.00	6.00 TO 7.50	7.50 TO 9.00	9.00 TO 10.50	GREATER THAN 10.50	TOTAL
NNE	0.006213	0.020064	0.027873	0.012939	0.001368	0.000000	0.000000	0.000000	0.068456
NE	0.006840	0.019950	0.022458	0.010089	0.002109	0.000456	0.000000	0.000000	0.061902
ENE	0.005871	0.019323	0.026847	0.014364	0.003363	0.000171	0.000000	0.000000	0.069938
E	0.011628	0.018867	0.035397	0.023712	0.007353	0.000570	0.000570	0.000000	0.098096
ESE	0.012027	0.033345	0.036024	0.019095	0.007638	0.001767	0.000000	0.000000	0.109895
SE	0.019551	0.095246	0.018981	0.002223	0.000798	0.000000	0.000000	0.000000	0.136799
SSE	0.014592	0.071933	0.021945	0.000285	0.000228	0.000000	0.000000	0.000000	0.108983
S	0.003819	0.008151	0.004218	0.000798	0.000627	0.000000	0.000000	0.000000	0.017613
SSW	0.001710	0.007011	0.006327	0.002223	0.000456	0.000000	0.000000	0.000000	0.017727
SW	0.002109	0.010317	0.013338	0.004902	0.001653	0.000171	0.000000	0.000000	0.032490
WSW	0.003021	0.010602	0.017271	0.008037	0.002679	0.000684	0.000228	0.000000	0.042522
W	0.003534	0.012312	0.013680	0.005700	0.003534	0.000399	0.000000	0.000000	0.039159
WNW	0.003249	0.011628	0.009405	0.004731	0.001425	0.000342	0.000000	0.000000	0.030780
NW	0.005757	0.014307	0.011115	0.004902	0.001881	0.000969	0.000171	0.000057	0.039159
NNW	0.006327	0.017727	0.016131	0.005016	0.002280	0.000969	0.000057	0.000057	0.048564
N	0.006897	0.022344	0.020007	0.008094	0.002052	0.000684	0.000000	0.000000	0.060078
CALM									0.017841
TOTAL	0.113144	0.393126	0.301015	0.127109	0.039444	0.007182	0.001026	0.000114	1.000000

MEAN WIND SPEED (m/s) = 3.17
NUMBER OF OBSERVATIONS = 17544

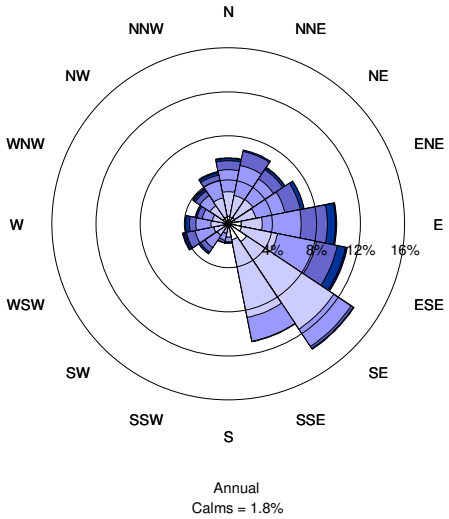
FREQUENCY OF OCCURENCE OF STABILITY CLASSES

A : 0.1%
B : 7.3%
C : 17.3%
D : 34.0%
E : 16.7%
F : 24.7%

Appendix B

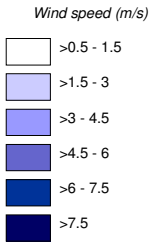
Annual and seasonal wind rose plots

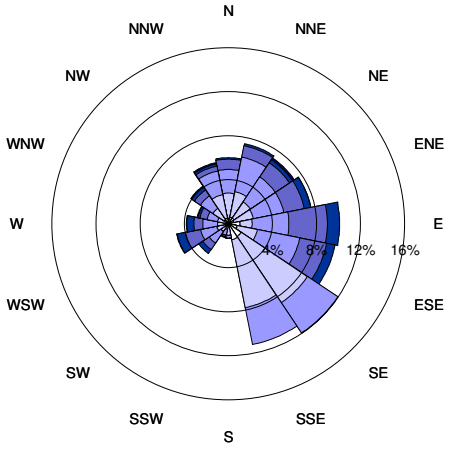
Wind-roses:



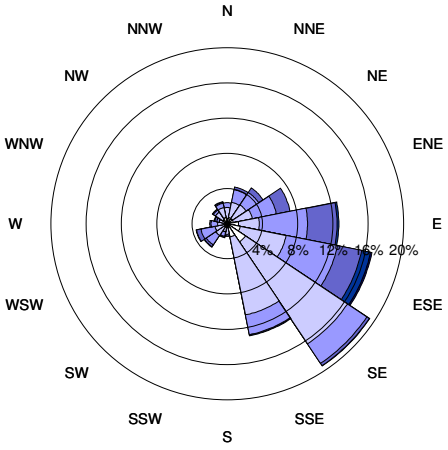
Annual
Calms = 1.8%

Annual and seasonal windroses for Wellington NSW (2004/2005 by TAPM)

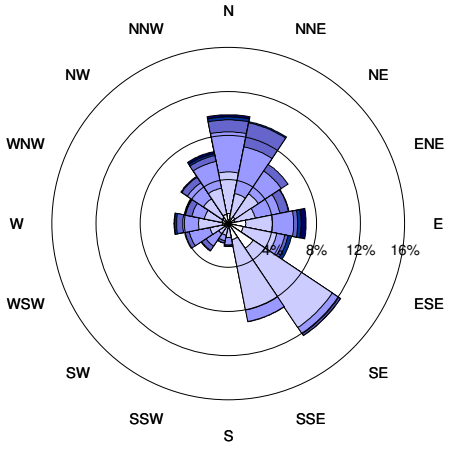




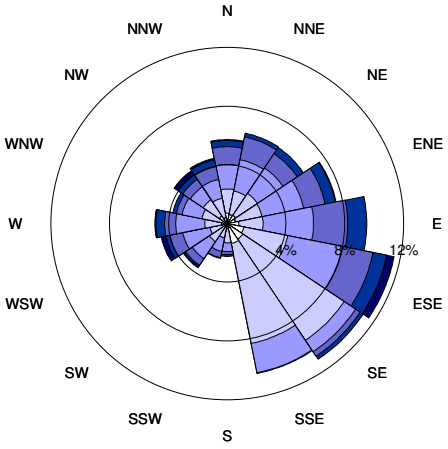
Summer
Calms = 1.6%



Autumn
Calms = 1.7%



Winter
Calms = 2.6%



Spring
Calms = 1.3%

Appendix C

Sample AERMOD input/output files

```
** BREEZE AERMOD
** Trinity Consultants
** VERSION  6.1

CO STARTING
CO TITLEONE  NO2
CO MODELOPT  CONC
CO RUNORNOT  RUN
CO AVERTIME  1  ANNUAL
CO POLLUTID  OTHER
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  Z2KRK000  POINT     584144.86  6399151.89  350.00
** SRCDESCR  Stack 1
SO LOCATION  6FZE300G  POINT     584158.89  6399107.95  350.00
** SRCDESCR  Stack 2
SO LOCATION  6FZE300H  POINT     584170.43  6399067.02  350.00
** SRCDESCR  Stack 3
SO LOCATION  6FZE300I  POINT     584185.13  6399020.84  350.00
** SRCDESCR  Stack 4
SO SRCPARAM  Z2KRK000  21  35  825  40.6  6.2
SO SRCPARAM  6FZE300G  21  35  825  40.6  6.2
SO SRCPARAM  6FZE300H  21  35  825  40.6  6.2
SO SRCPARAM  6FZE300I  21  35  825  40.6  6.2
SO BUILDHGT  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  6FZE300G       0.00      0.00      0.00      0.00      0.00      0.00
```

SO	BUILDWID	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00

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SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE GRIDCART Z2KRK009 STA
RE GRIDCART Z2KRK009 XYINC  581720.0  47  100  6396570.0  47  100
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  301.  305.  310.  317.  323.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  301.  305.  309.  312.  318.  325.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  305.  309.  313.  318.  320.  326.
RE GRIDCART Z2KRK009 ELEV  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  4  300.  300.  300.  300.  300.  301.  305.  307.
RE GRIDCART Z2KRK009 ELEV  4  307.  305.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  4  302.  308.  313.  318.  322.  326.  328.
RE GRIDCART Z2KRK009 ELEV  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  5  300.  300.  301.  306.  310.  313.  318.  321.
RE GRIDCART Z2KRK009 ELEV  5  322.  320.  311.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  5  304.  310.  317.  322.  326.  330.  333.
RE GRIDCART Z2KRK009 ELEV  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  6  300.  300.  307.  315.  321.  325.  328.  335.
RE GRIDCART Z2KRK009 ELEV  6  336.  337.  329.  312.  300.  300.  300.  301.
RE GRIDCART Z2KRK009 ELEV  6  307.  313.  319.  325.  330.  335.  339.
RE GRIDCART Z2KRK009 ELEV  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  7  300.  302.  313.  321.  328.  335.  340.  346.
RE GRIDCART Z2KRK009 ELEV  7  355.  358.  348.  332.  316.  300.  300.  302.
RE GRIDCART Z2KRK009 ELEV  7  309.  315.  321.  327.  334.  339.  343.
RE GRIDCART Z2KRK009 ELEV  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  8  300.  305.  315.  326.  334.  341.  348.  375.
RE GRIDCART Z2KRK009 ELEV  8  399.  396.  370.  346.  325.  317.  308.  305.
RE GRIDCART Z2KRK009 ELEV  8  310.  316.  323.  329.  336.  342.  347.
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RE GRIDCART Z2KRK009 ELEV  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  9  300.  306.  317.  328.  339.  348.  373.  400.
RE GRIDCART Z2KRK009 ELEV  9  400.  400.  378.  352.  337.  322.  315.  309.
RE GRIDCART Z2KRK009 ELEV  9  314.  320.  325.  330.  337.  343.  350.
RE GRIDCART Z2KRK009 ELEV  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  10  300.  306.  317.  328.  339.  349.  381.  400.
RE GRIDCART Z2KRK009 ELEV  10  400.  397.  372.  349.  335.  329.  322.  315.
RE GRIDCART Z2KRK009 ELEV  10  318.  324.  329.  334.  340.  345.  350.
RE GRIDCART Z2KRK009 ELEV  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  11  300.  306.  317.  328.  337.  347.  372.  398.
RE GRIDCART Z2KRK009 ELEV  11  400.  387.  365.  349.  342.  335.  329.  322.
RE GRIDCART Z2KRK009 ELEV  11  322.  328.  333.  339.  344.  349.  350.
RE GRIDCART Z2KRK009 ELEV  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  12  300.  306.  317.  326.  335.  343.  357.  379.
RE GRIDCART Z2KRK009 ELEV  12  388.  378.  356.  350.  349.  342.  336.  329.
RE GRIDCART Z2KRK009 ELEV  12  326.  332.  337.  343.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  13  300.  305.  314.  322.  331.  340.  348.  356.
RE GRIDCART Z2KRK009 ELEV  13  369.  370.  350.  350.  350.  349.  343.  336.
RE GRIDCART Z2KRK009 ELEV  13  332.  336.  341.  347.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  14  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  14  300.  300.  300.  300.  300.  301.  302.  303.
RE GRIDCART Z2KRK009 ELEV  14  304.  305.  306.  305.  304.  303.  302.  301.
RE GRIDCART Z2KRK009 ELEV  14  303.  309.  315.  321.  329.  338.  347.  350.
RE GRIDCART Z2KRK009 ELEV  14  350.  358.  350.  350.  350.  350.  350.  343.
RE GRIDCART Z2KRK009 ELEV  14  338.  340.  345.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  15  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  15  300.  300.  303.  304.  305.  307.  308.  309.
RE GRIDCART Z2KRK009 ELEV  15  310.  311.  312.  311.  310.  309.  307.  307.
RE GRIDCART Z2KRK009 ELEV  15  312.  316.  320.  325.  329.  337.  345.  350.
RE GRIDCART Z2KRK009 ELEV  15  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  15  344.  344.  349.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  16  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  16  302.  305.  307.  309.  311.  313.  314.  315.
RE GRIDCART Z2KRK009 ELEV  16  316.  318.  318.  317.  316.  314.  313.  316.
RE GRIDCART Z2KRK009 ELEV  16  320.  324.  329.  333.  337.  342.  346.  350.
RE GRIDCART Z2KRK009 ELEV  16  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  16  350.  349.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  17  300.  300.  300.  300.  300.  300.  301.  304.
RE GRIDCART Z2KRK009 ELEV  17  307.  309.  312.  315.  316.  318.  320.  321.
RE GRIDCART Z2KRK009 ELEV  17  323.  324.  324.  322.  321.  319.  320.  324.
RE GRIDCART Z2KRK009 ELEV  17  328.  333.  337.  341.  346.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  17  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  17  350.  350.  350.  350.  353.  356.  359.
RE GRIDCART Z2KRK009 ELEV  18  300.  300.  300.  300.  300.  302.  305.  308.
RE GRIDCART Z2KRK009 ELEV  18  311.  314.  317.  319.  322.  324.  326.  327.
RE GRIDCART Z2KRK009 ELEV  18  329.  330.  329.  328.  326.  324.  328.  332.
RE GRIDCART Z2KRK009 ELEV  18  337.  341.  345.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  18  350.  350.  350.  350.  350.  350.  350.  355.
RE GRIDCART Z2KRK009 ELEV  18  358.  358.  359.  362.  365.  369.  370.
RE GRIDCART Z2KRK009 ELEV  19  300.  300.  300.  300.  302.  305.  308.  312.
RE GRIDCART Z2KRK009 ELEV  19  315.  319.  321.  324.  327.  329.  331.  333.
RE GRIDCART Z2KRK009 ELEV  19  335.  336.  335.  334.  330.  332.  336.  341.
RE GRIDCART Z2KRK009 ELEV  19  345.  349.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  19  350.  350.  350.  350.  350.  350.  351.  359.
RE GRIDCART Z2KRK009 ELEV  19  368.  370.  371.  375.  378.  382.  381.
RE GRIDCART Z2KRK009 ELEV  20  300.  300.  300.  302.  305.  308.  312.  315.
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RE GRIDCART Z2KRK009 ELEV  20  318.  321.  325.  329.  331.  334.  337.  339.
RE GRIDCART Z2KRK009 ELEV  20  341.  342.  340.  338.  336.  340.  345.  349.
RE GRIDCART Z2KRK009 ELEV  20  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  20  350.  350.  350.  350.  350.  350.  356.  364.
RE GRIDCART Z2KRK009 ELEV  20  373.  382.  383.  388.  391.  393.  392.
RE GRIDCART Z2KRK009 ELEV  21  300.  300.  300.  304.  307.  311.  314.  318.
RE GRIDCART Z2KRK009 ELEV  21  321.  325.  328.  331.  336.  339.  341.  345.
RE GRIDCART Z2KRK009 ELEV  21  347.  347.  345.  342.  344.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  21  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  21  350.  350.  350.  350.  350.  350.  355.  365.
RE GRIDCART Z2KRK009 ELEV  21  376.  386.  395.  401.  408.  410.  410.
RE GRIDCART Z2KRK009 ELEV  22  300.  300.  303.  306.  310.  313.  317.  320.
RE GRIDCART Z2KRK009 ELEV  22  324.  327.  331.  334.  338.  341.  346.  350.
RE GRIDCART Z2KRK009 ELEV  22  350.  350.  349.  348.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  22  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  22  350.  350.  350.  350.  350.  350.  356.  368.
RE GRIDCART Z2KRK009 ELEV  22  380.  391.  401.  419.  433.  436.  437.
RE GRIDCART Z2KRK009 ELEV  23  300.  302.  305.  309.  312.  316.  319.  323.
RE GRIDCART Z2KRK009 ELEV  23  326.  330.  333.  337.  340.  344.  347.  350.
RE GRIDCART Z2KRK009 ELEV  23  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  23  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  23  350.  350.  350.  350.  350.  350.  357.  369.
RE GRIDCART Z2KRK009 ELEV  23  380.  392.  406.  425.  445.  450.  450.
RE GRIDCART Z2KRK009 ELEV  24  300.  304.  307.  311.  314.  318.  322.  325.
RE GRIDCART Z2KRK009 ELEV  24  329.  332.  335.  338.  342.  345.  348.  350.
RE GRIDCART Z2KRK009 ELEV  24  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  24  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  24  350.  350.  350.  350.  350.  357.  363.  370.
RE GRIDCART Z2KRK009 ELEV  24  380.  391.  405.  424.  434.  443.  450.
RE GRIDCART Z2KRK009 ELEV  25  303.  306.  309.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 ELEV  25  328.  331.  334.  337.  340.  344.  347.  350.
RE GRIDCART Z2KRK009 ELEV  25  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  25  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  25  350.  350.  350.  350.  353.  358.  365.  374.
RE GRIDCART Z2KRK009 ELEV  25  383.  392.  404.  413.  421.  433.  450.
RE GRIDCART Z2KRK009 ELEV  26  303.  306.  309.  312.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 ELEV  26  327.  330.  333.  336.  339.  343.  346.  349.
RE GRIDCART Z2KRK009 ELEV  26  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  26  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  26  350.  350.  350.  350.  356.  361.  366.  373.
RE GRIDCART Z2KRK009 ELEV  26  382.  391.  400.  400.  412.  431.  449.
RE GRIDCART Z2KRK009 ELEV  27  303.  306.  309.  312.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 ELEV  27  327.  330.  333.  336.  339.  342.  345.  348.
RE GRIDCART Z2KRK009 ELEV  27  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  27  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  27  350.  350.  350.  353.  359.  364.  369.  374.
RE GRIDCART Z2KRK009 ELEV  27  381.  390.  400.  400.  411.  430.  450.
RE GRIDCART Z2KRK009 ELEV  28  304.  307.  310.  313.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 ELEV  28  327.  330.  333.  336.  339.  342.  345.  347.
RE GRIDCART Z2KRK009 ELEV  28  349.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  28  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  28  350.  350.  351.  356.  362.  367.  372.  377.
RE GRIDCART Z2KRK009 ELEV  28  383.  389.  398.  400.  406.  421.  436.
RE GRIDCART Z2KRK009 ELEV  29  304.  307.  310.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 ELEV  29  328.  331.  333.  336.  339.  342.  344.  346.
RE GRIDCART Z2KRK009 ELEV  29  348.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  29  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  29  350.  350.  354.  360.  365.  370.  375.  380.
RE GRIDCART Z2KRK009 ELEV  29  386.  391.  397.  400.  400.  409.  425.
RE GRIDCART Z2KRK009 ELEV  30  304.  307.  310.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 ELEV  30  328.  330.  333.  336.  338.  341.  342.  344.
RE GRIDCART Z2KRK009 ELEV  30  347.  349.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  30  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  30  350.  352.  357.  362.  367.  372.  377.  382.
RE GRIDCART Z2KRK009 ELEV  30  387.  392.  397.  400.  400.  400.  413.
RE GRIDCART Z2KRK009 ELEV  31  305.  308.  311.  314.  316.  319.  322.  324.
RE GRIDCART Z2KRK009 ELEV  31  327.  330.  332.  335.  337.  339.  341.  343.
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RE GRIDCART Z2KRK009 ELEV  31  346.  348.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  31  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  31  350.  353.  358.  363.  368.  373.  378.  383.
RE GRIDCART Z2KRK009 ELEV  31  388.  393.  397.  399.  400.  400.  400.
RE GRIDCART Z2KRK009 ELEV  32  305.  308.  311.  313.  316.  319.  321.  324.
RE GRIDCART Z2KRK009 ELEV  32  326.  329.  332.  334.  335.  337.  339.  342.
RE GRIDCART Z2KRK009 ELEV  32  345.  347.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  32  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  32  350.  353.  358.  363.  368.  373.  378.  383.
RE GRIDCART Z2KRK009 ELEV  32  388.  392.  394.  397.  400.  400.  400.
RE GRIDCART Z2KRK009 ELEV  33  305.  307.  310.  313.  315.  318.  321.  323.
RE GRIDCART Z2KRK009 ELEV  33  326.  328.  330.  332.  334.  335.  338.  341.
RE GRIDCART Z2KRK009 ELEV  33  344.  346.  349.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  33  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  33  350.  354.  359.  364.  369.  374.  379.  384.
RE GRIDCART Z2KRK009 ELEV  33  387.  389.  392.  395.  398.  400.  400.
RE GRIDCART Z2KRK009 ELEV  34  304.  307.  309.  312.  315.  317.  320.  323.
RE GRIDCART Z2KRK009 ELEV  34  325.  327.  328.  330.  332.  334.  337.  340.
RE GRIDCART Z2KRK009 ELEV  34  343.  345.  348.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  34  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  34  350.  354.  359.  364.  369.  374.  379.  382.
RE GRIDCART Z2KRK009 ELEV  34  385.  388.  391.  394.  397.  400.  400.
RE GRIDCART Z2KRK009 ELEV  35  304.  306.  309.  311.  314.  317.  319.  322.
RE GRIDCART Z2KRK009 ELEV  35  323.  325.  327.  328.  331.  333.  336.  339.
RE GRIDCART Z2KRK009 ELEV  35  342.  344.  347.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  35  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  35  350.  354.  359.  364.  370.  375.  378.  380.
RE GRIDCART Z2KRK009 ELEV  35  383.  386.  389.  392.  395.  398.  400.
RE GRIDCART Z2KRK009 ELEV  36  303.  306.  308.  311.  313.  316.  318.  320.
RE GRIDCART Z2KRK009 ELEV  36  321.  323.  325.  327.  330.  332.  335.  338.
RE GRIDCART Z2KRK009 ELEV  36  341.  343.  346.  349.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  36  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  36  350.  355.  360.  365.  370.  373.  376.  379.
RE GRIDCART Z2KRK009 ELEV  36  382.  385.  388.  391.  393.  396.  399.
RE GRIDCART Z2KRK009 ELEV  37  302.  305.  308.  310.  313.  315.  316.  318.
RE GRIDCART Z2KRK009 ELEV  37  320.  321.  323.  326.  329.  331.  334.  337.
RE GRIDCART Z2KRK009 ELEV  37  340.  343.  345.  348.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  37  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  37  350.  355.  360.  365.  368.  371.  374.  377.
RE GRIDCART Z2KRK009 ELEV  37  380.  383.  386.  389.  392.  395.  398.
RE GRIDCART Z2KRK009 ELEV  38  302.  304.  307.  309.  311.  313.  314.  316.
RE GRIDCART Z2KRK009 ELEV  38  318.  319.  322.  325.  328.  330.  333.  336.
RE GRIDCART Z2KRK009 ELEV  38  339.  342.  344.  347.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  38  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  38  351.  356.  361.  364.  367.  370.  373.  376.
RE GRIDCART Z2KRK009 ELEV  38  379.  381.  385.  388.  391.  394.  398.
RE GRIDCART Z2KRK009 ELEV  39  301.  304.  306.  308.  309.  311.  313.  314.
RE GRIDCART Z2KRK009 ELEV  39  316.  318.  321.  324.  327.  329.  332.  335.
RE GRIDCART Z2KRK009 ELEV  39  338.  341.  343.  346.  349.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  39  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  39  351.  356.  359.  362.  365.  368.  371.  374.
RE GRIDCART Z2KRK009 ELEV  39  378.  381.  384.  387.  391.  394.  397.
RE GRIDCART Z2KRK009 ELEV  40  300.  302.  304.  306.  307.  309.  311.  312.
RE GRIDCART Z2KRK009 ELEV  40  315.  317.  320.  323.  326.  328.  331.  334.
RE GRIDCART Z2KRK009 ELEV  40  337.  340.  342.  345.  348.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  40  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  40  352.  355.  358.  361.  364.  367.  370.  374.
RE GRIDCART Z2KRK009 ELEV  40  377.  380.  383.  387.  390.  393.  396.
RE GRIDCART Z2KRK009 ELEV  41  300.  301.  302.  304.  306.  307.  309.  311.
RE GRIDCART Z2KRK009 ELEV  41  314.  316.  319.  322.  325.  327.  330.  333.
RE GRIDCART Z2KRK009 ELEV  41  336.  339.  341.  344.  347.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  41  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  41  350.  354.  357.  360.  363.  367.  370.  373.
RE GRIDCART Z2KRK009 ELEV  41  376.  380.  383.  386.  389.  393.  396.
RE GRIDCART Z2KRK009 ELEV  42  300.  300.  301.  302.  304.  306.  307.  310.
RE GRIDCART Z2KRK009 ELEV  42  313.  315.  318.  321.  324.  327.  329.  332.
RE GRIDCART Z2KRK009 ELEV  42  335.  338.  340.  343.  346.  349.  350.  350.
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RE GRIDCART Z2KRK009 ELEV  42  350.  350.  350.  350.  350.  353.  353.  352.
RE GRIDCART Z2KRK009 ELEV  42  357.  359.  360.  362.  364.  367.  370.  373.
RE GRIDCART Z2KRK009 ELEV  42  377.  380.  383.  386.  389.  393.  396.
RE GRIDCART Z2KRK009 ELEV  43  300.  300.  300.  300.  302.  304.  306.  309.
RE GRIDCART Z2KRK009 ELEV  43  312.  314.  317.  320.  323.  326.  328.  331.
RE GRIDCART Z2KRK009 ELEV  43  334.  337.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  43  350.  350.  350.  350.  354.  361.  361.  361.
RE GRIDCART Z2KRK009 ELEV  43  364.  366.  367.  369.  370.  372.  373.  375.
RE GRIDCART Z2KRK009 ELEV  43  377.  380.  383.  386.  390.  393.  396.
RE GRIDCART Z2KRK009 ELEV  44  300.  300.  300.  300.  300.  302.  305.  308.
RE GRIDCART Z2KRK009 ELEV  44  311.  313.  316.  319.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 ELEV  44  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  44  350.  350.  350.  352.  359.  366.  369.  369.
RE GRIDCART Z2KRK009 ELEV  44  370.  373.  375.  376.  378.  379.  381.  382.
RE GRIDCART Z2KRK009 ELEV  44  384.  385.  387.  388.  390.  393.  396.
RE GRIDCART Z2KRK009 ELEV  45  300.  300.  300.  300.  300.  301.  304.  306.
RE GRIDCART Z2KRK009 ELEV  45  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 ELEV  45  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  45  350.  350.  351.  358.  365.  371.  378.  377.
RE GRIDCART Z2KRK009 ELEV  45  377.  380.  382.  383.  385.  386.  388.  389.
RE GRIDCART Z2KRK009 ELEV  45  391.  392.  394.  395.  397.  398.  400.
RE GRIDCART Z2KRK009 ELEV  46  300.  300.  300.  300.  300.  300.  303.  306.
RE GRIDCART Z2KRK009 ELEV  46  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 ELEV  46  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  46  350.  350.  356.  363.  370.  377.  383.  386.
RE GRIDCART Z2KRK009 ELEV  46  385.  387.  389.  390.  392.  393.  395.  396.
RE GRIDCART Z2KRK009 ELEV  46  398.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 ELEV  47  300.  300.  300.  300.  300.  300.  303.  306.
RE GRIDCART Z2KRK009 ELEV  47  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 ELEV  47  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  47  350.  353.  361.  368.  375.  382.  389.  394.
RE GRIDCART Z2KRK009 ELEV  47  394.  395.  396.  398.  399.  400.  400.  400.
RE GRIDCART Z2KRK009 ELEV  47  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  1  300.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  1  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  1  300.  300.  301.  305.  310.  317.  323.
RE GRIDCART Z2KRK009 HILL  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  2  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  2  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  2  400.  301.  305.  309.  312.  318.  325.
RE GRIDCART Z2KRK009 HILL  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  3  300.  300.  300.  300.  300.  300.  300.  400.
RE GRIDCART Z2KRK009 HILL  3  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  3  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  3  400.  305.  309.  313.  318.  320.  326.
RE GRIDCART Z2KRK009 HILL  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  4  300.  300.  300.  300.  300.  300.  300.  400.
RE GRIDCART Z2KRK009 HILL  4  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  4  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  4  400.  308.  313.  318.  322.  326.  328.
RE GRIDCART Z2KRK009 HILL  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  5  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  5  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  5  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  5  400.  400.  317.  322.  326.  330.  333.
RE GRIDCART Z2KRK009 HILL  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  6  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  6  400.  400.  400.  400.  400.  400.  400.  400.
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RE GRIDCART Z2KRK009 HILL  6  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  6  400.  400.  319.  325.  330.  335.  339.
RE GRIDCART Z2KRK009 HILL  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  7  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  7  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  7  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  7  400.  400.  321.  327.  334.  339.  343.
RE GRIDCART Z2KRK009 HILL  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  8  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  8  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  8  399.  396.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  8  400.  400.  323.  329.  336.  342.  347.
RE GRIDCART Z2KRK009 HILL  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  9  300.  300.  300.  300.  300.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  9  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  9  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  9  400.  400.  325.  330.  337.  343.  350.
RE GRIDCART Z2KRK009 HILL  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  10  300.  300.  300.  300.  300.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  10  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  10  400.  397.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  10  400.  324.  329.  334.  340.  345.  350.
RE GRIDCART Z2KRK009 HILL  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  11  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  11  400.  400.  400.  400.  400.  400.  400.  398.
RE GRIDCART Z2KRK009 HILL  11  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  11  400.  328.  333.  339.  344.  349.  350.
RE GRIDCART Z2KRK009 HILL  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  12  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  12  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  12  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  12  450.  450.  337.  343.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  13  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  13  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  13  400.  400.  400.  400.  400.  349.  343.  336.
RE GRIDCART Z2KRK009 HILL  13  450.  450.  450.  450.  350.  450.  450.
RE GRIDCART Z2KRK009 HILL  14  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  14  300.  300.  300.  300.  300.  301.  302.  303.
RE GRIDCART Z2KRK009 HILL  14  304.  305.  306.  305.  304.  303.  398.  400.
RE GRIDCART Z2KRK009 HILL  14  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  14  400.  400.  400.  400.  400.  350.  350.  343.
RE GRIDCART Z2KRK009 HILL  14  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  15  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  15  300.  300.  303.  304.  305.  307.  308.  309.
RE GRIDCART Z2KRK009 HILL  15  310.  311.  312.  311.  310.  309.  307.  398.
RE GRIDCART Z2KRK009 HILL  15  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  15  400.  400.  400.  400.  350.  350.  350.  450.
RE GRIDCART Z2KRK009 HILL  15  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  16  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  16  302.  305.  307.  309.  311.  313.  314.  315.
RE GRIDCART Z2KRK009 HILL  16  316.  318.  318.  317.  316.  314.  313.  316.
RE GRIDCART Z2KRK009 HILL  16  320.  324.  329.  398.  398.  398.  400.  350.
RE GRIDCART Z2KRK009 HILL  16  400.  350.  350.  350.  350.  350.  450.  450.
RE GRIDCART Z2KRK009 HILL  16  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  17  300.  300.  300.  300.  300.  300.  301.  304.
RE GRIDCART Z2KRK009 HILL  17  307.  309.  312.  315.  316.  318.  320.  321.
RE GRIDCART Z2KRK009 HILL  17  323.  324.  324.  322.  321.  319.  320.  324.
RE GRIDCART Z2KRK009 HILL  17  328.  333.  337.  341.  346.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  17  350.  350.  350.  350.  350.  450.  450.  450.
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RE GRIDCART Z2KRK009 HILL  17  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  18  300.  300.  300.  300.  300.  302.  305.  308.
RE GRIDCART Z2KRK009 HILL  18  311.  314.  317.  319.  322.  324.  326.  327.
RE GRIDCART Z2KRK009 HILL  18  329.  330.  329.  328.  326.  324.  328.  332.
RE GRIDCART Z2KRK009 HILL  18  337.  341.  345.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  18  350.  350.  350.  350.  445.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  18  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  19  300.  300.  300.  300.  302.  305.  308.  312.
RE GRIDCART Z2KRK009 HILL  19  315.  319.  321.  324.  327.  329.  331.  333.
RE GRIDCART Z2KRK009 HILL  19  335.  336.  335.  334.  330.  332.  336.  341.
RE GRIDCART Z2KRK009 HILL  19  345.  349.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  19  350.  350.  350.  350.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  19  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  20  300.  300.  300.  302.  305.  308.  312.  315.
RE GRIDCART Z2KRK009 HILL  20  318.  321.  325.  329.  331.  334.  337.  339.
RE GRIDCART Z2KRK009 HILL  20  341.  342.  340.  338.  336.  340.  345.  349.
RE GRIDCART Z2KRK009 HILL  20  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  20  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  20  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  21  300.  300.  300.  304.  307.  311.  314.  318.
RE GRIDCART Z2KRK009 HILL  21  321.  325.  328.  331.  336.  339.  341.  345.
RE GRIDCART Z2KRK009 HILL  21  347.  347.  345.  342.  344.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  21  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  21  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  21  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  22  300.  300.  303.  306.  310.  313.  317.  320.
RE GRIDCART Z2KRK009 HILL  22  324.  327.  331.  334.  338.  341.  346.  350.
RE GRIDCART Z2KRK009 HILL  22  350.  350.  349.  348.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  22  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  22  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  22  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  23  300.  302.  305.  309.  312.  316.  319.  323.
RE GRIDCART Z2KRK009 HILL  23  326.  330.  333.  337.  340.  344.  347.  350.
RE GRIDCART Z2KRK009 HILL  23  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  23  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  23  350.  350.  350.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  23  450.  450.  450.  450.  445.  450.  450.
RE GRIDCART Z2KRK009 HILL  24  300.  304.  307.  311.  314.  318.  322.  325.
RE GRIDCART Z2KRK009 HILL  24  329.  332.  335.  338.  342.  345.  348.  350.
RE GRIDCART Z2KRK009 HILL  24  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  24  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  24  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  24  450.  450.  450.  450.  450.  443.  450.
RE GRIDCART Z2KRK009 HILL  25  303.  306.  309.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 HILL  25  328.  331.  334.  337.  340.  344.  347.  350.
RE GRIDCART Z2KRK009 HILL  25  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  25  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  25  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  25  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  26  303.  306.  309.  312.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 HILL  26  327.  330.  333.  336.  339.  343.  346.  349.
RE GRIDCART Z2KRK009 HILL  26  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  26  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  26  350.  350.  350.  445.  445.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  26  450.  450.  450.  450.  450.  450.  449.
RE GRIDCART Z2KRK009 HILL  27  303.  306.  309.  312.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 HILL  27  327.  330.  333.  336.  339.  342.  345.  348.
RE GRIDCART Z2KRK009 HILL  27  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  27  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  27  350.  350.  350.  353.  359.  445.  450.  450.
RE GRIDCART Z2KRK009 HILL  27  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  28  304.  307.  310.  313.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 HILL  28  327.  330.  333.  336.  339.  342.  345.  347.
RE GRIDCART Z2KRK009 HILL  28  349.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  28  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  28  350.  350.  351.  356.  362.  367.  372.  450.
RE GRIDCART Z2KRK009 HILL  28  450.  450.  450.  450.  450.  450.  450.
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RE GRIDCART Z2KRK009 HILL  29  304.  307.  310.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 HILL  29  328.  331.  333.  336.  339.  342.  344.  346.
RE GRIDCART Z2KRK009 HILL  29  348.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  29  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  29  350.  350.  354.  360.  365.  370.  375.  380.
RE GRIDCART Z2KRK009 HILL  29  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  30  304.  307.  310.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 HILL  30  328.  330.  333.  336.  338.  341.  342.  344.
RE GRIDCART Z2KRK009 HILL  30  347.  349.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  30  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  30  350.  352.  357.  362.  367.  372.  377.  382.
RE GRIDCART Z2KRK009 HILL  30  387.  392.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  31  305.  308.  311.  314.  316.  319.  322.  324.
RE GRIDCART Z2KRK009 HILL  31  327.  330.  332.  335.  337.  339.  341.  343.
RE GRIDCART Z2KRK009 HILL  31  346.  348.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  31  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  31  350.  353.  358.  363.  368.  373.  378.  383.
RE GRIDCART Z2KRK009 HILL  31  388.  393.  397.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  32  305.  308.  311.  313.  316.  319.  321.  324.
RE GRIDCART Z2KRK009 HILL  32  326.  329.  332.  334.  335.  337.  339.  342.
RE GRIDCART Z2KRK009 HILL  32  345.  347.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  32  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  32  350.  353.  358.  363.  368.  373.  378.  383.
RE GRIDCART Z2KRK009 HILL  32  388.  392.  394.  397.  400.  400.  450.
RE GRIDCART Z2KRK009 HILL  33  305.  307.  310.  313.  315.  318.  321.  323.
RE GRIDCART Z2KRK009 HILL  33  326.  328.  330.  332.  334.  335.  338.  341.
RE GRIDCART Z2KRK009 HILL  33  344.  346.  349.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  33  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  33  350.  354.  359.  364.  369.  374.  379.  384.
RE GRIDCART Z2KRK009 HILL  33  387.  389.  392.  395.  398.  400.  400.
RE GRIDCART Z2KRK009 HILL  34  304.  307.  309.  312.  315.  317.  320.  323.
RE GRIDCART Z2KRK009 HILL  34  325.  327.  328.  330.  332.  334.  337.  340.
RE GRIDCART Z2KRK009 HILL  34  343.  345.  348.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  34  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  34  350.  354.  359.  364.  369.  374.  379.  382.
RE GRIDCART Z2KRK009 HILL  34  385.  388.  391.  394.  397.  400.  400.
RE GRIDCART Z2KRK009 HILL  35  304.  306.  309.  311.  314.  317.  319.  322.
RE GRIDCART Z2KRK009 HILL  35  323.  325.  327.  328.  331.  333.  336.  339.
RE GRIDCART Z2KRK009 HILL  35  342.  344.  347.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  35  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  35  350.  354.  359.  364.  370.  375.  378.  380.
RE GRIDCART Z2KRK009 HILL  35  383.  386.  389.  392.  395.  398.  400.
RE GRIDCART Z2KRK009 HILL  36  303.  306.  308.  311.  313.  316.  318.  320.
RE GRIDCART Z2KRK009 HILL  36  321.  323.  325.  327.  330.  332.  335.  338.
RE GRIDCART Z2KRK009 HILL  36  341.  343.  346.  349.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  36  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  36  350.  355.  360.  365.  370.  373.  376.  379.
RE GRIDCART Z2KRK009 HILL  36  382.  385.  388.  391.  393.  396.  399.
RE GRIDCART Z2KRK009 HILL  37  302.  305.  308.  310.  313.  315.  316.  318.
RE GRIDCART Z2KRK009 HILL  37  320.  321.  323.  326.  329.  331.  334.  337.
RE GRIDCART Z2KRK009 HILL  37  340.  343.  345.  348.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  37  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  37  350.  355.  360.  365.  368.  371.  374.  377.
RE GRIDCART Z2KRK009 HILL  37  380.  383.  386.  389.  392.  395.  398.
RE GRIDCART Z2KRK009 HILL  38  302.  304.  307.  309.  311.  313.  314.  316.
RE GRIDCART Z2KRK009 HILL  38  318.  319.  322.  325.  328.  330.  333.  336.
RE GRIDCART Z2KRK009 HILL  38  339.  342.  344.  347.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  38  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  38  351.  356.  361.  364.  367.  370.  373.  376.
RE GRIDCART Z2KRK009 HILL  38  379.  381.  385.  388.  391.  394.  398.
RE GRIDCART Z2KRK009 HILL  39  301.  304.  306.  308.  309.  311.  313.  314.
RE GRIDCART Z2KRK009 HILL  39  316.  318.  321.  324.  327.  329.  332.  335.
RE GRIDCART Z2KRK009 HILL  39  338.  341.  343.  346.  349.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  39  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  39  351.  356.  359.  362.  365.  368.  371.  374.
RE GRIDCART Z2KRK009 HILL  39  378.  381.  384.  387.  391.  394.  397.
RE GRIDCART Z2KRK009 HILL  40  300.  302.  304.  306.  307.  309.  311.  312.
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RE GRIDCART Z2KRK009 HILL  40  315.  317.  320.  323.  326.  328.  331.  334.
RE GRIDCART Z2KRK009 HILL  40  337.  340.  342.  345.  348.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  40  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  40  352.  355.  358.  361.  364.  367.  370.  374.
RE GRIDCART Z2KRK009 HILL  40  377.  380.  383.  387.  390.  393.  396.
RE GRIDCART Z2KRK009 HILL  41  300.  301.  302.  304.  306.  307.  309.  311.
RE GRIDCART Z2KRK009 HILL  41  314.  316.  319.  322.  325.  327.  330.  333.
RE GRIDCART Z2KRK009 HILL  41  336.  339.  341.  344.  347.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  41  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  41  350.  354.  357.  360.  363.  367.  370.  373.
RE GRIDCART Z2KRK009 HILL  41  376.  380.  383.  386.  389.  393.  396.
RE GRIDCART Z2KRK009 HILL  42  300.  300.  301.  302.  304.  306.  307.  310.
RE GRIDCART Z2KRK009 HILL  42  313.  315.  318.  321.  324.  327.  329.  332.
RE GRIDCART Z2KRK009 HILL  42  335.  338.  340.  343.  346.  349.  350.  350.
RE GRIDCART Z2KRK009 HILL  42  350.  350.  350.  350.  350.  353.  353.  352.
RE GRIDCART Z2KRK009 HILL  42  357.  359.  360.  362.  364.  367.  370.  373.
RE GRIDCART Z2KRK009 HILL  42  377.  380.  383.  386.  389.  393.  396.
RE GRIDCART Z2KRK009 HILL  43  300.  300.  300.  300.  302.  304.  306.  309.
RE GRIDCART Z2KRK009 HILL  43  312.  314.  317.  320.  323.  326.  328.  331.
RE GRIDCART Z2KRK009 HILL  43  334.  337.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  43  350.  350.  350.  350.  354.  361.  361.  361.
RE GRIDCART Z2KRK009 HILL  43  364.  366.  367.  369.  370.  372.  373.  375.
RE GRIDCART Z2KRK009 HILL  43  377.  380.  383.  386.  390.  393.  396.
RE GRIDCART Z2KRK009 HILL  44  300.  300.  300.  300.  300.  302.  305.  308.
RE GRIDCART Z2KRK009 HILL  44  311.  313.  316.  319.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 HILL  44  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  44  350.  350.  350.  352.  359.  366.  369.  369.
RE GRIDCART Z2KRK009 HILL  44  370.  373.  375.  376.  378.  379.  381.  382.
RE GRIDCART Z2KRK009 HILL  44  384.  385.  387.  388.  390.  393.  396.
RE GRIDCART Z2KRK009 HILL  45  300.  300.  300.  300.  300.  301.  304.  306.
RE GRIDCART Z2KRK009 HILL  45  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 HILL  45  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  45  350.  350.  351.  358.  365.  371.  378.  377.
RE GRIDCART Z2KRK009 HILL  45  377.  380.  382.  383.  385.  386.  388.  389.
RE GRIDCART Z2KRK009 HILL  45  391.  392.  394.  395.  397.  398.  400.
RE GRIDCART Z2KRK009 HILL  46  300.  300.  300.  300.  300.  300.  303.  306.
RE GRIDCART Z2KRK009 HILL  46  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 HILL  46  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  46  350.  350.  356.  363.  370.  377.  383.  386.
RE GRIDCART Z2KRK009 HILL  46  385.  387.  389.  390.  392.  393.  395.  396.
RE GRIDCART Z2KRK009 HILL  46  398.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  47  300.  300.  300.  300.  300.  300.  303.  306.
RE GRIDCART Z2KRK009 HILL  47  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 HILL  47  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  47  350.  353.  361.  368.  375.  382.  389.  394.
RE GRIDCART Z2KRK009 HILL  47  394.  395.  396.  398.  399.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  47  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 END
RE DISCCART  585756.02  6401130.81  399.5  399.5
RE DISCCART  585236.20  6398191.49  350  350
RE DISCCART  582643.15  6399352.99  331.33  331.33
RE DISCCART  583406.29  6398695.35  350  350
RE DISCCART  585376.95  6400030.54  372.16  372.16
** BOUNDARY  Z2KRK002
RE DISCCART  583843.80  6398730.50  350  350
RE DISCCART  584339.80  6398882.80  350  350
RE DISCCART  584229.80  6399221.10  350  350
RE DISCCART  583738.80  6399067.30  350  350
RE DISCCART  583843.80  6398730.50  350  350
RE FINISHED

ME STARTING
ME SURFFILE  J:\A353-
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** SURFFILE  "J:\A353-ENVPLN\PROJ\2116720A_Wellington_660M\05_WrkPapers\2 Specialist
studies\air\met + background\met\modelling\AERMOD_surf.dat"
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ME PROFFILE  J:\A353-
E~1\PROJ\211672~1\05_WRK~1\2SPECI~1\air\MET_BA~1\met\MODELL~1\AERMOD_UA.dat
** PROFFILE  "J:\A353-ENVPLN\PROJ\2116720A_Wellington_660M\05_WrkPapers\2 Specialist
studies\air\met + background\met\modelling\AERMOD_UA.dat"
ME SURFDATA  54321  2004
ME UAIRDATA  00054321  2004
ME PROFBASE  300
ME FINISHED

OU STARTING
OU RECTABLE  1  FIRST
OU PLOTFILE  1  ALL  FIRST  ALL_1_FIRST.plt  10000
OU PLOTFILE  ANNUAL  ALL    ALL_ANNUAL_.plt  10001
OU POSTFILE  1  ALL  PLOT  ALL_1.pst  10002
OU POSTFILE  ANNUAL  ALL  PLOT  ALL_ANNUAL.pst  10003
OU FINISHED


** TERRFILE  C:\PROGRA~1\Breeze\Models\WELLIN~1\POWERP~1\MYMOD.DEM  0  2  Unknown
55  100  581520  6396470  581520  6406570  591620  6406570  591620  6396470
** AMPDATUM  6
** AMPZONE  55
** AMPHEMISPHERE  S
** HILLBOUN  581651.8 6396560.2 586595.2 6401355.2

** PROJECTION  UTM
** DATUM  WGE
** UNITS  METER
** ZONE  55
** HEMISPHERE  S
** ORIGINLON  0
** ORIGINLAT  0
** PARALLEL1  0
** PARALLEL2  0
** AZIMUTH  0
** SCALEFACT  0
** FALSEEAST  0
** FALSENORTH  0

** POSTFMT  PLOT

** AERMODEXE  AERMOD_BREEZE_07026.EXE
** AERMAPEXE  AERMAP_BREEZE_06341.EXE
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AERMOD PRIME - (DATED 07026)

AERMODPrMSPx VERSION 4.6.0

Run Began on 2/14/2008 at 20:04:43

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** BREEZE AERMOD
** Trinity Consultants
** VERSION  6.1

CO STARTING
CO TITLEONE  NO2
CO MODELOPT  CONC
CO RUNORNOT  RUN
CO AVERTIME  1  ANNUAL
CO POLLUTID  OTHER
CO FINISHED

SO STARTING
SO ELEVUNIT  METERS
SO LOCATION  Z2KRK000  POINT     584144.86  6399151.89  350.00
** SRCDESCR  Stack 1
SO LOCATION  6FZE300G  POINT     584158.89  6399107.95  350.00
** SRCDESCR  Stack 2
SO LOCATION  6FZE300H  POINT     584170.43  6399067.02  350.00
** SRCDESCR  Stack 3
SO LOCATION  6FZE300I  POINT     584185.13  6399020.84  350.00
** SRCDESCR  Stack 4
SO SRCPARAM  Z2KRK000  21  35  825  40.6  6.2
SO SRCPARAM  6FZE300G  21  35  825  40.6  6.2
SO SRCPARAM  6FZE300H  21  35  825  40.6  6.2
SO SRCPARAM  6FZE300I  21  35  825  40.6  6.2
SO BUILDHGT  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDWID  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     Z2KRK000      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G      0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDHGT  6FZE300G      0.00      0.00      0.00      0.00      0.00      0.00
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SO	BUILDHGT	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300G	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDLEN	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	XBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	YBADJ	6FZE300H	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDHGT	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00
SO	BUILDWID	6FZE300I	0.00	0.00	0.00	0.00	0.00	0.00

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SO BUILDWID  6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO BUILDLEN  6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO XBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO YBADJ     6FZE300I       0.00      0.00      0.00      0.00      0.00      0.00
SO SRCGROUP  ALL
SO FINISHED

RE STARTING
RE ELEVUNIT  METERS
RE GRIDCART Z2KRK009 STA
RE GRIDCART Z2KRK009 XYINC  581720.0  47  100  6396570.0  47  100
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  1  300.  300.  301.  305.  310.  317.  323.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  2  300.  301.  305.  309.  312.  318.  325.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  3  300.  305.  309.  313.  318.  320.  326.
RE GRIDCART Z2KRK009 ELEV  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  4  300.  300.  300.  300.  300.  301.  305.  307.
RE GRIDCART Z2KRK009 ELEV  4  307.  305.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  4  302.  308.  313.  318.  322.  326.  328.
RE GRIDCART Z2KRK009 ELEV  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  5  300.  300.  301.  306.  310.  313.  318.  321.
RE GRIDCART Z2KRK009 ELEV  5  322.  320.  311.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  5  304.  310.  317.  322.  326.  330.  333.
RE GRIDCART Z2KRK009 ELEV  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  6  300.  300.  307.  315.  321.  325.  328.  335.
RE GRIDCART Z2KRK009 ELEV  6  336.  337.  329.  312.  300.  300.  300.  301.
RE GRIDCART Z2KRK009 ELEV  6  307.  313.  319.  325.  330.  335.  339.
RE GRIDCART Z2KRK009 ELEV  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  7  300.  302.  313.  321.  328.  335.  340.  346.
RE GRIDCART Z2KRK009 ELEV  7  355.  358.  348.  332.  316.  300.  300.  302.
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RE GRIDCART Z2KRK009 ELEV  7  309.  315.  321.  327.  334.  339.  343.
RE GRIDCART Z2KRK009 ELEV  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  8  300.  305.  315.  326.  334.  341.  348.  375.
RE GRIDCART Z2KRK009 ELEV  8  399.  396.  370.  346.  325.  317.  308.  305.
RE GRIDCART Z2KRK009 ELEV  8  310.  316.  323.  329.  336.  342.  347.
RE GRIDCART Z2KRK009 ELEV  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  9  300.  306.  317.  328.  339.  348.  373.  400.
RE GRIDCART Z2KRK009 ELEV  9  400.  400.  378.  352.  337.  322.  315.  309.
RE GRIDCART Z2KRK009 ELEV  9  314.  320.  325.  330.  337.  343.  350.
RE GRIDCART Z2KRK009 ELEV  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  10  300.  306.  317.  328.  339.  349.  381.  400.
RE GRIDCART Z2KRK009 ELEV  10  400.  397.  372.  349.  335.  329.  322.  315.
RE GRIDCART Z2KRK009 ELEV  10  318.  324.  329.  334.  340.  345.  350.
RE GRIDCART Z2KRK009 ELEV  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  11  300.  306.  317.  328.  337.  347.  372.  398.
RE GRIDCART Z2KRK009 ELEV  11  400.  387.  365.  349.  342.  335.  329.  322.
RE GRIDCART Z2KRK009 ELEV  11  322.  328.  333.  339.  344.  349.  350.
RE GRIDCART Z2KRK009 ELEV  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  12  300.  306.  317.  326.  335.  343.  357.  379.
RE GRIDCART Z2KRK009 ELEV  12  388.  378.  356.  350.  349.  342.  336.  329.
RE GRIDCART Z2KRK009 ELEV  12  326.  332.  337.  343.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  13  300.  305.  314.  322.  331.  340.  348.  356.
RE GRIDCART Z2KRK009 ELEV  13  369.  370.  350.  350.  350.  349.  343.  336.
RE GRIDCART Z2KRK009 ELEV  13  332.  336.  341.  347.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  14  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  14  300.  300.  300.  300.  300.  301.  302.  303.
RE GRIDCART Z2KRK009 ELEV  14  304.  305.  306.  305.  304.  303.  302.  301.
RE GRIDCART Z2KRK009 ELEV  14  303.  309.  315.  321.  329.  338.  347.  350.
RE GRIDCART Z2KRK009 ELEV  14  350.  358.  350.  350.  350.  350.  350.  343.
RE GRIDCART Z2KRK009 ELEV  14  338.  340.  345.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  15  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  15  300.  300.  303.  304.  305.  307.  308.  309.
RE GRIDCART Z2KRK009 ELEV  15  310.  311.  312.  311.  310.  309.  307.  307.
RE GRIDCART Z2KRK009 ELEV  15  312.  316.  320.  325.  329.  337.  345.  350.
RE GRIDCART Z2KRK009 ELEV  15  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  15  344.  344.  349.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  16  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 ELEV  16  302.  305.  307.  309.  311.  313.  314.  315.
RE GRIDCART Z2KRK009 ELEV  16  316.  318.  318.  317.  316.  314.  313.  316.
RE GRIDCART Z2KRK009 ELEV  16  320.  324.  329.  333.  337.  342.  346.  350.
RE GRIDCART Z2KRK009 ELEV  16  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  16  350.  349.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  17  300.  300.  300.  300.  300.  300.  301.  304.
RE GRIDCART Z2KRK009 ELEV  17  307.  309.  312.  315.  316.  318.  320.  321.
RE GRIDCART Z2KRK009 ELEV  17  323.  324.  324.  322.  321.  319.  320.  324.
RE GRIDCART Z2KRK009 ELEV  17  328.  333.  337.  341.  346.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  17  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  17  350.  350.  350.  350.  353.  356.  359.
RE GRIDCART Z2KRK009 ELEV  18  300.  300.  300.  300.  300.  302.  305.  308.
RE GRIDCART Z2KRK009 ELEV  18  311.  314.  317.  319.  322.  324.  326.  327.
RE GRIDCART Z2KRK009 ELEV  18  329.  330.  329.  328.  326.  324.  328.  332.
RE GRIDCART Z2KRK009 ELEV  18  337.  341.  345.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  18  350.  350.  350.  350.  350.  350.  350.  355.
RE GRIDCART Z2KRK009 ELEV  18  358.  358.  359.  362.  365.  369.  370.
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RE GRIDCART Z2KRK009 ELEV  19  300.  300.  300.  300.  302.  305.  308.  312.
RE GRIDCART Z2KRK009 ELEV  19  315.  319.  321.  324.  327.  329.  331.  333.
RE GRIDCART Z2KRK009 ELEV  19  335.  336.  335.  334.  330.  332.  336.  341.
RE GRIDCART Z2KRK009 ELEV  19  345.  349.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  19  350.  350.  350.  350.  350.  350.  351.  359.
RE GRIDCART Z2KRK009 ELEV  19  368.  370.  371.  375.  378.  382.  381.
RE GRIDCART Z2KRK009 ELEV  20  300.  300.  300.  302.  305.  308.  312.  315.
RE GRIDCART Z2KRK009 ELEV  20  318.  321.  325.  329.  331.  334.  337.  339.
RE GRIDCART Z2KRK009 ELEV  20  341.  342.  340.  338.  336.  340.  345.  349.
RE GRIDCART Z2KRK009 ELEV  20  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  20  350.  350.  350.  350.  350.  350.  356.  364.
RE GRIDCART Z2KRK009 ELEV  20  373.  382.  383.  388.  391.  393.  392.
RE GRIDCART Z2KRK009 ELEV  21  300.  300.  300.  304.  307.  311.  314.  318.
RE GRIDCART Z2KRK009 ELEV  21  321.  325.  328.  331.  336.  339.  341.  345.
RE GRIDCART Z2KRK009 ELEV  21  347.  347.  345.  342.  344.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  21  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  21  350.  350.  350.  350.  350.  350.  355.  365.
RE GRIDCART Z2KRK009 ELEV  21  376.  386.  395.  401.  408.  410.  410.
RE GRIDCART Z2KRK009 ELEV  22  300.  300.  303.  306.  310.  313.  317.  320.
RE GRIDCART Z2KRK009 ELEV  22  324.  327.  331.  334.  338.  341.  346.  350.
RE GRIDCART Z2KRK009 ELEV  22  350.  350.  349.  348.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  22  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  22  350.  350.  350.  350.  350.  350.  356.  368.
RE GRIDCART Z2KRK009 ELEV  22  380.  391.  401.  419.  433.  436.  437.
RE GRIDCART Z2KRK009 ELEV  23  300.  302.  305.  309.  312.  316.  319.  323.
RE GRIDCART Z2KRK009 ELEV  23  326.  330.  333.  337.  340.  344.  347.  350.
RE GRIDCART Z2KRK009 ELEV  23  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  23  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  23  350.  350.  350.  350.  350.  350.  357.  369.
RE GRIDCART Z2KRK009 ELEV  23  380.  392.  406.  425.  445.  450.  450.
RE GRIDCART Z2KRK009 ELEV  24  300.  304.  307.  311.  314.  318.  322.  325.
RE GRIDCART Z2KRK009 ELEV  24  329.  332.  335.  338.  342.  345.  348.  350.
RE GRIDCART Z2KRK009 ELEV  24  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  24  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  24  350.  350.  350.  350.  350.  357.  363.  370.
RE GRIDCART Z2KRK009 ELEV  24  380.  391.  405.  424.  434.  443.  450.
RE GRIDCART Z2KRK009 ELEV  25  303.  306.  309.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 ELEV  25  328.  331.  334.  337.  340.  344.  347.  350.
RE GRIDCART Z2KRK009 ELEV  25  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  25  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  25  350.  350.  350.  350.  353.  358.  365.  374.
RE GRIDCART Z2KRK009 ELEV  25  383.  392.  404.  413.  421.  433.  450.
RE GRIDCART Z2KRK009 ELEV  26  303.  306.  309.  312.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 ELEV  26  327.  330.  333.  336.  339.  343.  346.  349.
RE GRIDCART Z2KRK009 ELEV  26  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  26  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  26  350.  350.  350.  350.  356.  361.  366.  373.
RE GRIDCART Z2KRK009 ELEV  26  382.  391.  400.  400.  412.  431.  449.
RE GRIDCART Z2KRK009 ELEV  27  303.  306.  309.  312.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 ELEV  27  327.  330.  333.  336.  339.  342.  345.  348.
RE GRIDCART Z2KRK009 ELEV  27  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  27  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  27  350.  350.  350.  353.  359.  364.  369.  374.
RE GRIDCART Z2KRK009 ELEV  27  381.  390.  400.  400.  411.  430.  450.
RE GRIDCART Z2KRK009 ELEV  28  304.  307.  310.  313.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 ELEV  28  327.  330.  333.  336.  339.  342.  345.  347.
RE GRIDCART Z2KRK009 ELEV  28  349.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  28  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  28  350.  350.  351.  356.  362.  367.  372.  377.
RE GRIDCART Z2KRK009 ELEV  28  383.  389.  398.  400.  406.  421.  436.
RE GRIDCART Z2KRK009 ELEV  29  304.  307.  310.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 ELEV  29  328.  331.  333.  336.  339.  342.  344.  346.
RE GRIDCART Z2KRK009 ELEV  29  348.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  29  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  29  350.  350.  354.  360.  365.  370.  375.  380.
RE GRIDCART Z2KRK009 ELEV  29  386.  391.  397.  400.  400.  409.  425.
RE GRIDCART Z2KRK009 ELEV  30  304.  307.  310.  313.  316.  319.  322.  325.
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RE GRIDCART Z2KRK009 ELEV  30  328.  330.  333.  336.  338.  341.  342.  344.
RE GRIDCART Z2KRK009 ELEV  30  347.  349.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  30  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  30  350.  352.  357.  362.  367.  372.  377.  382.
RE GRIDCART Z2KRK009 ELEV  30  387.  392.  397.  400.  400.  400.  413.
RE GRIDCART Z2KRK009 ELEV  31  305.  308.  311.  314.  316.  319.  322.  324.
RE GRIDCART Z2KRK009 ELEV  31  327.  330.  332.  335.  337.  339.  341.  343.
RE GRIDCART Z2KRK009 ELEV  31  346.  348.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  31  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  31  350.  353.  358.  363.  368.  373.  378.  383.
RE GRIDCART Z2KRK009 ELEV  31  388.  393.  397.  399.  400.  400.  400.
RE GRIDCART Z2KRK009 ELEV  32  305.  308.  311.  313.  316.  319.  321.  324.
RE GRIDCART Z2KRK009 ELEV  32  326.  329.  332.  334.  335.  337.  339.  342.
RE GRIDCART Z2KRK009 ELEV  32  345.  347.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  32  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  32  350.  353.  358.  363.  368.  373.  378.  383.
RE GRIDCART Z2KRK009 ELEV  32  388.  392.  394.  397.  400.  400.  400.
RE GRIDCART Z2KRK009 ELEV  33  305.  307.  310.  313.  315.  318.  321.  323.
RE GRIDCART Z2KRK009 ELEV  33  326.  328.  330.  332.  334.  335.  338.  341.
RE GRIDCART Z2KRK009 ELEV  33  344.  346.  349.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  33  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  33  350.  354.  359.  364.  369.  374.  379.  384.
RE GRIDCART Z2KRK009 ELEV  33  387.  389.  392.  395.  398.  400.  400.
RE GRIDCART Z2KRK009 ELEV  34  304.  307.  309.  312.  315.  317.  320.  323.
RE GRIDCART Z2KRK009 ELEV  34  325.  327.  328.  330.  332.  334.  337.  340.
RE GRIDCART Z2KRK009 ELEV  34  343.  345.  348.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  34  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  34  350.  354.  359.  364.  369.  374.  379.  382.
RE GRIDCART Z2KRK009 ELEV  34  385.  388.  391.  394.  397.  400.  400.
RE GRIDCART Z2KRK009 ELEV  35  304.  306.  309.  311.  314.  317.  319.  322.
RE GRIDCART Z2KRK009 ELEV  35  323.  325.  327.  328.  331.  333.  336.  339.
RE GRIDCART Z2KRK009 ELEV  35  342.  344.  347.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  35  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  35  350.  354.  359.  364.  370.  375.  378.  380.
RE GRIDCART Z2KRK009 ELEV  35  383.  386.  389.  392.  395.  398.  400.
RE GRIDCART Z2KRK009 ELEV  36  303.  306.  308.  311.  313.  316.  318.  320.
RE GRIDCART Z2KRK009 ELEV  36  321.  323.  325.  327.  330.  332.  335.  338.
RE GRIDCART Z2KRK009 ELEV  36  341.  343.  346.  349.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  36  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  36  350.  355.  360.  365.  370.  373.  376.  379.
RE GRIDCART Z2KRK009 ELEV  36  382.  385.  388.  391.  393.  396.  399.
RE GRIDCART Z2KRK009 ELEV  37  302.  305.  308.  310.  313.  315.  316.  318.
RE GRIDCART Z2KRK009 ELEV  37  320.  321.  323.  326.  329.  331.  334.  337.
RE GRIDCART Z2KRK009 ELEV  37  340.  343.  345.  348.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  37  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  37  350.  355.  360.  365.  368.  371.  374.  377.
RE GRIDCART Z2KRK009 ELEV  37  380.  383.  386.  389.  392.  395.  398.
RE GRIDCART Z2KRK009 ELEV  38  302.  304.  307.  309.  311.  313.  314.  316.
RE GRIDCART Z2KRK009 ELEV  38  318.  319.  322.  325.  328.  330.  333.  336.
RE GRIDCART Z2KRK009 ELEV  38  339.  342.  344.  347.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  38  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  38  351.  356.  361.  364.  367.  370.  373.  376.
RE GRIDCART Z2KRK009 ELEV  38  379.  381.  385.  388.  391.  394.  398.
RE GRIDCART Z2KRK009 ELEV  39  301.  304.  306.  308.  309.  311.  313.  314.
RE GRIDCART Z2KRK009 ELEV  39  316.  318.  321.  324.  327.  329.  332.  335.
RE GRIDCART Z2KRK009 ELEV  39  338.  341.  343.  346.  349.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  39  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  39  351.  356.  359.  362.  365.  368.  371.  374.
RE GRIDCART Z2KRK009 ELEV  39  378.  381.  384.  387.  391.  394.  397.
RE GRIDCART Z2KRK009 ELEV  40  300.  302.  304.  306.  307.  309.  311.  312.
RE GRIDCART Z2KRK009 ELEV  40  315.  317.  320.  323.  326.  328.  331.  334.
RE GRIDCART Z2KRK009 ELEV  40  337.  340.  342.  345.  348.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  40  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  40  352.  355.  358.  361.  364.  367.  370.  374.
RE GRIDCART Z2KRK009 ELEV  40  377.  380.  383.  387.  390.  393.  396.
RE GRIDCART Z2KRK009 ELEV  41  300.  301.  302.  304.  306.  307.  309.  311.
RE GRIDCART Z2KRK009 ELEV  41  314.  316.  319.  322.  325.  327.  330.  333.
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RE GRIDCART Z2KRK009 ELEV  41  336.  339.  341.  344.  347.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  41  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 ELEV  41  350.  354.  357.  360.  363.  367.  370.  373.
RE GRIDCART Z2KRK009 ELEV  41  376.  380.  383.  386.  389.  393.  396.
RE GRIDCART Z2KRK009 ELEV  42  300.  300.  301.  302.  304.  306.  307.  310.
RE GRIDCART Z2KRK009 ELEV  42  313.  315.  318.  321.  324.  327.  329.  332.
RE GRIDCART Z2KRK009 ELEV  42  335.  338.  340.  343.  346.  349.  350.  350.
RE GRIDCART Z2KRK009 ELEV  42  350.  350.  350.  350.  350.  353.  353.  352.
RE GRIDCART Z2KRK009 ELEV  42  357.  359.  360.  362.  364.  367.  370.  373.
RE GRIDCART Z2KRK009 ELEV  42  377.  380.  383.  386.  389.  393.  396.
RE GRIDCART Z2KRK009 ELEV  43  300.  300.  300.  300.  302.  304.  306.  309.
RE GRIDCART Z2KRK009 ELEV  43  312.  314.  317.  320.  323.  326.  328.  331.
RE GRIDCART Z2KRK009 ELEV  43  334.  337.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  43  350.  350.  350.  350.  354.  361.  361.  361.
RE GRIDCART Z2KRK009 ELEV  43  364.  366.  367.  369.  370.  372.  373.  375.
RE GRIDCART Z2KRK009 ELEV  43  377.  380.  383.  386.  390.  393.  396.
RE GRIDCART Z2KRK009 ELEV  44  300.  300.  300.  300.  300.  302.  305.  308.
RE GRIDCART Z2KRK009 ELEV  44  311.  313.  316.  319.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 ELEV  44  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  44  350.  350.  350.  352.  359.  366.  369.  369.
RE GRIDCART Z2KRK009 ELEV  44  370.  373.  375.  376.  378.  379.  381.  382.
RE GRIDCART Z2KRK009 ELEV  44  384.  385.  387.  388.  390.  393.  396.
RE GRIDCART Z2KRK009 ELEV  45  300.  300.  300.  300.  300.  301.  304.  306.
RE GRIDCART Z2KRK009 ELEV  45  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 ELEV  45  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  45  350.  350.  351.  358.  365.  371.  378.  377.
RE GRIDCART Z2KRK009 ELEV  45  377.  380.  382.  383.  385.  386.  388.  389.
RE GRIDCART Z2KRK009 ELEV  45  391.  392.  394.  395.  397.  398.  400.
RE GRIDCART Z2KRK009 ELEV  46  300.  300.  300.  300.  300.  300.  303.  306.
RE GRIDCART Z2KRK009 ELEV  46  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 ELEV  46  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  46  350.  350.  356.  363.  370.  377.  383.  386.
RE GRIDCART Z2KRK009 ELEV  46  385.  387.  389.  390.  392.  393.  395.  396.
RE GRIDCART Z2KRK009 ELEV  46  398.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 ELEV  47  300.  300.  300.  300.  300.  300.  303.  306.
RE GRIDCART Z2KRK009 ELEV  47  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 ELEV  47  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 ELEV  47  350.  353.  361.  368.  375.  382.  389.  394.
RE GRIDCART Z2KRK009 ELEV  47  394.  395.  396.  398.  399.  400.  400.  400.
RE GRIDCART Z2KRK009 ELEV  47  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  1  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  1  300.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  1  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  1  300.  300.  301.  305.  310.  317.  323.
RE GRIDCART Z2KRK009 HILL  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  2  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  2  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  2  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  2  400.  301.  305.  309.  312.  318.  325.
RE GRIDCART Z2KRK009 HILL  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  3  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  3  300.  300.  300.  300.  300.  300.  300.  400.
RE GRIDCART Z2KRK009 HILL  3  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  3  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  3  400.  305.  309.  313.  318.  320.  326.
RE GRIDCART Z2KRK009 HILL  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  4  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  4  300.  300.  300.  300.  300.  300.  300.  400.
RE GRIDCART Z2KRK009 HILL  4  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  4  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  4  400.  308.  313.  318.  322.  326.  328.
RE GRIDCART Z2KRK009 HILL  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  5  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  5  300.  300.  300.  300.  300.  300.  400.  400.
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RE GRIDCART Z2KRK009 HILL  5  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  5  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  5  400.  400.  317.  322.  326.  330.  333.
RE GRIDCART Z2KRK009 HILL  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  6  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  6  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  6  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  6  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  6  400.  400.  319.  325.  330.  335.  339.
RE GRIDCART Z2KRK009 HILL  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  7  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  7  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  7  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  7  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  7  400.  400.  321.  327.  334.  339.  343.
RE GRIDCART Z2KRK009 HILL  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  8  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  8  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  8  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  8  399.  396.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  8  400.  400.  323.  329.  336.  342.  347.
RE GRIDCART Z2KRK009 HILL  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  9  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  9  300.  300.  300.  300.  300.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  9  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  9  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  9  400.  400.  325.  330.  337.  343.  350.
RE GRIDCART Z2KRK009 HILL  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  10  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  10  300.  300.  300.  300.  300.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  10  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  10  400.  397.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  10  400.  324.  329.  334.  340.  345.  350.
RE GRIDCART Z2KRK009 HILL  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  11  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  11  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  11  400.  400.  400.  400.  400.  400.  400.  398.
RE GRIDCART Z2KRK009 HILL  11  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  11  400.  328.  333.  339.  344.  349.  350.
RE GRIDCART Z2KRK009 HILL  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  12  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  12  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  12  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  12  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  12  450.  450.  337.  343.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  13  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  13  300.  300.  300.  300.  300.  300.  400.  400.
RE GRIDCART Z2KRK009 HILL  13  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  13  400.  400.  400.  400.  400.  349.  343.  336.
RE GRIDCART Z2KRK009 HILL  13  450.  450.  450.  450.  350.  450.  450.
RE GRIDCART Z2KRK009 HILL  14  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  14  300.  300.  300.  300.  300.  301.  302.  303.
RE GRIDCART Z2KRK009 HILL  14  304.  305.  306.  305.  304.  303.  398.  400.
RE GRIDCART Z2KRK009 HILL  14  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  14  400.  400.  400.  400.  400.  350.  350.  343.
RE GRIDCART Z2KRK009 HILL  14  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  15  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  15  300.  300.  303.  304.  305.  307.  308.  309.
RE GRIDCART Z2KRK009 HILL  15  310.  311.  312.  311.  310.  309.  307.  398.
RE GRIDCART Z2KRK009 HILL  15  400.  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  15  400.  400.  400.  400.  400.  350.  350.  350.  450.
RE GRIDCART Z2KRK009 HILL  15  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  16  300.  300.  300.  300.  300.  300.  300.  300.
RE GRIDCART Z2KRK009 HILL  16  302.  305.  307.  309.  311.  313.  314.  315.
RE GRIDCART Z2KRK009 HILL  16  316.  318.  318.  317.  316.  314.  313.  316.
RE GRIDCART Z2KRK009 HILL  16  320.  324.  329.  398.  398.  398.  400.  350.
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RE GRIDCART Z2KRK009 HILL  16  400.  350.  350.  350.  350.  350.  450.  450.
RE GRIDCART Z2KRK009 HILL  16  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  17  300.  300.  300.  300.  300.  300.  301.  304.
RE GRIDCART Z2KRK009 HILL  17  307.  309.  312.  315.  316.  318.  320.  321.
RE GRIDCART Z2KRK009 HILL  17  323.  324.  324.  322.  321.  319.  320.  324.
RE GRIDCART Z2KRK009 HILL  17  328.  333.  337.  341.  346.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  17  350.  350.  350.  350.  350.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  17  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  18  300.  300.  300.  300.  300.  302.  305.  308.
RE GRIDCART Z2KRK009 HILL  18  311.  314.  317.  319.  322.  324.  326.  327.
RE GRIDCART Z2KRK009 HILL  18  329.  330.  329.  328.  326.  324.  328.  332.
RE GRIDCART Z2KRK009 HILL  18  337.  341.  345.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  18  350.  350.  350.  350.  445.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  18  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  19  300.  300.  300.  300.  302.  305.  308.  312.
RE GRIDCART Z2KRK009 HILL  19  315.  319.  321.  324.  327.  329.  331.  333.
RE GRIDCART Z2KRK009 HILL  19  335.  336.  335.  334.  330.  332.  336.  341.
RE GRIDCART Z2KRK009 HILL  19  345.  349.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  19  350.  350.  350.  350.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  19  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  20  300.  300.  300.  302.  305.  308.  312.  315.
RE GRIDCART Z2KRK009 HILL  20  318.  321.  325.  329.  331.  334.  337.  339.
RE GRIDCART Z2KRK009 HILL  20  341.  342.  340.  338.  336.  340.  345.  349.
RE GRIDCART Z2KRK009 HILL  20  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  20  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  20  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  21  300.  300.  300.  304.  307.  311.  314.  318.
RE GRIDCART Z2KRK009 HILL  21  321.  325.  328.  331.  336.  339.  341.  345.
RE GRIDCART Z2KRK009 HILL  21  347.  347.  345.  342.  344.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  21  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  21  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  21  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  22  300.  300.  303.  306.  310.  313.  317.  320.
RE GRIDCART Z2KRK009 HILL  22  324.  327.  331.  334.  338.  341.  346.  350.
RE GRIDCART Z2KRK009 HILL  22  350.  350.  349.  348.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  22  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  22  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  22  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  23  300.  302.  305.  309.  312.  316.  319.  323.
RE GRIDCART Z2KRK009 HILL  23  326.  330.  333.  337.  340.  344.  347.  350.
RE GRIDCART Z2KRK009 HILL  23  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  23  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  23  350.  350.  350.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  23  450.  450.  450.  450.  445.  450.  450.
RE GRIDCART Z2KRK009 HILL  24  300.  304.  307.  311.  314.  318.  322.  325.
RE GRIDCART Z2KRK009 HILL  24  329.  332.  335.  338.  342.  345.  348.  350.
RE GRIDCART Z2KRK009 HILL  24  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  24  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  24  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  24  450.  450.  450.  450.  450.  443.  450.
RE GRIDCART Z2KRK009 HILL  25  303.  306.  309.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 HILL  25  328.  331.  334.  337.  340.  344.  347.  350.
RE GRIDCART Z2KRK009 HILL  25  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  25  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  25  350.  350.  350.  445.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  25  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  26  303.  306.  309.  312.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 HILL  26  327.  330.  333.  336.  339.  343.  346.  349.
RE GRIDCART Z2KRK009 HILL  26  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  26  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  26  350.  350.  350.  445.  445.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  26  450.  450.  450.  450.  450.  450.  449.
RE GRIDCART Z2KRK009 HILL  27  303.  306.  309.  312.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 HILL  27  327.  330.  333.  336.  339.  342.  345.  348.
RE GRIDCART Z2KRK009 HILL  27  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  27  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  27  350.  350.  350.  353.  359.  445.  450.  450.
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RE GRIDCART Z2KRK009 HILL  27  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  28  304.  307.  310.  313.  315.  318.  321.  324.
RE GRIDCART Z2KRK009 HILL  28  327.  330.  333.  336.  339.  342.  345.  347.
RE GRIDCART Z2KRK009 HILL  28  349.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  28  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  28  350.  350.  351.  356.  362.  367.  372.  450.
RE GRIDCART Z2KRK009 HILL  28  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  29  304.  307.  310.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 HILL  29  328.  331.  333.  336.  339.  342.  344.  346.
RE GRIDCART Z2KRK009 HILL  29  348.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  29  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  29  350.  350.  354.  360.  365.  370.  375.  380.
RE GRIDCART Z2KRK009 HILL  29  450.  450.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  30  304.  307.  310.  313.  316.  319.  322.  325.
RE GRIDCART Z2KRK009 HILL  30  328.  330.  333.  336.  338.  341.  342.  344.
RE GRIDCART Z2KRK009 HILL  30  347.  349.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  30  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  30  350.  352.  357.  362.  367.  372.  377.  382.
RE GRIDCART Z2KRK009 HILL  30  387.  392.  450.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  31  305.  308.  311.  314.  316.  319.  322.  324.
RE GRIDCART Z2KRK009 HILL  31  327.  330.  332.  335.  337.  339.  341.  343.
RE GRIDCART Z2KRK009 HILL  31  346.  348.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  31  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  31  350.  353.  358.  363.  368.  373.  378.  383.
RE GRIDCART Z2KRK009 HILL  31  388.  393.  397.  450.  450.  450.  450.
RE GRIDCART Z2KRK009 HILL  32  305.  308.  311.  313.  316.  319.  321.  324.
RE GRIDCART Z2KRK009 HILL  32  326.  329.  332.  334.  335.  337.  339.  342.
RE GRIDCART Z2KRK009 HILL  32  345.  347.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  32  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  32  350.  353.  358.  363.  368.  373.  378.  383.
RE GRIDCART Z2KRK009 HILL  32  388.  392.  394.  397.  400.  400.  450.
RE GRIDCART Z2KRK009 HILL  33  305.  307.  310.  313.  315.  318.  321.  323.
RE GRIDCART Z2KRK009 HILL  33  326.  328.  330.  332.  334.  335.  338.  341.
RE GRIDCART Z2KRK009 HILL  33  344.  346.  349.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  33  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  33  350.  354.  359.  364.  369.  374.  379.  384.
RE GRIDCART Z2KRK009 HILL  33  387.  389.  392.  395.  398.  400.  400.
RE GRIDCART Z2KRK009 HILL  34  304.  307.  309.  312.  315.  317.  320.  323.
RE GRIDCART Z2KRK009 HILL  34  325.  327.  328.  330.  332.  334.  337.  340.
RE GRIDCART Z2KRK009 HILL  34  343.  345.  348.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  34  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  34  350.  354.  359.  364.  369.  374.  379.  382.
RE GRIDCART Z2KRK009 HILL  34  385.  388.  391.  394.  397.  400.  400.
RE GRIDCART Z2KRK009 HILL  35  304.  306.  309.  311.  314.  317.  319.  322.
RE GRIDCART Z2KRK009 HILL  35  323.  325.  327.  328.  331.  333.  336.  339.
RE GRIDCART Z2KRK009 HILL  35  342.  344.  347.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  35  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  35  350.  354.  359.  364.  370.  375.  378.  380.
RE GRIDCART Z2KRK009 HILL  35  383.  386.  389.  392.  395.  398.  400.
RE GRIDCART Z2KRK009 HILL  36  303.  306.  308.  311.  313.  316.  318.  320.
RE GRIDCART Z2KRK009 HILL  36  321.  323.  325.  327.  330.  332.  335.  338.
RE GRIDCART Z2KRK009 HILL  36  341.  343.  346.  349.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  36  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  36  350.  355.  360.  365.  370.  373.  376.  379.
RE GRIDCART Z2KRK009 HILL  36  382.  385.  388.  391.  393.  396.  399.
RE GRIDCART Z2KRK009 HILL  37  302.  305.  308.  310.  313.  315.  316.  318.
RE GRIDCART Z2KRK009 HILL  37  320.  321.  323.  326.  329.  331.  334.  337.
RE GRIDCART Z2KRK009 HILL  37  340.  343.  345.  348.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  37  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  37  350.  355.  360.  365.  368.  371.  374.  377.
RE GRIDCART Z2KRK009 HILL  37  380.  383.  386.  389.  392.  395.  398.
RE GRIDCART Z2KRK009 HILL  38  302.  304.  307.  309.  311.  313.  314.  316.
RE GRIDCART Z2KRK009 HILL  38  318.  319.  322.  325.  328.  330.  333.  336.
RE GRIDCART Z2KRK009 HILL  38  339.  342.  344.  347.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  38  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  38  351.  356.  361.  364.  367.  370.  373.  376.
RE GRIDCART Z2KRK009 HILL  38  379.  381.  385.  388.  391.  394.  398.
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RE GRIDCART Z2KRK009 HILL  39  301.  304.  306.  308.  309.  311.  313.  314.
RE GRIDCART Z2KRK009 HILL  39  316.  318.  321.  324.  327.  329.  332.  335.
RE GRIDCART Z2KRK009 HILL  39  338.  341.  343.  346.  349.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  39  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  39  351.  356.  359.  362.  365.  368.  371.  374.
RE GRIDCART Z2KRK009 HILL  39  378.  381.  384.  387.  391.  394.  397.
RE GRIDCART Z2KRK009 HILL  40  300.  302.  304.  306.  307.  309.  311.  312.
RE GRIDCART Z2KRK009 HILL  40  315.  317.  320.  323.  326.  328.  331.  334.
RE GRIDCART Z2KRK009 HILL  40  337.  340.  342.  345.  348.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  40  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  40  352.  355.  358.  361.  364.  367.  370.  374.
RE GRIDCART Z2KRK009 HILL  40  377.  380.  383.  387.  390.  393.  396.
RE GRIDCART Z2KRK009 HILL  41  300.  301.  302.  304.  306.  307.  309.  311.
RE GRIDCART Z2KRK009 HILL  41  314.  316.  319.  322.  325.  327.  330.  333.
RE GRIDCART Z2KRK009 HILL  41  336.  339.  341.  344.  347.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  41  350.  350.  350.  350.  350.  350.  350.  350.
RE GRIDCART Z2KRK009 HILL  41  350.  354.  357.  360.  363.  367.  370.  373.
RE GRIDCART Z2KRK009 HILL  41  376.  380.  383.  386.  389.  393.  396.
RE GRIDCART Z2KRK009 HILL  42  300.  300.  301.  302.  304.  306.  307.  310.
RE GRIDCART Z2KRK009 HILL  42  313.  315.  318.  321.  324.  327.  329.  332.
RE GRIDCART Z2KRK009 HILL  42  335.  338.  340.  343.  346.  349.  350.  350.
RE GRIDCART Z2KRK009 HILL  42  350.  350.  350.  350.  350.  353.  353.  352.
RE GRIDCART Z2KRK009 HILL  42  357.  359.  360.  362.  364.  367.  370.  373.
RE GRIDCART Z2KRK009 HILL  42  377.  380.  383.  386.  389.  393.  396.
RE GRIDCART Z2KRK009 HILL  43  300.  300.  300.  300.  302.  304.  306.  309.
RE GRIDCART Z2KRK009 HILL  43  312.  314.  317.  320.  323.  326.  328.  331.
RE GRIDCART Z2KRK009 HILL  43  334.  337.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  43  350.  350.  350.  350.  354.  361.  361.  361.
RE GRIDCART Z2KRK009 HILL  43  364.  366.  367.  369.  370.  372.  373.  375.
RE GRIDCART Z2KRK009 HILL  43  377.  380.  383.  386.  390.  393.  396.
RE GRIDCART Z2KRK009 HILL  44  300.  300.  300.  300.  300.  302.  305.  308.
RE GRIDCART Z2KRK009 HILL  44  311.  313.  316.  319.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 HILL  44  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  44  350.  350.  350.  352.  359.  366.  369.  369.
RE GRIDCART Z2KRK009 HILL  44  370.  373.  375.  376.  378.  379.  381.  382.
RE GRIDCART Z2KRK009 HILL  44  384.  385.  387.  388.  390.  393.  396.
RE GRIDCART Z2KRK009 HILL  45  300.  300.  300.  300.  300.  301.  304.  306.
RE GRIDCART Z2KRK009 HILL  45  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 HILL  45  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  45  350.  350.  351.  358.  365.  371.  378.  377.
RE GRIDCART Z2KRK009 HILL  45  377.  380.  382.  383.  385.  386.  388.  389.
RE GRIDCART Z2KRK009 HILL  45  391.  392.  394.  395.  397.  398.  400.
RE GRIDCART Z2KRK009 HILL  46  300.  300.  300.  300.  300.  300.  303.  306.
RE GRIDCART Z2KRK009 HILL  46  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 HILL  46  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  46  350.  350.  356.  363.  370.  377.  383.  386.
RE GRIDCART Z2KRK009 HILL  46  385.  387.  389.  390.  392.  393.  395.  396.
RE GRIDCART Z2KRK009 HILL  46  398.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  47  300.  300.  300.  300.  300.  300.  303.  306.
RE GRIDCART Z2KRK009 HILL  47  309.  312.  315.  318.  321.  324.  327.  330.
RE GRIDCART Z2KRK009 HILL  47  333.  336.  339.  342.  345.  348.  350.  350.
RE GRIDCART Z2KRK009 HILL  47  350.  353.  361.  368.  375.  382.  389.  394.
RE GRIDCART Z2KRK009 HILL  47  394.  395.  396.  398.  399.  400.  400.  400.
RE GRIDCART Z2KRK009 HILL  47  400.  400.  400.  400.  400.  400.  400.
RE GRIDCART Z2KRK009 END
RE DISCCART  585756.02  6401130.81  399.5  399.5
RE DISCCART  585236.20  6398191.49  350  350
RE DISCCART  582643.15  6399352.99  331.33  331.33
RE DISCCART  583406.29  6398695.35  350  350
RE DISCCART  585376.95  6400030.54  372.16  372.16
** BOUNDARY  Z2KRK002
RE DISCCART  583843.80  6398730.50  350  350
RE DISCCART  584339.80  6398882.80  350  350
RE DISCCART  584229.80  6399221.10  350  350
RE DISCCART  583738.80  6399067.30  350  350
RE DISCCART  583843.80  6398730.50  350  350
RE FINISHED
```

```
 ME STARTING
 ME SURFFILE  J:\A353-
E~1\PROJ\211672~1\05_WRK~1\2SPECI~1\air\MET_BA~1\met\MODELL~1\AERMOD_surf.dat
 ** SURFFILE  "J:\A353-ENVPLN\PROJ\2116720A_Wellington_660M\05_WrkPapers\2
Specialist studies\air\met + background\met\modelling\AERM
 ME PROFFILE  J:\A353-
E~1\PROJ\211672~1\05_WRK~1\2SPECI~1\air\MET_BA~1\met\MODELL~1\AERMOD_UA.dat
 ** PROFFILE  "J:\A353-ENVPLN\PROJ\2116720A_Wellington_660M\05_WrkPapers\2
Specialist studies\air\met + background\met\modelling\AERM
 ME SURFDATA  54321  2004
 ME UAIRDATA  00054321  2004
 ME PROFBASE  300
 ME FINISHED

 OU STARTING
 OU RECTABLE  1  FIRST
 OU PLOTFILE  1  ALL  FIRST  ALL_1_FIRST.plt  10000
 OU PLOTFILE  ANNUAL  ALL    ALL_ANNUAL_.plt  10001
 OU POSTFILE  1  ALL  PLOT  ALL_1.pst  10002
 OU POSTFILE  ANNUAL  ALL  PLOT  ALL_ANNUAL.pst  10003
 OU FINISHED


 ** TERRFILE  C:\PROGRA~1\Breeze\Models\WELLIN~1\POWERP~1\MYMOD.DEM  0  2  Unknown
55  100  581520  6396470  581520  6406570  591620
 ** AMPDATUM  6
 ** AMPZONE  55
 ** AMPHEMISPHERE  S
 ** HILLBOUN  581651.8 6396560.2 586595.2 6401355.2

 ** PROJECTION  UTM
 ** DATUM  WGE
 ** UNITS  METER
 ** ZONE  55
 ** HEMISPHERE  S
 ** ORIGINLON  0
 ** ORIGINLAT  0
 ** PARALLEL1  0
 ** PARALLEL2  0
 ** AZIMUTH  0
 ** SCALEFACT  0
 ** FALSEEAST  0
 ** FALSENORTH  0

 ** POSTFMT  PLOT

 ** AERMODEXE  AERMOD_BREEZE_07026.EXE
 ** AERMAPEXE  AERMAP_BREEZE_06341.EXE


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE   1
 CONC                               ELEV

                                           ***     MODEL SETUP OPTIONS SUMMARY
***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
```

```
 **Model Is Setup For Calculation of Average CONCentration Values.

  --  DEPOSITION LOGIC  --
 **Model Uses NO DRY DEPLETION.  DDPLETE =  F
 **Model Uses NO WET DEPLETION.  WDPLETE =  F
 **NO GAS DRY DEPOSITION Data Provided.

 **Model Uses RURAL Dispersion Only.

 **Model Uses User-Specified Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.

 **Model Assumes No FLAGPOLE Receptor Heights.

 **Model Calculates  1 Short Term Average(s) of:   1-HR
    and Calculates ANNUAL Averages

 **This Run Includes:     4 Source(s);      1 Source Group(s); and    2219
Receptor(s)

 **The Model Assumes A Pollutant Type of:  OTHER

 **Model Set To Continue RUNning After the Setup Testing.

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of Concurrent Values for Postprocessing
(POSTFILE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   300.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                    ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =     1.3 MB of RAM.

 **Input Runstream File:          AERMOD.INP
 **Output Print File:             AERMOD.OUT
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE   2
 CONC                               ELEV



                                                *** POINT SOURCE DATA ***


             NUMBER EMISSION RATE                    BASE     STACK   STACK
STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
    SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT
VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
```

```
      ID       CATS.               (METERS) (METERS) (METERS) (METERS) (DEG.K)
(M/SEC)  (METERS)                      VARY BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

   Z2KRK000      0   0.21000E+02  584144.9 6399152.0   350.0    35.00   825.00
40.60     6.20    NO      NO    NO
   6FZE300G      0   0.21000E+02  584158.9 6399108.0   350.0    35.00   825.00
40.60     6.20    NO      NO    NO
   6FZE300H      0   0.21000E+02  584170.4 6399067.0   350.0    35.00   825.00
40.60     6.20    NO      NO    NO
   6FZE300I      0   0.21000E+02  584185.1 6399021.0   350.0    35.00   825.00
40.60     6.20    NO      NO    NO
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE   3
 CONC                               ELEV


                                           *** SOURCE IDs DEFINING SOURCE GROUPS ***

 GROUP ID                                                SOURCE IDs


  ALL       Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE   4
 CONC                               ELEV


                                          *** GRIDDED RECEPTOR NETWORK SUMMARY ***

                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                            *** X-COORDINATES OF GRID ***
                                                      (METERS)

       581720.0,  581820.0,  581920.0,  582020.0,  582120.0,  582220.0,  582320.0,
582420.0,  582520.0,  582620.0,
       582720.0,  582820.0,  582920.0,  583020.0,  583120.0,  583220.0,  583320.0,
583420.0,  583520.0,  583620.0,
       583720.0,  583820.0,  583920.0,  584020.0,  584120.0,  584220.0,  584320.0,
584420.0,  584520.0,  584620.0,
       584720.0,  584820.0,  584920.0,  585020.0,  585120.0,  585220.0,  585320.0,
585420.0,  585520.0,  585620.0,
       585720.0,  585820.0,  585920.0,  586020.0,  586120.0,  586220.0,  586320.0,

                                            *** Y-COORDINATES OF GRID ***
                                                      (METERS)

      6396570.0, 6396670.0, 6396770.0, 6396870.0, 6396970.0, 6397070.0, 6397170.0,
6397270.0, 6397370.0, 6397470.0,
      6397570.0, 6397670.0, 6397770.0, 6397870.0, 6397970.0, 6398070.0, 6398170.0,
6398270.0, 6398370.0, 6398470.0,
      6398570.0, 6398670.0, 6398770.0, 6398870.0, 6398970.0, 6399070.0, 6399170.0,
6399270.0, 6399370.0, 6399470.0,
```

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART
***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	581720.00	581820.00	581920.00	582020.00	582120.00	582220.00	582320.00	582420.00	582520.00	
6401170.00	300.00	300.00	300.00	300.00	300.00	300.00	303.00	306.00	309.00	
6401070.00	300.00	300.00	300.00	300.00	300.00	300.00	303.00	306.00	309.00	
6400970.00	300.00	300.00	300.00	300.00	300.00	301.00	304.00	306.00	309.00	
6400870.00	300.00	300.00	300.00	300.00	300.00	302.00	305.00	308.00	311.00	
6400770.00	300.00	300.00	300.00	300.00	302.00	304.00	306.00	309.00	312.00	
6400670.00	300.00	300.00	301.00	302.00	304.00	306.00	307.00	310.00	313.00	
6400570.00	300.00	301.00	302.00	304.00	306.00	307.00	309.00	311.00	314.00	
6400470.00	300.00	302.00	304.00	306.00	307.00	309.00	311.00	312.00	315.00	
6400370.00	301.00	304.00	306.00	308.00	309.00	311.00	313.00	314.00	316.00	
6400270.00	302.00	304.00	307.00	309.00	311.00	313.00	314.00	316.00	318.00	
6400170.00	302.00	305.00	308.00	310.00	313.00	315.00	316.00	318.00	320.00	
6400070.00	303.00	306.00	308.00	311.00	313.00	316.00	318.00	320.00	321.00	
6399970.00	304.00	306.00	309.00	311.00	314.00	317.00	319.00	322.00	323.00	
6399870.00	304.00	307.00	309.00	312.00	315.00	317.00	320.00	323.00	325.00	
6399770.00	305.00	307.00	310.00	313.00	315.00	318.00	321.00	323.00	326.00	
6399670.00	305.00	308.00	311.00	313.00	316.00	319.00	321.00	324.00	326.00	
6399570.00	305.00	308.00	311.00	314.00	316.00	319.00	322.00	324.00	327.00	
6399470.00	304.00	307.00	310.00	313.00	316.00	319.00	322.00	325.00	328.00	
6399370.00	304.00	307.00	310.00	313.00	316.00	319.00	322.00	325.00	328.00	
6399270.00	304.00	307.00	310.00	313.00	315.00	318.00	321.00	324.00	327.00	
6399170.00	303.00	306.00	309.00	312.00	315.00	318.00	321.00	324.00	327.00	
6399070.00	303.00	306.00	309.00	312.00	315.00	318.00	321.00	324.00	327.00	

```
  6398970.00 |        303.00       306.00       309.00       313.00       316.00
319.00       322.00       325.00       328.00
  6398870.00 |        300.00       304.00       307.00       311.00       314.00
318.00       322.00       325.00       329.00
  6398770.00 |        300.00       302.00       305.00       309.00       312.00
316.00       319.00       323.00       326.00
  6398670.00 |        300.00       300.00       303.00       306.00       310.00
313.00       317.00       320.00       324.00
  6398570.00 |        300.00       300.00       300.00       304.00       307.00
311.00       314.00       318.00       321.00
  6398470.00 |        300.00       300.00       300.00       302.00       305.00
308.00       312.00       315.00       318.00
  6398370.00 |        300.00       300.00       300.00       300.00       302.00
305.00       308.00       312.00       315.00
  6398270.00 |        300.00       300.00       300.00       300.00       300.00
302.00       305.00       308.00       311.00
  6398170.00 |        300.00       300.00       300.00       300.00       300.00
300.00       301.00       304.00       307.00
  6398070.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       302.00
  6397970.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397870.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397770.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397670.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397570.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397470.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397370.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397270.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                  ***

***        20:04:44
 **MODELOPTs:
PAGE   6
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                    X-COORD (METERS)
    (METERS) |     581720.00    581820.00    581920.00    582020.00    582120.00
582220.00    582320.00    582420.00    582520.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397070.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6396970.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6396870.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6396770.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
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*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	582620.00	582720.00	582820.00	582920.00	583020.00	583120.00	583220.00	583320.00	583420.00			
6401170.00	312.00	315.00	318.00	321.00	324.00	327.00	330.00	333.00	336.00			
6401070.00	312.00	315.00	318.00	321.00	324.00	327.00	330.00	333.00	336.00			
6400970.00	312.00	315.00	318.00	321.00	324.00	327.00	330.00	333.00	336.00			
6400870.00	313.00	316.00	319.00	321.00	324.00	327.00	330.00	333.00	336.00			
6400770.00	314.00	317.00	320.00	323.00	326.00	328.00	331.00	334.00	337.00			
6400670.00	315.00	318.00	321.00	324.00	327.00	329.00	332.00	335.00	338.00			
6400570.00	316.00	319.00	322.00	325.00	327.00	330.00	333.00	336.00	339.00			
6400470.00	317.00	320.00	323.00	326.00	328.00	331.00	334.00	337.00	340.00			
6400370.00	318.00	321.00	324.00	327.00	329.00	332.00	335.00	338.00	341.00			
6400270.00	319.00	322.00	325.00	328.00	330.00	333.00	336.00	339.00	342.00			
6400170.00	321.00	323.00	326.00	329.00	331.00	334.00	337.00	340.00	343.00			
6400070.00	323.00	325.00	327.00	330.00	332.00	335.00	338.00	341.00	343.00			
6399970.00	325.00	327.00	328.00	331.00	333.00	336.00	339.00	342.00	344.00			
6399870.00	327.00	328.00	330.00	332.00	334.00	337.00	340.00	343.00	345.00			
6399770.00	328.00	330.00	332.00	334.00	335.00	338.00	341.00	344.00	346.00			
6399670.00	329.00	332.00	334.00	335.00	337.00	339.00	342.00	345.00	347.00			
6399570.00	330.00	332.00	335.00	337.00	339.00	341.00	343.00	346.00	348.00			
6399470.00	330.00	333.00	336.00	338.00	341.00	342.00	344.00	347.00	349.00			
6399370.00	331.00	333.00	336.00	339.00	342.00	344.00	346.00	348.00	350.00			
6399270.00	330.00	333.00	336.00	339.00	342.00	345.00	347.00	349.00	350.00			
6399170.00	330.00	333.00	336.00	339.00	342.00	345.00	348.00	350.00	350.00			

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  6399070.00 |        330.00       333.00       336.00       339.00       343.00
346.00       349.00       350.00       350.00
  6398970.00 |        331.00       334.00       337.00       340.00       344.00
347.00       350.00       350.00       350.00
  6398870.00 |        332.00       335.00       338.00       342.00       345.00
348.00       350.00       350.00       350.00
  6398770.00 |        330.00       333.00       337.00       340.00       344.00
347.00       350.00       350.00       350.00
  6398670.00 |        327.00       331.00       334.00       338.00       341.00
346.00       350.00       350.00       350.00
  6398570.00 |        325.00       328.00       331.00       336.00       339.00
341.00       345.00       347.00       347.00
  6398470.00 |        321.00       325.00       329.00       331.00       334.00
337.00       339.00       341.00       342.00
  6398370.00 |        319.00       321.00       324.00       327.00       329.00
331.00       333.00       335.00       336.00
  6398270.00 |        314.00       317.00       319.00       322.00       324.00
326.00       327.00       329.00       330.00
  6398170.00 |        309.00       312.00       315.00       316.00       318.00
320.00       321.00       323.00       324.00
  6398070.00 |        305.00       307.00       309.00       311.00       313.00
314.00       315.00       316.00       318.00
  6397970.00 |        300.00       303.00       304.00       305.00       307.00
308.00       309.00       310.00       311.00
  6397870.00 |        300.00       300.00       300.00       300.00       301.00
302.00       303.00       304.00       305.00
  6397770.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397670.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397570.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397470.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397370.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397270.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                  ***

***        20:04:44
 **MODELOPTs:
PAGE   8
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                    X-COORD (METERS)
    (METERS) |     582620.00    582720.00    582820.00    582920.00    583020.00
583120.00    583220.00    583320.00    583420.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397070.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6396970.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6396870.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
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CONC ELEV

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	583520.00	583620.00	583720.00	583820.00	583920.00	584020.00	584120.00	584220.00	584320.00	
6401170.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	353.00	361.00	
6401070.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	356.00	
6400970.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	351.00	
6400870.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	350.00	
6400770.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	350.00	
6400670.00	340.00	343.00	346.00	349.00	350.00	350.00	350.00	350.00	350.00	
6400570.00	341.00	344.00	347.00	350.00	350.00	350.00	350.00	350.00	350.00	
6400470.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	350.00	350.00	
6400370.00	343.00	346.00	349.00	350.00	350.00	350.00	350.00	350.00	350.00	
6400270.00	344.00	347.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6400170.00	345.00	348.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6400070.00	346.00	349.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6399970.00	347.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6399870.00	348.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6399770.00	349.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6399670.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6399570.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6399470.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6399370.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	
6399270.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	350.00	

```
  6399170.00 |        350.00       350.00       350.00       350.00       350.00
350.00       350.00       350.00       350.00
  6399070.00 |        350.00       350.00       350.00       350.00       350.00
350.00       350.00       350.00       350.00
  6398970.00 |        350.00       350.00       350.00       350.00       350.00
350.00       350.00       350.00       350.00
  6398870.00 |        350.00       350.00       350.00       350.00       350.00
350.00       350.00       350.00       350.00
  6398770.00 |        350.00       350.00       350.00       350.00       350.00
350.00       350.00       350.00       350.00
  6398670.00 |        349.00       348.00       350.00       350.00       350.00
350.00       350.00       350.00       350.00
  6398570.00 |        345.00       342.00       344.00       348.00       350.00
350.00       350.00       350.00       350.00
  6398470.00 |        340.00       338.00       336.00       340.00       345.00
349.00       350.00       350.00       350.00
  6398370.00 |        335.00       334.00       330.00       332.00       336.00
341.00       345.00       349.00       350.00
  6398270.00 |        329.00       328.00       326.00       324.00       328.00
332.00       337.00       341.00       345.00
  6398170.00 |        324.00       322.00       321.00       319.00       320.00
324.00       328.00       333.00       337.00
  6398070.00 |        318.00       317.00       316.00       314.00       313.00
316.00       320.00       324.00       329.00
  6397970.00 |        312.00       311.00       310.00       309.00       307.00
307.00       312.00       316.00       320.00
  6397870.00 |        306.00       305.00       304.00       303.00       302.00
301.00       303.00       309.00       315.00
  6397770.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       305.00       314.00
  6397670.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       306.00       317.00
  6397570.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       306.00       317.00
  6397470.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       306.00       317.00
  6397370.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       306.00       317.00
  6397270.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       305.00       315.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                  ***
***        20:04:44
 **MODELOPTs:
PAGE  10
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                    X-COORD (METERS)
    (METERS) |     583520.00    583620.00    583720.00    583820.00    583920.00
584020.00    584120.00    584220.00    584320.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       302.00       313.00
  6397070.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       307.00
  6396970.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       301.00
```

  6396870.00 | 300.00   300.00   300.00   300.00   300.00
300.00   300.00   300.00   300.00
  6396770.00 | 300.00   300.00   300.00   300.00   300.00
300.00   300.00   300.00   300.00
  6396670.00 | 300.00   300.00   300.00   300.00   300.00
300.00   300.00   300.00   300.00
  6396570.00 | 300.00   300.00   300.00   300.00   300.00
300.00   300.00   300.00   300.00
1 *** AERMOD - VERSION 07026 ***   *** NO2
***   02/14/08
                                    ***
***   20:04:44
 **MODELOPTs:
PAGE 11
 CONC   ELEV

                                  *** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART
***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 584420.00   584520.00   584620.00   584720.00   584820.00
584920.00   585020.00   585120.00   585220.00
 -
- -

  6401170.00 | 368.00   375.00   382.00   389.00   394.00
394.00   395.00   396.00   398.00
  6401070.00 | 363.00   370.00   377.00   383.00   386.00
385.00   387.00   389.00   390.00
  6400970.00 | 358.00   365.00   371.00   378.00   377.00
377.00   380.00   382.00   383.00
  6400870.00 | 352.00   359.00   366.00   369.00   369.00
370.00   373.00   375.00   376.00
  6400770.00 | 350.00   354.00   361.00   361.00   361.00
364.00   366.00   367.00   369.00
  6400670.00 | 350.00   350.00   353.00   353.00   352.00
357.00   359.00   360.00   362.00
  6400570.00 | 350.00   350.00   350.00   350.00   350.00
350.00   354.00   357.00   360.00
  6400470.00 | 350.00   350.00   350.00   350.00   350.00
352.00   355.00   358.00   361.00
  6400370.00 | 350.00   350.00   350.00   350.00   350.00
351.00   356.00   359.00   362.00
  6400270.00 | 350.00   350.00   350.00   350.00   350.00
351.00   356.00   361.00   364.00
  6400170.00 | 350.00   350.00   350.00   350.00   350.00
350.00   355.00   360.00   365.00
  6400070.00 | 350.00   350.00   350.00   350.00   350.00
350.00   355.00   360.00   365.00
  6399970.00 | 350.00   350.00   350.00   350.00   350.00
350.00   354.00   359.00   364.00
  6399870.00 | 350.00   350.00   350.00   350.00   350.00
350.00   354.00   359.00   364.00
  6399770.00 | 350.00   350.00   350.00   350.00   350.00
350.00   354.00   359.00   364.00
  6399670.00 | 350.00   350.00   350.00   350.00   350.00
350.00   353.00   358.00   363.00
  6399570.00 | 350.00   350.00   350.00   350.00   350.00
350.00   353.00   358.00   363.00
  6399470.00 | 350.00   350.00   350.00   350.00   350.00
350.00   352.00   357.00   362.00
  6399370.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   354.00   360.00

  6399270.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   351.00   356.00
  6399170.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   353.00
  6399070.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398970.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398870.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398770.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398670.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398570.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398470.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398370.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398270.00 | 350.00   350.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398170.00 | 341.00   346.00   350.00   350.00   350.00
350.00   350.00   350.00   350.00
  6398070.00 | 333.00   337.00   342.00   346.00   350.00
350.00   350.00   350.00   350.00
  6397970.00 | 325.00   329.00   337.00   345.00   350.00
350.00   350.00   350.00   350.00
  6397870.00 | 321.00   329.00   338.00   347.00   350.00
350.00   358.00   350.00   350.00
  6397770.00 | 322.00   331.00   340.00   348.00   356.00
369.00   370.00   350.00   350.00
  6397670.00 | 326.00   335.00   343.00   357.00   379.00
388.00   378.00   356.00   350.00
  6397570.00 | 328.00   337.00   347.00   372.00   398.00
400.00   387.00   365.00   349.00
  6397470.00 | 328.00   339.00   349.00   381.00   400.00
400.00   397.00   372.00   349.00
  6397370.00 | 328.00   339.00   348.00   373.00   400.00
400.00   400.00   378.00   352.00
  6397270.00 | 326.00   334.00   341.00   348.00   375.00
399.00   396.00   370.00   346.00
1 *** AERMOD - VERSION 07026 ***   *** NO2
***   02/14/08
                                     ***
***   20:04:44
 **MODELOPTs:
PAGE 12
 CONC   ELEV

                                  *** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART
***

                                                 * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 584420.00   584520.00   584620.00   584720.00   584820.00
584920.00   585020.00   585120.00   585220.00
 -
- -

  6397170.00 | 321.00   328.00   335.00   340.00   346.00
355.00   358.00   348.00   332.00
  6397070.00 | 315.00   321.00   325.00   328.00   335.00
336.00   337.00   329.00   312.00

6396970.00 | 306.00 310.00 313.00 318.00 321.00
322.00 320.00 311.00 300.00
6396870.00 | 300.00 300.00 301.00 305.00 307.00
307.00 305.00 300.00 300.00
6396770.00 | 300.00 300.00 300.00 300.00 300.00
300.00 300.00 300.00 300.00
6396670.00 | 300.00 300.00 300.00 300.00 300.00
300.00 300.00 300.00 300.00
6396570.00 | 300.00 300.00 300.00 300.00 300.00
300.00 300.00 300.00 300.00

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART
***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 585320.00 585420.00 585520.00 585620.00 585720.00
585820.00 585920.00 586020.00 586120.00
- -
- -

6401170.00 | 399.00 400.00 400.00 400.00 400.00
400.00 400.00 400.00 400.00
6401070.00 | 392.00 393.00 395.00 396.00 398.00
400.00 400.00 400.00 400.00
6400970.00 | 385.00 386.00 388.00 389.00 391.00
392.00 394.00 395.00 397.00
6400870.00 | 378.00 379.00 381.00 382.00 384.00
385.00 387.00 388.00 390.00
6400770.00 | 370.00 372.00 373.00 375.00 377.00
380.00 383.00 386.00 390.00
6400670.00 | 364.00 367.00 370.00 373.00 377.00
380.00 383.00 386.00 389.00
6400570.00 | 363.00 367.00 370.00 373.00 376.00
380.00 383.00 386.00 389.00
6400470.00 | 364.00 367.00 370.00 374.00 377.00
380.00 383.00 387.00 390.00
6400370.00 | 365.00 368.00 371.00 374.00 378.00
381.00 384.00 387.00 391.00
6400270.00 | 367.00 370.00 373.00 376.00 379.00
381.00 385.00 388.00 391.00
6400170.00 | 368.00 371.00 374.00 377.00 380.00
383.00 386.00 389.00 392.00
6400070.00 | 370.00 373.00 376.00 379.00 382.00
385.00 388.00 391.00 393.00
6399970.00 | 370.00 375.00 378.00 380.00 383.00
386.00 389.00 392.00 395.00
6399870.00 | 369.00 374.00 379.00 382.00 385.00
388.00 391.00 394.00 397.00
6399770.00 | 369.00 374.00 379.00 384.00 387.00
389.00 392.00 395.00 398.00
6399670.00 | 368.00 373.00 378.00 383.00 388.00
392.00 394.00 397.00 400.00
6399570.00 | 368.00 373.00 378.00 383.00 388.00
393.00 397.00 399.00 400.00
6399470.00 | 367.00 372.00 377.00 382.00 387.00
392.00 397.00 400.00 400.00

```
  6399370.00 |        365.00       370.00       375.00       380.00       386.00
391.00       397.00       400.00       400.00
  6399270.00 |        362.00       367.00       372.00       377.00       383.00
389.00       398.00       400.00       406.00
  6399170.00 |        359.00       364.00       369.00       374.00       381.00
390.00       400.00       400.00       411.00
  6399070.00 |        356.00       361.00       366.00       373.00       382.00
391.00       400.00       400.00       412.00
  6398970.00 |        353.00       358.00       365.00       374.00       383.00
392.00       404.00       413.00       421.00
  6398870.00 |        350.00       357.00       363.00       370.00       380.00
391.00       405.00       424.00       434.00
  6398770.00 |        350.00       350.00       357.00       369.00       380.00
392.00       406.00       425.00       445.00
  6398670.00 |        350.00       350.00       356.00       368.00       380.00
391.00       401.00       419.00       433.00
  6398570.00 |        350.00       350.00       355.00       365.00       376.00
386.00       395.00       401.00       408.00
  6398470.00 |        350.00       350.00       356.00       364.00       373.00
382.00       383.00       388.00       391.00
  6398370.00 |        350.00       350.00       351.00       359.00       368.00
370.00       371.00       375.00       378.00
  6398270.00 |        350.00       350.00       350.00       355.00       358.00
358.00       359.00       362.00       365.00
  6398170.00 |        350.00       350.00       350.00       350.00       350.00
350.00       350.00       350.00       353.00
  6398070.00 |        350.00       350.00       350.00       350.00       350.00
349.00       350.00       350.00       350.00
  6397970.00 |        350.00       350.00       350.00       350.00       344.00
344.00       349.00       350.00       350.00
  6397870.00 |        350.00       350.00       350.00       343.00       338.00
340.00       345.00       350.00       350.00
  6397770.00 |        350.00       349.00       343.00       336.00       332.00
336.00       341.00       347.00       350.00
  6397670.00 |        349.00       342.00       336.00       329.00       326.00
332.00       337.00       343.00       348.00
  6397570.00 |        342.00       335.00       329.00       322.00       322.00
328.00       333.00       339.00       344.00
  6397470.00 |        335.00       329.00       322.00       315.00       318.00
324.00       329.00       334.00       340.00
  6397370.00 |        337.00       322.00       315.00       309.00       314.00
320.00       325.00       330.00       337.00
  6397270.00 |        325.00       317.00       308.00       305.00       310.00
316.00       323.00       329.00       336.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE  14
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                                * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     585320.00    585420.00    585520.00    585620.00    585720.00
585820.00    585920.00    586020.00    586120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |        316.00       300.00       300.00       302.00       309.00
315.00       321.00       327.00       334.00
```

  6397070.00 | 300.00   300.00   300.00   301.00   307.00
313.00   319.00   325.00   330.00
  6396970.00 | 300.00   300.00   300.00   300.00   304.00
310.00   317.00   322.00   326.00
  6396870.00 | 300.00   300.00   300.00   300.00   302.00
308.00   313.00   318.00   322.00
  6396770.00 | 300.00   300.00   300.00   300.00   300.00
305.00   309.00   313.00   318.00
  6396670.00 | 300.00   300.00   300.00   300.00   300.00
301.00   305.00   309.00   312.00
  6396570.00 | 300.00   300.00   300.00   300.00   300.00
300.00   301.00   305.00   310.00

                                  *** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART
***

                                                  * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 586220.00   586320.00
 -
- -

  6401170.00 | 400.00   400.00
  6401070.00 | 400.00   400.00
  6400970.00 | 398.00   400.00
  6400870.00 | 393.00   396.00
  6400770.00 | 393.00   396.00
  6400670.00 | 393.00   396.00
  6400570.00 | 393.00   396.00
  6400470.00 | 393.00   396.00
  6400370.00 | 394.00   397.00
  6400270.00 | 394.00   398.00
  6400170.00 | 395.00   398.00
  6400070.00 | 396.00   399.00
  6399970.00 | 398.00   400.00
  6399870.00 | 400.00   400.00
  6399770.00 | 400.00   400.00
  6399670.00 | 400.00   400.00
  6399570.00 | 400.00   400.00
  6399470.00 | 400.00   413.00
  6399370.00 | 409.00   425.00
  6399270.00 | 421.00   436.00
  6399170.00 | 430.00   450.00
  6399070.00 | 431.00   449.00
  6398970.00 | 433.00   450.00
  6398870.00 | 443.00   450.00
  6398770.00 | 450.00   450.00
  6398670.00 | 436.00   437.00
  6398570.00 | 410.00   410.00
  6398470.00 | 393.00   392.00
  6398370.00 | 382.00   381.00
  6398270.00 | 369.00   370.00
  6398170.00 | 356.00   359.00
  6398070.00 | 350.00   350.00
  6397970.00 | 350.00   350.00
  6397870.00 | 350.00   350.00
  6397770.00 | 350.00   350.00
  6397670.00 | 350.00   350.00

6397570.00	349.00	350.00
6397470.00	345.00	350.00
6397370.00	343.00	350.00
6397270.00	342.00	347.00

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 586220.00	586320.00
6397170.00	339.00	343.00
6397070.00	335.00	339.00
6396970.00	330.00	333.00
6396870.00	326.00	328.00
6396770.00	320.00	326.00
6396670.00	318.00	325.00
6396570.00	317.00	323.00

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	581720.00	581820.00	581920.00	582020.00	582120.00	582220.00	582320.00	582420.00	582520.00
6401170.00	300.00	300.00	300.00	300.00	300.00	300.00	303.00	306.00	309.00
6401070.00	300.00	300.00	300.00	300.00	300.00	300.00	303.00	306.00	309.00
6400970.00	300.00	300.00	300.00	300.00	300.00	301.00	304.00	306.00	309.00
6400870.00	300.00	300.00	300.00	300.00	300.00	302.00	305.00	308.00	311.00
6400770.00	300.00	300.00	300.00	300.00	302.00	304.00	306.00	309.00	312.00
6400670.00	300.00	300.00	301.00	302.00	304.00	306.00	307.00	310.00	313.00
6400570.00	300.00	301.00	302.00	304.00	306.00	307.00	309.00	311.00	314.00
6400470.00	300.00	302.00	304.00	306.00	307.00	309.00	311.00	312.00	315.00

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  6400370.00 |        301.00       304.00       306.00       308.00       309.00
311.00       313.00       314.00       316.00
  6400270.00 |        302.00       304.00       307.00       309.00       311.00
313.00       314.00       316.00       318.00
  6400170.00 |        302.00       305.00       308.00       310.00       313.00
315.00       316.00       318.00       320.00
  6400070.00 |        303.00       306.00       308.00       311.00       313.00
316.00       318.00       320.00       321.00
  6399970.00 |        304.00       306.00       309.00       311.00       314.00
317.00       319.00       322.00       323.00
  6399870.00 |        304.00       307.00       309.00       312.00       315.00
317.00       320.00       323.00       325.00
  6399770.00 |        305.00       307.00       310.00       313.00       315.00
318.00       321.00       323.00       326.00
  6399670.00 |        305.00       308.00       311.00       313.00       316.00
319.00       321.00       324.00       326.00
  6399570.00 |        305.00       308.00       311.00       314.00       316.00
319.00       322.00       324.00       327.00
  6399470.00 |        304.00       307.00       310.00       313.00       316.00
319.00       322.00       325.00       328.00
  6399370.00 |        304.00       307.00       310.00       313.00       316.00
319.00       322.00       325.00       328.00
  6399270.00 |        304.00       307.00       310.00       313.00       315.00
318.00       321.00       324.00       327.00
  6399170.00 |        303.00       306.00       309.00       312.00       315.00
318.00       321.00       324.00       327.00
  6399070.00 |        303.00       306.00       309.00       312.00       315.00
318.00       321.00       324.00       327.00
  6398970.00 |        303.00       306.00       309.00       313.00       316.00
319.00       322.00       325.00       328.00
  6398870.00 |        300.00       304.00       307.00       311.00       314.00
318.00       322.00       325.00       329.00
  6398770.00 |        300.00       302.00       305.00       309.00       312.00
316.00       319.00       323.00       326.00
  6398670.00 |        300.00       300.00       303.00       306.00       310.00
313.00       317.00       320.00       324.00
  6398570.00 |        300.00       300.00       300.00       304.00       307.00
311.00       314.00       318.00       321.00
  6398470.00 |        300.00       300.00       300.00       302.00       305.00
308.00       312.00       315.00       318.00
  6398370.00 |        300.00       300.00       300.00       300.00       302.00
305.00       308.00       312.00       315.00
  6398270.00 |        300.00       300.00       300.00       300.00       300.00
302.00       305.00       308.00       311.00
  6398170.00 |        300.00       300.00       300.00       300.00       300.00
300.00       301.00       304.00       307.00
  6398070.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       302.00
  6397970.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397870.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397770.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397670.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397570.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397470.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397370.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
  6397270.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       300.00       300.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
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*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)										
	581720.00	581820.00	581920.00	582020.00	582120.00	582220.00	582320.00	582420.00	582520.00		
6397170.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00		
6397070.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00		
6396970.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00		
6396870.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00		
6396770.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00		
6396670.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00		
6396570.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00		

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)										
	582620.00	582720.00	582820.00	582920.00	583020.00	583120.00	583220.00	583320.00	583420.00		
6401170.00	312.00	315.00	318.00	321.00	324.00	327.00	330.00	333.00	336.00		
6401070.00	312.00	315.00	318.00	321.00	324.00	327.00	330.00	333.00	336.00		
6400970.00	312.00	315.00	318.00	321.00	324.00	327.00	330.00	333.00	336.00		
6400870.00	313.00	316.00	319.00	321.00	324.00	327.00	330.00	333.00	336.00		
6400770.00	314.00	317.00	320.00	323.00	326.00	328.00	331.00	334.00	337.00		
6400670.00	315.00	318.00	321.00	324.00	327.00	329.00	332.00	335.00	338.00		
6400570.00	316.00	319.00	322.00	325.00	327.00	330.00	333.00	336.00	339.00		

6400470.00	317.00	320.00	323.00	326.00	328.00	331.00
334.00	337.00	340.00				
6400370.00	318.00	321.00	324.00	327.00	329.00	332.00
335.00	338.00	341.00				
6400270.00	319.00	322.00	325.00	328.00	330.00	333.00
336.00	339.00	342.00				
6400170.00	321.00	323.00	326.00	329.00	331.00	334.00
337.00	340.00	343.00				
6400070.00	323.00	325.00	327.00	330.00	332.00	335.00
338.00	341.00	343.00				
6399970.00	325.00	327.00	328.00	331.00	333.00	336.00
339.00	342.00	344.00				
6399870.00	327.00	328.00	330.00	332.00	334.00	337.00
340.00	343.00	345.00				
6399770.00	328.00	330.00	332.00	334.00	335.00	338.00
341.00	344.00	346.00				
6399670.00	329.00	332.00	334.00	335.00	337.00	339.00
342.00	345.00	347.00				
6399570.00	330.00	332.00	335.00	337.00	339.00	341.00
343.00	346.00	348.00				
6399470.00	330.00	333.00	336.00	338.00	341.00	342.00
344.00	347.00	349.00				
6399370.00	331.00	333.00	336.00	339.00	342.00	344.00
346.00	348.00	350.00				
6399270.00	330.00	333.00	336.00	339.00	342.00	345.00
347.00	349.00	350.00				
6399170.00	330.00	333.00	336.00	339.00	342.00	345.00
348.00	350.00	350.00				
6399070.00	330.00	333.00	336.00	339.00	343.00	346.00
349.00	350.00	350.00				
6398970.00	331.00	334.00	337.00	340.00	344.00	347.00
350.00	350.00	350.00				
6398870.00	332.00	335.00	338.00	342.00	345.00	348.00
350.00	350.00	350.00				
6398770.00	330.00	333.00	337.00	340.00	344.00	347.00
350.00	350.00	350.00				
6398670.00	327.00	331.00	334.00	338.00	341.00	346.00
350.00	350.00	350.00				
6398570.00	325.00	328.00	331.00	336.00	339.00	341.00
345.00	347.00	347.00				
6398470.00	321.00	325.00	329.00	331.00	334.00	337.00
339.00	341.00	342.00				
6398370.00	319.00	321.00	324.00	327.00	329.00	331.00
333.00	335.00	336.00				
6398270.00	314.00	317.00	319.00	322.00	324.00	326.00
327.00	329.00	330.00				
6398170.00	309.00	312.00	315.00	316.00	318.00	320.00
321.00	323.00	324.00				
6398070.00	305.00	307.00	309.00	311.00	313.00	314.00
315.00	316.00	318.00				
6397970.00	300.00	303.00	304.00	305.00	307.00	308.00
309.00	310.00	311.00				
6397870.00	300.00	300.00	300.00	300.00	301.00	302.00
303.00	304.00	305.00				
6397770.00	300.00	300.00	300.00	300.00	300.00	300.00
300.00	300.00	300.00				
6397670.00	300.00	300.00	300.00	300.00	300.00	300.00
300.00	300.00	300.00				
6397570.00	300.00	300.00	300.00	300.00	300.00	300.00
300.00	300.00	300.00				
6397470.00	300.00	300.00	300.00	300.00	300.00	300.00
300.00	300.00	300.00				
6397370.00	300.00	300.00	300.00	300.00	300.00	300.00
300.00	300.00	300.00				
6397270.00	300.00	300.00	300.00	300.00	300.00	300.00
300.00	300.00	300.00				

1 *** AERMOD - VERSION 07026 *** *** NO2 *** 02/14/08
*** *** 20:04:44
**MODELOPTs:
PAGE 20
CONC ELEV

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 582620.00	582720.00	582820.00	582920.00	583020.00	583120.00	583220.00	583320.00	583420.00
6397170.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
6397070.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
6396970.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
6396870.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
6396770.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
6396670.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00
6396570.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00	300.00

1 *** AERMOD - VERSION 07026 *** *** NO2 *** 02/14/08
*** *** 20:04:44
**MODELOPTs:
PAGE 21
CONC ELEV

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 583520.00	583620.00	583720.00	583820.00	583920.00	584020.00	584120.00	584220.00	584320.00
6401170.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	353.00	361.00
6401070.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	356.00
6400970.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	351.00
6400870.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	350.00
6400770.00	339.00	342.00	345.00	348.00	350.00	350.00	350.00	350.00	350.00
6400670.00	340.00	343.00	346.00	349.00	350.00	350.00	350.00	350.00	350.00

6400570.00	341.00	344.00	347.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6400470.00	342.00	345.00	348.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6400370.00	343.00	346.00	349.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6400270.00	344.00	347.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6400170.00	345.00	348.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6400070.00	346.00	349.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399970.00	347.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399870.00	348.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399770.00	349.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399670.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399570.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399470.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399370.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399270.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399170.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6399070.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6398970.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6398870.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6398770.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6398670.00	349.00	348.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00	350.00			
6398570.00	345.00	342.00	344.00	348.00	350.00	350.00
350.00	350.00	350.00	350.00			
6398470.00	340.00	338.00	336.00	340.00	345.00	349.00
350.00	350.00	350.00	350.00			
6398370.00	335.00	334.00	330.00	332.00	336.00	341.00
345.00	349.00	350.00				
6398270.00	329.00	328.00	326.00	324.00	328.00	332.00
337.00	341.00	345.00				
6398170.00	324.00	322.00	321.00	319.00	320.00	324.00
328.00	333.00	337.00				
6398070.00	318.00	317.00	316.00	314.00	313.00	316.00
320.00	324.00	329.00				
6397970.00	312.00	311.00	310.00	309.00	307.00	398.00
400.00	400.00	400.00				
6397870.00	306.00	305.00	304.00	303.00	398.00	400.00
400.00	400.00	400.00				
6397770.00	300.00	300.00	300.00	300.00	400.00	400.00
400.00	400.00	400.00				
6397670.00	300.00	300.00	300.00	300.00	400.00	400.00
400.00	400.00	400.00				
6397570.00	300.00	300.00	300.00	300.00	400.00	400.00
400.00	400.00	400.00				
6397470.00	300.00	300.00	300.00	400.00	400.00	400.00
400.00	400.00	400.00				
6397370.00	300.00	300.00	300.00	400.00	400.00	400.00
400.00	400.00	400.00				

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  6397270.00 |        300.00       300.00       300.00       300.00       400.00
400.00       400.00       400.00       400.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE  22
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     583520.00    583620.00    583720.00    583820.00    583920.00
584020.00    584120.00    584220.00    584320.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |        300.00       300.00       300.00       300.00       400.00
400.00       400.00       400.00       400.00
  6397070.00 |        300.00       300.00       300.00       300.00       400.00
400.00       400.00       400.00       400.00
  6396970.00 |        300.00       300.00       300.00       300.00       400.00
400.00       400.00       400.00       400.00
  6396870.00 |        300.00       300.00       300.00       300.00       300.00
400.00       400.00       400.00       400.00
  6396770.00 |        300.00       300.00       300.00       300.00       300.00
400.00       400.00       400.00       400.00
  6396670.00 |        300.00       300.00       300.00       300.00       300.00
300.00       400.00       400.00       400.00
  6396570.00 |        300.00       300.00       300.00       300.00       300.00
300.00       300.00       400.00       400.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE  23
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     584420.00    584520.00    584620.00    584720.00    584820.00
584920.00    585020.00    585120.00    585220.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  6401170.00 |        368.00       375.00       382.00       389.00       394.00
394.00       395.00       396.00       398.00
  6401070.00 |        363.00       370.00       377.00       383.00       386.00
385.00       387.00       389.00       390.00
  6400970.00 |        358.00       365.00       371.00       378.00       377.00
377.00       380.00       382.00       383.00
  6400870.00 |        352.00       359.00       366.00       369.00       369.00
370.00       373.00       375.00       376.00
  6400770.00 |        350.00       354.00       361.00       361.00       361.00
364.00       366.00       367.00       369.00
```

6400670.00	350.00	350.00	353.00	353.00	352.00	357.00
359.00	360.00	362.00				
6400570.00	350.00	350.00	350.00	350.00	350.00	350.00
354.00	357.00	360.00				
6400470.00	350.00	350.00	350.00	350.00	350.00	352.00
355.00	358.00	361.00				
6400370.00	350.00	350.00	350.00	350.00	350.00	351.00
356.00	359.00	362.00				
6400270.00	350.00	350.00	350.00	350.00	350.00	351.00
356.00	361.00	364.00				
6400170.00	350.00	350.00	350.00	350.00	350.00	350.00
355.00	360.00	365.00				
6400070.00	350.00	350.00	350.00	350.00	350.00	350.00
355.00	360.00	365.00				
6399970.00	350.00	350.00	350.00	350.00	350.00	350.00
354.00	359.00	364.00				
6399870.00	350.00	350.00	350.00	350.00	350.00	350.00
354.00	359.00	364.00				
6399770.00	350.00	350.00	350.00	350.00	350.00	350.00
354.00	359.00	364.00				
6399670.00	350.00	350.00	350.00	350.00	350.00	350.00
353.00	358.00	363.00				
6399570.00	350.00	350.00	350.00	350.00	350.00	350.00
353.00	358.00	363.00				
6399470.00	350.00	350.00	350.00	350.00	350.00	350.00
352.00	357.00	362.00				
6399370.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	354.00	360.00				
6399270.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	351.00	356.00				
6399170.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	353.00				
6399070.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	445.00				
6398970.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	445.00				
6398870.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	445.00				
6398770.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	450.00				
6398670.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	445.00				
6398570.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	445.00				
6398470.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	445.00				
6398370.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00				
6398270.00	350.00	350.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00				
6398170.00	341.00	346.00	350.00	350.00	350.00	350.00
350.00	350.00	350.00				
6398070.00	398.00	398.00	398.00	400.00	350.00	400.00
350.00	350.00	350.00				
6397970.00	400.00	400.00	400.00	400.00	400.00	400.00
400.00	400.00	400.00				
6397870.00	400.00	400.00	400.00	400.00	400.00	400.00
400.00	400.00	400.00				
6397770.00	400.00	400.00	400.00	400.00	400.00	400.00
400.00	400.00	400.00				
6397670.00	400.00	400.00	400.00	400.00	400.00	400.00
400.00	400.00	400.00				
6397570.00	400.00	400.00	400.00	400.00	398.00	400.00
400.00	400.00	400.00				
6397470.00	400.00	400.00	400.00	400.00	400.00	400.00
397.00	400.00	400.00				

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  6397370.00 |        400.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
  6397270.00 |        400.00       400.00       400.00       400.00       400.00
399.00       396.00       400.00       400.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                                 ***
***        20:04:44
 **MODELOPTs:
PAGE  24
 CONC                                ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                                  * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                    X-COORD (METERS)
    (METERS) |     584420.00    584520.00    584620.00    584720.00    584820.00
584920.00    585020.00    585120.00    585220.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |        400.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
  6397070.00 |        400.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
  6396970.00 |        400.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
  6396870.00 |        400.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
  6396770.00 |        400.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
  6396670.00 |        400.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
  6396570.00 |        400.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                                 ***
***        20:04:44
 **MODELOPTs:
PAGE  25
 CONC                                ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                                  * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                    X-COORD (METERS)
    (METERS) |     585320.00    585420.00    585520.00    585620.00    585720.00
585820.00    585920.00    586020.00    586120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

  6401170.00 |        399.00       400.00       400.00       400.00       400.00
400.00       400.00       400.00       400.00
  6401070.00 |        392.00       393.00       395.00       396.00       398.00
400.00       400.00       400.00       400.00
  6400970.00 |        385.00       386.00       388.00       389.00       391.00
392.00       394.00       395.00       397.00
  6400870.00 |        378.00       379.00       381.00       382.00       384.00
385.00       387.00       388.00       390.00
```

6400770.00	370.00	372.00	373.00	375.00	377.00	380.00
383.00	386.00	390.00				
6400670.00	364.00	367.00	370.00	373.00	377.00	380.00
383.00	386.00	389.00				
6400570.00	363.00	367.00	370.00	373.00	376.00	380.00
383.00	386.00	389.00				
6400470.00	364.00	367.00	370.00	374.00	377.00	380.00
383.00	387.00	390.00				
6400370.00	365.00	368.00	371.00	374.00	378.00	381.00
384.00	387.00	391.00				
6400270.00	367.00	370.00	373.00	376.00	379.00	381.00
385.00	388.00	391.00				
6400170.00	368.00	371.00	374.00	377.00	380.00	383.00
386.00	389.00	392.00				
6400070.00	370.00	373.00	376.00	379.00	382.00	385.00
388.00	391.00	393.00				
6399970.00	370.00	375.00	378.00	380.00	383.00	386.00
389.00	392.00	395.00				
6399870.00	369.00	374.00	379.00	382.00	385.00	388.00
391.00	394.00	397.00				
6399770.00	369.00	374.00	379.00	384.00	387.00	389.00
392.00	395.00	398.00				
6399670.00	368.00	373.00	378.00	383.00	388.00	392.00
394.00	397.00	400.00				
6399570.00	368.00	373.00	378.00	383.00	388.00	393.00
397.00	450.00	450.00				
6399470.00	367.00	372.00	377.00	382.00	387.00	392.00
450.00	450.00	450.00				
6399370.00	365.00	370.00	375.00	380.00	450.00	450.00
450.00	450.00	450.00				
6399270.00	362.00	367.00	372.00	450.00	450.00	450.00
450.00	450.00	450.00				
6399170.00	359.00	445.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6399070.00	445.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398970.00	450.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398870.00	450.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398770.00	450.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	445.00				
6398670.00	450.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398570.00	450.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398470.00	450.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398370.00	450.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398270.00	445.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398170.00	350.00	450.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6398070.00	350.00	350.00	450.00	450.00	450.00	450.00
450.00	450.00	450.00				
6397970.00	350.00	350.00	350.00	450.00	450.00	450.00
450.00	450.00	450.00				
6397870.00	400.00	350.00	350.00	343.00	450.00	450.00
450.00	450.00	450.00				
6397770.00	400.00	349.00	343.00	336.00	450.00	450.00
450.00	450.00	350.00				
6397670.00	400.00	400.00	400.00	400.00	450.00	450.00
337.00	343.00	348.00				
6397570.00	400.00	400.00	400.00	400.00	400.00	328.00
333.00	339.00	344.00				

```
  6397470.00 |        400.00       400.00       400.00       400.00       400.00
324.00       329.00       334.00       340.00
  6397370.00 |        400.00       400.00       400.00       400.00       400.00
400.00       325.00       330.00       337.00
  6397270.00 |        400.00       400.00       400.00       400.00       400.00
400.00       323.00       329.00       336.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                  ***
***        20:04:44
 **MODELOPTs:
PAGE  26
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     585320.00    585420.00    585520.00    585620.00    585720.00
585820.00    585920.00    586020.00    586120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |        400.00       400.00       400.00       400.00       400.00
400.00       321.00       327.00       334.00
  6397070.00 |        400.00       400.00       400.00       400.00       400.00
400.00       319.00       325.00       330.00
  6396970.00 |        400.00       400.00       400.00       400.00       400.00
400.00       317.00       322.00       326.00
  6396870.00 |        400.00       400.00       400.00       400.00       400.00
308.00       313.00       318.00       322.00
  6396770.00 |        400.00       400.00       400.00       400.00       400.00
305.00       309.00       313.00       318.00
  6396670.00 |        400.00       400.00       400.00       400.00       400.00
301.00       305.00       309.00       312.00
  6396570.00 |        400.00       400.00       400.00       400.00       300.00
300.00       301.00       305.00       310.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                  ***
***        20:04:44
 **MODELOPTs:
PAGE  27
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                              * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     586220.00    586320.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

  6401170.00 |        400.00       400.00
  6401070.00 |        400.00       400.00
  6400970.00 |        398.00       400.00
  6400870.00 |        393.00       396.00
  6400770.00 |        393.00       396.00
  6400670.00 |        393.00       396.00
  6400570.00 |        393.00       396.00
  6400470.00 |        393.00       396.00
```

```
  6400370.00 |        394.00       397.00
  6400270.00 |        394.00       398.00
  6400170.00 |        395.00       398.00
  6400070.00 |        396.00       399.00
  6399970.00 |        398.00       400.00
  6399870.00 |        400.00       400.00
  6399770.00 |        400.00       400.00
  6399670.00 |        400.00       450.00
  6399570.00 |        450.00       450.00
  6399470.00 |        450.00       450.00
  6399370.00 |        450.00       450.00
  6399270.00 |        450.00       450.00
  6399170.00 |        450.00       450.00
  6399070.00 |        450.00       449.00
  6398970.00 |        450.00       450.00
  6398870.00 |        443.00       450.00
  6398770.00 |        450.00       450.00
  6398670.00 |        450.00       450.00
  6398570.00 |        450.00       450.00
  6398470.00 |        450.00       450.00
  6398370.00 |        450.00       450.00
  6398270.00 |        450.00       450.00
  6398170.00 |        450.00       450.00
  6398070.00 |        450.00       450.00
  6397970.00 |        450.00       450.00
  6397870.00 |        450.00       450.00
  6397770.00 |        450.00       450.00
  6397670.00 |        350.00       350.00
  6397570.00 |        349.00       350.00
  6397470.00 |        345.00       350.00
  6397370.00 |        343.00       350.00
  6397270.00 |        342.00       347.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                  ***
***        20:04:44
 **MODELOPTs:
PAGE  28
 CONC                               ELEV


                                  *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE: GRIDCART
***

                                                * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     586220.00    586320.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |        339.00       343.00
  6397070.00 |        335.00       339.00
  6396970.00 |        330.00       333.00
  6396870.00 |        326.00       328.00
  6396770.00 |        320.00       326.00
  6396670.00 |        318.00       325.00
  6396570.00 |        317.00       323.00
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                  ***
***        20:04:44
 **MODELOPTs:
PAGE  29
 CONC                               ELEV
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(585756.0, 6401131.0, 399.5, 399.5, 0.0); (585236.2, 6398191.5, 350.0, 350.0, 0.0);
(582643.1, 6399353.0, 331.3, 331.3, 0.0); (583406.3, 6398695.5, 350.0, 350.0, 0.0);
(585376.9, 6400030.5, 372.2, 372.2, 0.0); (583843.8, 6398730.5, 350.0, 350.0, 0.0);
(584339.8, 6398883.0, 350.0, 350.0, 0.0); (584229.8, 6399221.0, 350.0, 350.0, 0.0);
(583738.8, 6399067.5, 350.0, 350.0, 0.0); (583843.8, 6398730.5, 350.0, 350.0, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 0 0 0 0
AND END DATE: 9999 99 99 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: J:\A353-E~1\PROJ\211672~1\05_WRK~1\2SPECI~1\air\MET_BA~1\met\MODELL~1\AERMOD_sur Met Version: 06341
Profile file: J:\A353-E~1\PROJ\211672~1\05_WRK~1\2SPECI~1\air\MET_BA~1\met\MODELL~1\AERMOD_UA.
Surface format: (3(I2,1X),I3,1X,I2,1X,F6.1,1X,3(F6.3,1X),2(F5.0,1X),F8.1,1X,F6.3,1X,2(F6.2,1X),F7.2,1X,F5.0,3(1X,F6.1))
Profile format: (4(I2,1X),F6.1,1X,I1,1X,F5.0,1X,F7.2,1X,F7.2,1X,F6.1,1X,F7.2)
Surface station no.: 54321 Upper air station no.: 54321
Name: UNKNOWN Name: UNKNOWN
Year: 2004 Year: 2004

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
04	01	01	1	01	-25.9	0.098	-9.000	-9.000	-999.	71.	2.8	0.25	1.00	0.20	1.70	124.	9.6	296.3	9.6
04	01	01	1	02	-24.7	0.097	-9.000	-9.000	-999.	70.	2.9	0.25	1.00	0.20	2.00	158.	9.6	293.9	9.6
04	01	01	1	03	-24.7	0.100	-9.000	-9.000	-999.	73.	3.3	0.25	1.00	0.20	2.10	164.	9.6	292.6	9.6
04	01	01	1	04	-24.5	0.101	-9.000	-9.000	-999.	74.	3.5	0.25	1.00	0.20	2.20	166.	9.6	292.0	9.6
04	01	01	1	05	-23.9	0.101	-9.000	-9.000	-999.	73.	3.5	0.25	1.00	0.20	2.20	163.	9.6	291.5	9.6
04	01	01	1	06	-13.0	0.098	-9.000	-9.000	-999.	70.	5.7	0.25	1.00	0.20	1.80	161.	9.6	291.9	9.6
04	01	01	1	07	0.7	0.130	0.143	0.021	40.	107.	-23.2	0.25	1.00	0.20	1.10	136.	9.6	295.4	9.6
04	01	01	1	08	17.9	0.157	0.365	0.010	44.	143.	-8.5	0.25	1.00	0.20	1.20	80.	9.6	298.6	9.6
04	01	01	1	09	29.6	0.211	0.597	0.010	121.	223.	-13.2	0.25	1.00	0.20	1.80	44.	9.6	301.0	9.6
04	01	01	1	10	45.6	0.233	0.840	0.010	241.	259.	-12.8	0.25	1.00	0.20	1.90	13.	9.6	302.6	9.6
04	01	01	1	11	60.4	0.247	1.006	0.010	331.	282.	-12.1	0.25	1.00	0.20	2.10	348.	9.6	303.9	9.6
04	01	01	1	12	75.1	0.234	1.154	0.010	430.	260.	-8.8	0.25	1.00	0.20	1.80	340.	9.6	305.1	9.6
04	01	01	1	13	96.4	0.226	1.334	0.010	567.	248.	-6.9	0.25	1.00	0.20	1.80	340.	9.6	306.3	9.6
04	01	01	1	14	133.3	0.242	1.561	0.010	770.	274.	-7.0	0.25	1.00	0.20	1.90	339.	9.6	307.4	9.6
04	01	01	1	15	105.8	0.161	2.162	0.010	2411.	148.	-2.1	0.25	1.00	0.20	0.50	318.	9.6	307.8	9.6
04	01	01	1	16	20.3	0.222	1.486	0.010	2411.	241.	-19.7	0.25	1.00	0.20	2.30	157.	9.6	307.7	9.6
04	01	01	1	17	9.0	0.228	1.233	0.010	2411.	251.	-37.1	0.25	1.00	0.20	2.50	144.	9.6	307.9	9.6
04	01	01	1	18	-18.5	0.190	-9.000	-9.000	-999.	191.	74.0	0.25	1.00	0.20	2.70	133.	9.6	307.9	9.6
04	01	01	1	19	-33.4	0.128	-9.000	-9.000	-999.	105.	6.3	0.25	1.00	0.20	2.70	115.	9.6	306.7	9.6
04	01	01	1	20	-50.0	0.169	-9.000	-9.000	-999.	160.	8.2	0.25	1.00	0.20	3.90	84.	9.6	302.4	9.6
04	01	01	1	21	-56.2	0.216	-9.000	-9.000	-999.	230.	13.4	0.25	1.00	0.20	4.20	79.	9.6	299.3	9.6
04	01	01	1	22	-76.3	0.287	-9.000	-9.000	-999.	353.	23.8	0.25	1.00	0.20	4.80	74.	9.6	298.0	9.6

```
 04 01 01   1 23 -115.6  0.424 -9.000 -9.000 -999.  635.     59.8  0.25   1.00
0.20    5.70   70.    9.6  298.6    9.6
 04 01 01   1 24 -101.2  0.398 -9.000 -9.000 -999.  577.     60.3  0.25   1.00
0.20    5.20   77.    9.6  297.5    9.6
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                      ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 04 01 01 01    9.6 0  124.    1.70   296.4    6.7    0.16    0.20
 04 01 01 01   24.1 0  106.    2.60   298.4    3.1    0.12    0.20
 04 01 01 01   48.2 0   98.    2.90   301.2    2.0    0.08    0.20
 04 01 01 01   96.5 0   89.    3.30   302.9    1.7    0.08    0.20
 04 01 01 01  144.7 0   80.    3.80   303.6    1.5    0.08    0.20
 04 01 01 01  192.9 0   75.    4.10   303.8    1.4    0.08    0.20
 04 01 01 01  241.1 0   71.    4.30   303.8    1.3    0.08    0.20
 04 01 01 01  289.4 0   68.    4.30   303.6    1.3    0.08    0.20
 04 01 01 01  385.8 0   65.    3.90   303.0    2.5    0.14    0.20
 04 01 01 01  482.3 0   62.    3.30   302.3    1.7    0.08    0.20
 04 01 01 01  578.7 0   60.    2.60   301.5    3.8    0.14    0.20
 04 01 01 01  723.4 0   56.    1.90   300.2   12.1    0.33    0.39
 04 01 01 01  964.5 0   46.    1.10   298.2    5.2    0.08    0.20
 04 01 01 01 1205.6 0  355.    0.50   296.1   59.1    0.34    0.31
 04 01 01 01 1446.8 0  269.    0.80   294.1    7.2    0.08    0.20
 04 01 01 01 1687.9 0  249.    1.60   291.9   18.3    0.42    0.49
 04 01 01 01 1929.0 0  243.    2.10   289.8    8.6    0.26    0.31
 04 01 01 01 2411.3 0  232.    3.60   285.5    1.6    0.08    0.20
 04 01 01 01 2893.5 0  229.    5.20   281.2    1.1    0.08    0.20
 04 01 01 01 3375.8 1  226.    6.40   277.7    0.9    0.08    0.20

 F indicates top of profile (=1) or below (=0)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08                      ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                      *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                           ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                                  X-COORD (METERS)
    (METERS) |     581720.00    581820.00    581920.00    582020.00    582120.00
582220.00    582320.00    582420.00    582520.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

  6401170.00 |       0.08135      0.08093      0.08051      0.08011      0.07972
0.07936      0.07929      0.07927      0.07929
  6401070.00 |       0.08171      0.08124      0.08077      0.08032      0.07989
0.07950      0.07944      0.07943      0.07945
```

6400970.00 | 0.08208 0.08156 0.08104 0.08054 0.08007
0.07979 0.07975 0.07965 0.07965
6400870.00 | 0.08247 0.08191 0.08134 0.08078 0.08032
0.08015 0.08010 0.08009 0.08008
6400770.00 | 0.08289 0.08229 0.08168 0.08112 0.08087
0.08066 0.08049 0.08046 0.08044
6400670.00 | 0.08337 0.08271 0.08219 0.08178 0.08153
0.08127 0.08095 0.08088 0.08085
6400570.00 | 0.08396 0.08334 0.08286 0.08258 0.08230
0.08191 0.08165 0.08143 0.08136
6400470.00 | 0.08472 0.08418 0.08382 0.08352 0.08311
0.08282 0.08254 0.08215 0.08204
6400370.00 | 0.08579 0.08540 0.08503 0.08467 0.08422
0.08391 0.08362 0.08322 0.08295
6400270.00 | 0.08711 0.08667 0.08638 0.08597 0.08560
0.08525 0.08481 0.08453 0.08427
6400170.00 | 0.08859 0.08830 0.08800 0.08758 0.08730
0.08693 0.08644 0.08616 0.08591
6400070.00 | 0.09053 0.09023 0.08980 0.08950 0.08909
0.08884 0.08849 0.08821 0.08780
6399970.00 | 0.09289 0.09246 0.09214 0.09170 0.09143
0.09120 0.09087 0.09078 0.09037
6399870.00 | 0.09562 0.09535 0.09491 0.09463 0.09437
0.09397 0.09384 0.09381 0.09364
6399770.00 | 0.09899 0.09868 0.09848 0.09828 0.09791
0.09774 0.09768 0.09750 0.09760
6399670.00 | 0.10281 0.10279 0.10275 0.10255 0.10250
0.10251 0.10240 0.10258 0.10257
6399570.00 | 0.10730 0.10748 0.10766 0.10786 0.10786
0.10814 0.10855 0.10879 0.10934
6399470.00 | 0.11213 0.11258 0.11305 0.11356 0.11412
0.11480 0.11566 0.11666 0.11777
6399370.00 | 0.11713 0.11792 0.11878 0.11972 0.12076
0.12199 0.12347 0.12519 0.12713
6399270.00 | 0.12149 0.12262 0.12385 0.12521 0.12651
0.12832 0.13044 0.13296 0.13584
6399170.00 | 0.12443 0.12577 0.12726 0.12891 0.13081
0.13305 0.13570 0.13884 0.14251
6399070.00 | 0.12589 0.12730 0.12886 0.13062 0.13262
0.13499 0.13780 0.14113 0.14506
6398970.00 | 0.12558 0.12690 0.12835 0.13021 0.13208
0.13427 0.13688 0.13995 0.14359
6398870.00 | 0.12328 0.12453 0.12569 0.12722 0.12869
0.13068 0.13302 0.13547 0.13873
6398770.00 | 0.12055 0.12112 0.12193 0.12301 0.12400
0.12538 0.12671 0.12859 0.13045
6398670.00 | 0.11721 0.11711 0.11753 0.11797 0.11867
0.11922 0.12009 0.12084 0.12203
6398570.00 | 0.11358 0.11320 0.11276 0.11298 0.11300
0.11322 0.11325 0.11351 0.11359
6398470.00 | 0.10990 0.10926 0.10854 0.10806 0.10768
0.10724 0.10696 0.10642 0.10587
6398370.00 | 0.10625 0.10537 0.10440 0.10334 0.10247
0.10167 0.10082 0.10007 0.09909
6398270.00 | 0.10270 0.10161 0.10045 0.09920 0.09783
0.09667 0.09557 0.09436 0.09310
6398170.00 | 0.09933 0.09809 0.09680 0.09543 0.09396
0.09239 0.09085 0.08947 0.08800
6398070.00 | 0.09623 0.09491 0.09352 0.09206 0.09052
0.08888 0.08712 0.08527 0.08356
6397970.00 | 0.09344 0.09205 0.09058 0.08905 0.08745
0.08575 0.08397 0.08211 0.08018
6397870.00 | 0.09100 0.08947 0.08794 0.08634 0.08469
0.08298 0.08120 0.07940 0.07755
6397770.00 | 0.08889 0.08712 0.08553 0.08391 0.08224
0.08054 0.07882 0.07708 0.07537

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  6397670.00 |       0.08699      0.08506      0.08335      0.08172      0.08008
0.07844      0.07679      0.07517      0.07361
  6397570.00 |       0.08525      0.08331      0.08143      0.07980      0.07821
0.07664      0.07511      0.07363      0.07225
  6397470.00 |       0.08367      0.08178      0.07988      0.07814      0.07662
0.07515      0.07375      0.07245      0.07127
  6397370.00 |       0.08225      0.08044      0.07862      0.07685      0.07531
0.07396      0.07271      0.07160      0.07065
  6397270.00 |       0.08099      0.07929      0.07758      0.07591      0.07435
0.07307      0.07200      0.07108      0.07034
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     581720.00    581820.00    581920.00    582020.00    582120.00
582220.00    582320.00    582420.00    582520.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |       0.07990      0.07831      0.07673      0.07520      0.07378
0.07253      0.07157      0.07086      0.07030
  6397070.00 |       0.07896      0.07750      0.07607      0.07471      0.07346
0.07237      0.07148      0.07086      0.07045
  6396970.00 |       0.07818      0.07687      0.07560      0.07441      0.07336
0.07245      0.07171      0.07113      0.07074
  6396870.00 |       0.07756      0.07639      0.07530      0.07430      0.07343
0.07270      0.07209      0.07161      0.07123
  6396770.00 |       0.07709      0.07607      0.07515      0.07434      0.07364
0.07305      0.07256      0.07217      0.07186
  6396670.00 |       0.07677      0.07591      0.07515      0.07449      0.07393
0.07346      0.07307      0.07275      0.07251
  6396570.00 |       0.07659      0.07587      0.07525      0.07472      0.07427
0.07389      0.07358      0.07334      0.07316
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
**
```

Y-COORD (METERS)	X-COORD (METERS)					
	582620.00	582720.00	582820.00	582920.00	583020.00	583120.00
583220.00	583320.00	583420.00				
6401170.00	0.07933	0.07939	0.07949	0.07966	0.07987	0.08008
0.08026	0.08044	0.08069				
6401070.00	0.07947	0.07949	0.07954	0.07964	0.07981	0.08001
0.08020	0.08036	0.08057				
6400970.00	0.07965	0.07965	0.07965	0.07967	0.07978	0.07995
0.08014	0.08031	0.08050				
6400870.00	0.07996	0.07995	0.07992	0.07977	0.07981	0.07993
0.08012	0.08031	0.08049				
6400770.00	0.08031	0.08029	0.08026	0.08022	0.08021	0.08014
0.08031	0.08051	0.08071				
6400670.00	0.08073	0.08071	0.08070	0.08067	0.08063	0.08049
0.08061	0.08084	0.08109				
6400570.00	0.08122	0.08123	0.08124	0.08124	0.08107	0.08105
0.08111	0.08133	0.08164				
6400470.00	0.08186	0.08187	0.08192	0.08197	0.08185	0.08186
0.08190	0.08208	0.08245				
6400370.00	0.08272	0.08270	0.08277	0.08289	0.08284	0.08294
0.08304	0.08324	0.08363				
6400270.00	0.08387	0.08381	0.08387	0.08403	0.08407	0.08433
0.08461	0.08491	0.08531				
6400170.00	0.08552	0.08532	0.08535	0.08549	0.08560	0.08605
0.08659	0.08713	0.08767				
6400070.00	0.08759	0.08743	0.08731	0.08746	0.08757	0.08816
0.08898	0.08989	0.09042				
6399970.00	0.09019	0.09009	0.08983	0.09007	0.09021	0.09084
0.09186	0.09320	0.09427				
6399870.00	0.09351	0.09326	0.09329	0.09343	0.09369	0.09445
0.09557	0.09722	0.09888				
6399770.00	0.09755	0.09762	0.09779	0.09808	0.09821	0.09922
0.10059	0.10243	0.10443				
6399670.00	0.10288	0.10338	0.10374	0.10390	0.10458	0.10552
0.10722	0.10934	0.11153				
6399570.00	0.10997	0.11046	0.11146	0.11227	0.11328	0.11455
0.11605	0.11853	0.12104				
6399470.00	0.11868	0.12012	0.12182	0.12328	0.12546	0.12671
0.12857	0.13152	0.13428				
6399370.00	0.12931	0.13141	0.13428	0.13754	0.14120	0.14441
0.14760	0.15089	0.15437				
6399270.00	0.13914	0.14302	0.14752	0.15271	0.15861	0.16518
0.17125	0.17766	0.18257				
6399170.00	0.14679	0.15189	0.15787	0.16487	0.17308	0.18254
0.19349	0.20459	0.21266				
6399070.00	0.14971	0.15525	0.16178	0.16949	0.17957	0.19047
0.20336	0.21495	0.22551				
6398970.00	0.14791	0.15304	0.15909	0.16616	0.17542	0.18529
0.19677	0.20479	0.21289				
6398870.00	0.14219	0.14627	0.15105	0.15726	0.16374	0.17114
0.17803	0.18236	0.18604				
6398770.00	0.13304	0.13571	0.13927	0.14279	0.14745	0.15191
0.15659	0.15783	0.15830				
6398670.00	0.12309	0.12479	0.12633	0.12855	0.13050	0.13394
0.13710	0.13661	0.13564				
6398570.00	0.11398	0.11426	0.11464	0.11589	0.11651	0.11665
0.11785	0.11790	0.11656				
6398470.00	0.10529	0.10505	0.10495	0.10431	0.10403	0.10381
0.10329	0.10282	0.10206				
6398370.00	0.09827	0.09706	0.09617	0.09531	0.09431	0.09340
0.09263	0.09207	0.09154				
6398270.00	0.09178	0.09046	0.08907	0.08796	0.08676	0.08577
0.08475	0.08432	0.08420				

```
  6398170.00 |       0.08637      0.08489      0.08352      0.08198      0.08075
0.07977      0.07894      0.07879      0.07909
  6398070.00 |       0.08199      0.08035      0.07879      0.07743      0.07628
0.07530      0.07473      0.07472      0.07555
  6397970.00 |       0.07825      0.07677      0.07518      0.07379      0.07281
0.07206      0.07179      0.07206      0.07291
  6397870.00 |       0.07572      0.07400      0.07247      0.07116      0.07029
0.06981      0.06981      0.07025      0.07117
  6397770.00 |       0.07369      0.07215      0.07083      0.06979      0.06907
0.06874      0.06880      0.06924      0.07006
  6397670.00 |       0.07213      0.07081      0.06974      0.06895      0.06850
0.06836      0.06853      0.06902      0.06981
  6397570.00 |       0.07101      0.06994      0.06912      0.06858      0.06831
0.06831      0.06855      0.06905      0.06972
  6397470.00 |       0.07028      0.06948      0.06890      0.06854      0.06840
0.06846      0.06877      0.06924      0.06975
  6397370.00 |       0.06989      0.06932      0.06894      0.06873      0.06868
0.06879      0.06910      0.06951      0.06987
  6397270.00 |       0.06978      0.06939      0.06916      0.06906      0.06908
0.06924      0.06951      0.06980      0.07004
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                    *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     582620.00    582720.00    582820.00    582920.00    583020.00
583120.00    583220.00    583320.00    583420.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |       0.06989      0.06964      0.06949      0.06946      0.06955
0.06974      0.06995      0.07010      0.07025
  6397070.00 |       0.07017      0.06999      0.06991      0.06994      0.07007
0.07024      0.07037      0.07042      0.07050
  6396970.00 |       0.07054      0.07042      0.07039      0.07046      0.07060
0.07072      0.07075      0.07075      0.07079
  6396870.00 |       0.07100      0.07091      0.07092      0.07102      0.07113
0.07116      0.07112      0.07108      0.07110
  6396770.00 |       0.07162      0.07150      0.07151      0.07160      0.07165
0.07159      0.07149      0.07143      0.07143
  6396670.00 |       0.07233      0.07224      0.07221      0.07221      0.07214
0.07201      0.07189      0.07181      0.07180
  6396570.00 |       0.07305      0.07301      0.07299      0.07289      0.07270
0.07248      0.07231      0.07222      0.07220
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV
```

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 2 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	583520.00	583620.00	583720.00	583820.00	583920.00	584020.00	584120.00	584220.00	584320.00	
6401170.00	0.08112	0.08182	0.08284	0.08426	0.08592	0.08760	0.08986	0.09282	0.09704	
6401070.00	0.08095	0.08161	0.08263	0.08406	0.08575	0.08747	0.08983	0.09295	0.09701	
6400970.00	0.08083	0.08145	0.08246	0.08390	0.08562	0.08739	0.08984	0.09312	0.09726	
6400870.00	0.08077	0.08134	0.08232	0.08378	0.08555	0.08738	0.08993	0.09338	0.09776	
6400770.00	0.08080	0.08131	0.08226	0.08374	0.08555	0.08744	0.09010	0.09373	0.09837	
6400670.00	0.08117	0.08164	0.08259	0.08414	0.08572	0.08766	0.09044	0.09429	0.09921	
6400570.00	0.08176	0.08224	0.08317	0.08478	0.08612	0.08814	0.09104	0.09513	0.10039	
6400470.00	0.08264	0.08317	0.08410	0.08543	0.08681	0.08893	0.09198	0.09629	0.10194	
6400370.00	0.08389	0.08451	0.08546	0.08645	0.08789	0.09013	0.09333	0.09790	0.10394	
6400270.00	0.08564	0.08640	0.08744	0.08798	0.08947	0.09186	0.09528	0.10013	0.10662	
6400170.00	0.08805	0.08903	0.08981	0.09024	0.09171	0.09426	0.09795	0.10323	0.11029	
6400070.00	0.09135	0.09258	0.09306	0.09339	0.09477	0.09744	0.10143	0.10726	0.11511	
6399970.00	0.09569	0.09724	0.09727	0.09754	0.09879	0.10161	0.10600	0.11251	0.12143	
6399870.00	0.10118	0.10265	0.10268	0.10303	0.10419	0.10712	0.11205	0.11952	0.13002	
6399770.00	0.10775	0.10948	0.10977	0.11015	0.11115	0.11405	0.11961	0.12851	0.14144	
6399670.00	0.11554	0.11758	0.11891	0.11928	0.11984	0.12225	0.12836	0.13927	0.15590	
6399570.00	0.12448	0.12687	0.12952	0.13067	0.13055	0.13182	0.13801	0.15154	0.17394	
6399470.00	0.13667	0.13844	0.14092	0.14351	0.14375	0.14299	0.14787	0.16475	0.19645	
6399370.00	0.15514	0.15538	0.15546	0.15658	0.15799	0.15570	0.15591	0.17667	0.22351	
6399270.00	0.18471	0.18442	0.18105	0.17526	0.16972	0.16398	0.15388	0.17838	0.24658	
6399170.00	0.21977	0.22395	0.22279	0.21309	0.19186	0.15891	0.11157	0.14830	0.23712	
6399070.00	0.23570	0.24357	0.24619	0.23885	0.21339	0.16087	0.08505	0.11073	0.19973	
6398970.00	0.22007	0.22441	0.22347	0.21416	0.19268	0.15747	0.12033	0.13623	0.19188	
6398870.00	0.18835	0.18791	0.18337	0.17436	0.16174	0.14996	0.14807	0.16886	0.20407	
6398770.00	0.15770	0.15561	0.15171	0.14697	0.14364	0.14515	0.15445	0.17488	0.20291	

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  6398670.00 |       0.13323      0.13051      0.13098      0.13043      0.13296
0.13930      0.15062      0.16896      0.19157
  6398570.00 |       0.11390      0.11098      0.11236      0.11787      0.12500
0.13220      0.14320      0.15914      0.17754
  6398470.00 |       0.10025      0.09928      0.09979      0.10520      0.11349
0.12358      0.13475      0.14850      0.16374
  6398370.00 |       0.09097      0.09145      0.09233      0.09658      0.10248
0.11065      0.12185      0.13718      0.15119
  6398270.00 |       0.08439      0.08560      0.08756      0.09017      0.09486
0.10106      0.11033      0.12214      0.13579
  6398170.00 |       0.08005      0.08144      0.08369      0.08587      0.08906
0.09435      0.10163      0.11157      0.12254
  6398070.00 |       0.07674      0.07845      0.08048      0.08231      0.08475
0.08917      0.09538      0.10339      0.11287
  6397970.00 |       0.07432      0.07589      0.07755      0.07927      0.08136
0.08480      0.09038      0.09730      0.10513
  6397870.00 |       0.07252      0.07382      0.07513      0.07659      0.07867
0.08166      0.08613      0.09258      0.09996
  6397770.00 |       0.07115      0.07227      0.07342      0.07484      0.07692
0.07980      0.08360      0.08928      0.09659
  6397670.00 |       0.07071      0.07157      0.07252      0.07382      0.07579
0.07847      0.08199      0.08742      0.09468
  6397570.00 |       0.07040      0.07107      0.07189      0.07310      0.07494
0.07744      0.08073      0.08581      0.09263
  6397470.00 |       0.07023      0.07075      0.07147      0.07262      0.07437
0.07671      0.07979      0.08456      0.09100
  6397370.00 |       0.07020      0.07062      0.07127      0.07237      0.07404
0.07623      0.07913      0.08364      0.08974
  6397270.00 |       0.07029      0.07065      0.07126      0.07233      0.07390
0.07597      0.07870      0.08282      0.08841
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                    *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     583520.00    583620.00    583720.00    583820.00    583920.00
584020.00    584120.00    584220.00    584320.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |       0.07045      0.07078      0.07138      0.07243      0.07391
0.07586      0.07844      0.08195      0.08733
  6397070.00 |       0.07066      0.07097      0.07158      0.07260      0.07402
0.07586      0.07829      0.08138      0.08587
  6396970.00 |       0.07092      0.07122      0.07184      0.07284      0.07419
0.07594      0.07825      0.08117      0.08468
  6396870.00 |       0.07121      0.07152      0.07215      0.07313      0.07442
0.07609      0.07829      0.08107      0.08429
  6396770.00 |       0.07154      0.07185      0.07249      0.07345      0.07469
0.07629      0.07839      0.08102      0.08409
  6396670.00 |       0.07190      0.07223      0.07288      0.07381      0.07500
0.07653      0.07852      0.08103      0.08395
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  6401170.00 | 0.10214   0.10803   0.11473   0.12226   0.12982
0.13606   0.14280   0.14933   0.15581
  6401070.00 | 0.10220   0.10820   0.11504   0.12245   0.12961
0.13595   0.14312   0.15001   0.15616
  6400970.00 | 0.10244   0.10861   0.11548   0.12326   0.12984
0.13680   0.14432   0.15130   0.15764
  6400870.00 | 0.10290   0.10915   0.11639   0.12375   0.13096
0.13843   0.14608   0.15322   0.15984
  6400770.00 | 0.10385   0.11014   0.11763   0.12506   0.13276
0.14080   0.14849   0.15571   0.16281
  6400670.00 | 0.10504   0.11173   0.11919   0.12717   0.13537
0.14375   0.15171   0.15926   0.16664
  6400570.00 | 0.10662   0.11380   0.12184   0.13044   0.13922
0.14781   0.15610   0.16421   0.17202
  6400470.00 | 0.10867   0.11645   0.12516   0.13444   0.14382
0.15293   0.16187   0.17052   0.17869
  6400370.00 | 0.11127   0.11981   0.12934   0.13941   0.14944
0.15917   0.16881   0.17796   0.18638
  6400270.00 | 0.11462   0.12409   0.13464   0.14559   0.15644
0.16688   0.17710   0.18688   0.19538
  6400170.00 | 0.11905   0.12956   0.14129   0.15339   0.16522
0.17646   0.18702   0.19677   0.20546
  6400070.00 | 0.12497   0.13682   0.14992   0.16331   0.17627
0.18821   0.19896   0.20840   0.21661
  6399970.00 | 0.13284   0.14656   0.16145   0.17631   0.19028
0.20250   0.21276   0.22142   0.22864
  6399870.00 | 0.14361   0.15977   0.17689   0.19334   0.20782
0.21955   0.22867   0.23594   0.24171
  6399770.00 | 0.15835   0.17788   0.19754   0.21504   0.22892
0.23897   0.24605   0.25112   0.25479
  6399670.00 | 0.17790   0.20216   0.22436   0.24153   0.25298
0.25973   0.26340   0.26541   0.26627
  6399570.00 | 0.20349   0.23350   0.25684   0.27125   0.27802
0.27977   0.27898   0.27737   0.27530
  6399470.00 | 0.23675   0.27113   0.29180   0.30007   0.30011
0.29577   0.28990   0.28456   0.27986
  6399370.00 | 0.27523   0.30837   0.32118   0.32081   0.31360
0.30367   0.29372   0.28530   0.27895
  6399270.00 | 0.30337   0.32888   0.33262   0.32517   0.31323
0.30036   0.28881   0.27918   0.27196

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  6399170.00 |       0.29474      0.31610      0.31742      0.30923      0.29762
0.28563      0.27511      0.26661      0.25997
  6399070.00 |       0.25450      0.27775      0.28307      0.27946      0.27182
0.26331      0.25561      0.24944      0.24454
  6398970.00 |       0.22771      0.24490      0.25050      0.24969      0.24537
0.24003      0.23520      0.23129      0.22832
  6398870.00 |       0.22477      0.23187      0.23247      0.22993      0.22582
0.22157      0.21818      0.21567      0.21394
  6398770.00 |       0.22283      0.22734      0.22456      0.21952      0.21417
0.20959      0.20634      0.20419      0.20292
  6398670.00 |       0.21231      0.22047      0.21847      0.21278      0.20684
0.20196      0.19856      0.19634      0.19509
  6398570.00 |       0.19650      0.20842      0.21024      0.20622      0.20082
0.19613      0.19276      0.19053      0.18927
  6398470.00 |       0.17991      0.19317      0.19908      0.19841      0.19476
0.19082      0.18769      0.18555      0.18438
  6398370.00 |       0.16483      0.17771      0.18624      0.18912      0.18801
0.18543      0.18286      0.18094      0.17994
  6398270.00 |       0.15206      0.16383      0.17339      0.17885      0.18037
0.17956      0.17793      0.17653      0.17580
  6398170.00 |       0.13453      0.14849      0.16159      0.16845      0.17205
0.17310      0.17276      0.17214      0.17186
  6398070.00 |       0.12272      0.13347      0.14520      0.15536      0.16355
0.16623      0.16731      0.16765      0.16797
  6397970.00 |       0.11378      0.12280      0.13429      0.14618      0.15542
0.15928      0.16162      0.16301      0.16402
  6397870.00 |       0.10791      0.11726      0.12820      0.14007      0.14802
0.15263      0.15640      0.15824      0.15996
  6397770.00 |       0.10443      0.11341      0.12360      0.13433      0.14175
0.14887      0.15292      0.15342      0.15580
  6397670.00 |       0.10242      0.11102      0.12033      0.13042      0.14074
0.14888      0.14955      0.14890      0.15163
  6397570.00 |       0.10042      0.10859      0.11828      0.12842      0.14366
0.14929      0.14739      0.14561      0.14705
  6397470.00 |       0.09836      0.10670      0.11596      0.12696      0.14019
0.14442      0.14687      0.14270      0.14324
  6397370.00 |       0.09672      0.10460      0.11286      0.12158      0.13624
0.14029      0.14407      0.14015      0.14009
  6397270.00 |       0.09495      0.10147      0.10817      0.11542      0.12394
0.13625      0.13855      0.13520      0.13524
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     584420.00    584520.00    584620.00    584720.00    584820.00
584920.00    585020.00    585120.00    585220.00
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  6397170.00 |       0.09288      0.09865      0.10471      0.11053      0.11697
0.12285      0.12705      0.12970      0.12778
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  6397070.00 |       0.09100      0.09612      0.10099      0.10571      0.11156
0.11587      0.11997      0.12130      0.12063
  6396970.00 |       0.08901      0.09340      0.09768      0.10234      0.10672
0.11070      0.11386      0.11536      0.11643
  6396870.00 |       0.08776      0.09134      0.09502      0.09911      0.10293
0.10643      0.10946      0.11179      0.11475
  6396770.00 |       0.08741      0.09083      0.09423      0.09755      0.10084
0.10412      0.10733      0.11038      0.11325
  6396670.00 |       0.08713      0.09041      0.09367      0.09685      0.09997
0.10309      0.10616      0.10912      0.11190
  6396570.00 |       0.08692      0.09006      0.09319      0.09624      0.09922
0.10218      0.10514      0.10804      0.11082
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     585320.00    585420.00    585520.00    585620.00    585720.00
585820.00    585920.00    586020.00    586120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

  6401170.00 |       0.16146      0.16683      0.17155      0.17607      0.18033
0.18427      0.18787      0.19116      0.19417
  6401070.00 |       0.16235      0.16795      0.17367      0.17876      0.18390
0.18869      0.19218      0.19528      0.19818
  6400970.00 |       0.16401      0.16985      0.17571      0.18092      0.18599
0.19027      0.19444      0.19792      0.20147
  6400870.00 |       0.16642      0.17250      0.17847      0.18373      0.18873
0.19292      0.19696      0.20046      0.20401
  6400770.00 |       0.16944      0.17591      0.18171      0.18717      0.19206
0.19668      0.20091      0.20494      0.20911
  6400670.00 |       0.17366      0.18039      0.18657      0.19217      0.19744
0.20207      0.20635      0.21039      0.21426
  6400570.00 |       0.17939      0.18635      0.19251      0.19805      0.20305
0.20794      0.21224      0.21625      0.22006
  6400470.00 |       0.18621      0.19299      0.19905      0.20474      0.20971
0.21428      0.21856      0.22280      0.22651
  6400370.00 |       0.19392      0.20058      0.20651      0.21186      0.21699
0.22140      0.22553      0.22931      0.23317
  6400270.00 |       0.20280      0.20928      0.21501      0.22016      0.22479
0.22863      0.23277      0.23628      0.23938
  6400170.00 |       0.21258      0.21870      0.22405      0.22877      0.23297
0.23670      0.24005      0.24302      0.24554
  6400070.00 |       0.22372      0.22925      0.23397      0.23805      0.24162
0.24470      0.24731      0.24955      0.25090
  6399970.00 |       0.23511      0.24037      0.24416      0.24693      0.24952
0.25167      0.25332      0.25473      0.25584
  6399870.00 |       0.24643      0.25033      0.25357      0.25546      0.25686
0.25794      0.25873      0.25941      0.25997
  6399770.00 |       0.25750      0.25963      0.26130      0.26265      0.26287
0.26253      0.26258      0.26265      0.26277
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  6399670.00 |       0.26654      0.26664      0.26667      0.26670      0.26683
0.26669      0.26569      0.26533      0.26517
  6399570.00 |       0.27319      0.27141      0.27006      0.26911      0.26850
0.26836      0.26808      0.26701      0.26569
  6399470.00 |       0.27582      0.27260      0.27028      0.26872      0.26772
0.26735      0.26755      0.26701      0.26516
  6399370.00 |       0.27373      0.26978      0.26701      0.26524      0.26468
0.26435      0.26521      0.26482      0.26307
  6399270.00 |       0.26672      0.26273      0.26006      0.25843      0.25809
0.25850      0.26129      0.26065      0.26285
  6399170.00 |       0.25543      0.25213      0.25007      0.24897      0.24952
0.25190      0.25596      0.25460      0.26079
  6399070.00 |       0.24122      0.23904      0.23790      0.23824      0.24025
0.24335      0.24745      0.24670      0.25401
  6398970.00 |       0.22621      0.22516      0.22547      0.22724      0.22994
0.23359      0.23994      0.24577      0.25183
  6398870.00 |       0.21282      0.21278      0.21369      0.21545      0.21869
0.22329      0.23068      0.24453      0.25398
  6398770.00 |       0.20232      0.20232      0.20330      0.20635      0.21024
0.21552      0.22310      0.23677      0.25763
  6398670.00 |       0.19462      0.19486      0.19597      0.19918      0.20359
0.20872      0.21429      0.22590      0.23794
  6398570.00 |       0.18888      0.18924      0.19037      0.19320      0.19723
0.20189      0.20683      0.21090      0.21566
  6398470.00 |       0.18413      0.18465      0.18601      0.18864      0.19223
0.19651      0.19872      0.20218      0.20503
  6398370.00 |       0.17983      0.18051      0.18172      0.18396      0.18737
0.18989      0.19232      0.19541      0.19830
  6398270.00 |       0.17586      0.17665      0.17797      0.17983      0.18220
0.18453      0.18709      0.18996      0.19288
  6398170.00 |       0.17217      0.17303      0.17437      0.17619      0.17834
0.18075      0.18332      0.18599      0.18863
  6398070.00 |       0.16860      0.16959      0.17098      0.17281      0.17494
0.17676      0.17993      0.18267      0.18551
  6397970.00 |       0.16504      0.16626      0.16777      0.16960      0.16851
0.17090      0.17605      0.17933      0.18220
  6397870.00 |       0.16144      0.16295      0.16463      0.16291      0.16283
0.16608      0.17089      0.17606      0.17887
  6397770.00 |       0.15780      0.15908      0.15795      0.15701      0.15773
0.16165      0.16619      0.17148      0.17561
  6397670.00 |       0.15356      0.15236      0.15203      0.15171      0.15305
0.15753      0.16186      0.16681      0.17157
  6397570.00 |       0.14660      0.14638      0.14671      0.14689      0.14931
0.15364      0.15781      0.16248      0.16694
  6397470.00 |       0.14052      0.14132      0.14184      0.14245      0.14574
0.14994      0.15396      0.15807      0.16266
  6397370.00 |       0.13811      0.13640      0.13734      0.13854      0.14232
0.14641      0.15030      0.15427      0.15898
  6397270.00 |       0.13156      0.13245      0.13319      0.13527      0.13903
0.14303      0.14736      0.15153      0.15614
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                   INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                    *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***
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                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     585320.00    585420.00    585520.00    585620.00    585720.00
585820.00    585920.00    586020.00    586120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |       0.12681      0.12635      0.12916      0.13233      0.13650
0.14049      0.14450      0.14859      0.15315
  6397070.00 |       0.12132      0.12419      0.12697      0.12990      0.13381
0.13775      0.14174      0.14585      0.14984
  6396970.00 |       0.11937      0.12219      0.12491      0.12759      0.13102
0.13492      0.13918      0.14309      0.14679
  6396870.00 |       0.11760      0.12034      0.12300      0.12561      0.12864
0.13256      0.13641      0.14029      0.14390
  6396770.00 |       0.11599      0.11864      0.12126      0.12390      0.12660
0.13028      0.13385      0.13740      0.14113
  6396670.00 |       0.11458      0.11721      0.11984      0.12251      0.12518
0.12803      0.13143      0.13486      0.13807
  6396570.00 |       0.11349      0.11611      0.11872      0.12130      0.12387
0.12643      0.12916      0.13244      0.13590
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                      ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                 ELEV

                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                     INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                      *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                                   X-COORD (METERS)
    (METERS) |     586220.00    586320.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

  6401170.00 |       0.19695      0.19955
  6401070.00 |       0.20102      0.20373
  6400970.00 |       0.20467      0.20821
  6400870.00 |       0.20769      0.21146
  6400770.00 |       0.21284      0.21647
  6400670.00 |       0.21832      0.22188
  6400570.00 |       0.22407      0.22755
  6400470.00 |       0.23003      0.23331
  6400370.00 |       0.23643      0.23938
  6400270.00 |       0.24213      0.24498
  6400170.00 |       0.24762      0.24935
  6400070.00 |       0.25233      0.25346
  6399970.00 |       0.25674      0.25695
  6399870.00 |       0.26046      0.25934
  6399770.00 |       0.26240      0.26104
  6399670.00 |       0.26358      0.26212
  6399570.00 |       0.26406      0.26261
  6399470.00 |       0.26357      0.26994
  6399370.00 |       0.26699      0.27818
  6399270.00 |       0.27292      0.28709
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  6399170.00 |       0.27718      0.30379
  6399070.00 |       0.27093      0.29477
  6398970.00 |       0.26315      0.28509
  6398870.00 |       0.26398      0.27275
  6398770.00 |       0.26361      0.26297
  6398670.00 |       0.24098      0.24211
  6398570.00 |       0.21791      0.21909
  6398470.00 |       0.20749      0.20889
  6398370.00 |       0.20138      0.20319
  6398270.00 |       0.19593      0.19842
  6398170.00 |       0.19146      0.19426
  6398070.00 |       0.18837      0.19113
  6397970.00 |       0.18512      0.18797
  6397870.00 |       0.18172      0.18459
  6397770.00 |       0.17835      0.18116
  6397670.00 |       0.17511      0.17780
  6397570.00 |       0.17159      0.17459
  6397470.00 |       0.16703      0.17161
  6397370.00 |       0.16356      0.16888
  6397270.00 |       0.16069      0.16517
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
**

    Y-COORD  |                                                 X-COORD (METERS)
    (METERS) |     586220.00    586320.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

  6397170.00 |       0.15735      0.16134
  6397070.00 |       0.15394      0.15776
  6396970.00 |       0.15046      0.15380
  6396870.00 |       0.14745      0.15041
  6396770.00 |       0.14412      0.14795
  6396670.00 |       0.14182      0.14576
  6396570.00 |       0.13973      0.14333
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   2
YEARS FOR SOURCE GROUP: ALL      ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	581720.00	581820.00	581920.00	582020.00	582120.00
6401170.0	16.90124 (04092110)	16.39278 (04092110)	15.56670 (04092110)	14.42442 (04092110)	14.58476 (05082611)
6401070.0	16.85159 (04092110)	16.63872 (04092110)	16.10445 (04092110)	15.22955 (04092110)	14.01836 (04092110)
6400970.0	16.38471 (04092110)	16.47430 (04092110)	16.25968 (04092110)	15.70181 (04092110)	14.78087 (04092110)
6400870.0	15.48215 (04092110)	15.85582 (04092110)	15.96345 (04092110)	15.74990 (04092110)	15.17246 (04092110)
6400770.0	14.16337 (04092110)	14.77603 (04092110)	15.17853 (04092110)	15.30588 (04092110)	15.16720 (04092110)
6400670.0	13.68203 (04031611)	13.79723 (04031611)	13.94511 (04092110)	14.40942 (04092110)	14.62967 (04092110)
6400570.0	13.28067 (04031611)	13.49997 (04031611)	13.64358 (04031611)	13.71289 (04031611)	13.66541 (04031611)
6400470.0	12.69175 (04031611)	13.00129 (04031611)	13.25317 (04031611)	13.42776 (04031611)	13.47935 (04031611)
6400370.0	11.93557 (04031611)	12.31660 (04031611)	12.63927 (04031611)	12.90341 (04031611)	13.06440 (04031611)
6400270.0	12.24846 (04010111)	11.57979 (04010111)	11.78435 (04031611)	12.11345 (04031611)	12.38326 (04031611)
6400170.0	13.29962 (04010111)	12.75907 (04010111)	12.10433 (04010111)	11.30713 (04010111)	11.43941 (04031611)
6400070.0	14.17738 (04010111)	13.76369 (04010111)	13.20957 (04010111)	12.55478 (04010111)	11.74014 (04010111)

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 6399970.0 |     14.78656 (04010111)     14.48101 (04010111)     14.09362 (04010111)
13.55509 (04010111)     12.90659 (04010111)
 6399870.0 |     15.03466 (04010111)     14.88468 (04010111)     14.61045 (04010111)
14.25203 (04010111)     13.76345 (04010111)
 6399770.0 |     14.92858 (04010111)     14.85997 (04010111)     14.73971 (04010111)
14.52367 (04010111)     14.16083 (04010111)
 6399670.0 |     14.39566 (04010111)     14.43231 (04010111)     14.40707 (04010111)
14.27367 (04010111)     14.07487 (04010111)
 6399570.0 |     13.47881 (04010111)     13.55327 (04010111)     13.58033 (04010111)
13.54738 (04010111)     13.40789 (04010111)
 6399470.0 |     12.20644 (04010111)     12.27787 (04010111)     12.31207 (04010111)
12.29922 (04010111)     12.22734 (04010111)
 6399370.0 |     11.73258 (04073011)     11.35283 (04073011)     10.89937 (04073011)
10.71924 (04010111)     10.63803 (04010111)
 6399270.0 |     12.16499 (04073011)     11.83379 (04073011)     11.43163 (04073011)
10.95135 (04073011)     10.36182 (04073011)
 6399170.0 |     17.13626 (05042508)     14.78470 (05042508)     12.58801 (05042508)
11.04044 (04073011)     10.50553 (04073011)
 6399070.0 |     21.48427 (05042508)     18.79563 (05042508)     16.23988 (05042508)
13.88351 (05042508)     11.87357 (05042508)
 6398970.0 |     23.24342 (05042508)     20.33269 (05042508)     17.55708 (05042508)
15.01231 (05042508)     12.79296 (05042508)
 6398870.0 |     21.63830 (05042508)     18.69426 (05042508)     15.88808 (05042508)
13.32949 (05042508)     11.11619 (05042508)
 6398770.0 |     17.55149 (05042508)     14.70432 (05042508)     12.12135 (05042508)
9.81999 (05042508)      8.41119 (05042311)
 6398670.0 |     12.37224 (05042508)      9.92125 (05042508)      8.85026 (04042712)
8.60448 (04042712)      8.32611 (04042712)
 6398570.0 |      9.57107 (04042711)      9.68512 (04042711)      9.74993 (04042711)
9.85080 (04042711)      9.85590 (04042711)
 6398470.0 |     12.03792 (04042711)     12.10814 (04042711)     12.09174 (04042711)
12.02894 (04042711)     11.87317 (04042711)
 6398370.0 |     14.13609 (04042711)     14.07063 (04042711)     13.87294 (04042711)
13.52156 (04042711)     13.06144 (04042711)
 6398270.0 |     15.57956 (04042711)     15.28610 (04042711)     14.81735 (04042711)
14.15547 (04042711)     13.28937 (04042711)
 6398170.0 |     16.19449 (04042711)     15.60871 (04042711)     14.82037 (04042711)
13.82293 (04042711)     12.62158 (04042711)
 6398070.0 |     15.95054 (04042711)     15.05633 (04042711)     13.95835 (04042711)
12.81639 (05030810)     12.06196 (05030810)
 6397970.0 |     14.95076 (04042711)     14.03181 (05030810)     13.41211 (05030810)
12.57867 (05030810)     11.53130 (05030810)
 6397870.0 |     14.41762 (05030810)     13.73140 (05030810)     12.83978 (05030810)
11.74642 (05030810)     10.47085 (05030810)
 6397770.0 |     13.82579 (05030810)     12.89598 (05030810)     11.78027 (05030810)
10.59471 (04050911)     10.28822 (04050911)
 6397670.0 |     12.79604 (05030810)     11.67746 (05030810)     11.49531 (04050911)
11.08288 (04050911)     10.34869 (04050911)
 6397570.0 |     12.42491 (04050911)     12.21806 (04050911)     11.71199 (04050911)
11.09211 (04071511)     10.61687 (04071511)
 6397470.0 |     12.76989 (04050911)     12.18479 (04050911)     11.74434 (04071511)
11.21991 (04071511)     10.38257 (04071511)
 6397370.0 |     12.53321 (04071511)     12.26075 (04071511)     11.69831 (04071511)
10.83807 (04071511)      9.70107 (04071511)
 6397270.0 |     12.65309 (04071511)     12.06291 (04071511)     11.19210 (04071511)
10.06111 (04071511)      8.71987 (04071511)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
```

INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	581720.00	581820.00	581920.00	582020.00	582120.00
6397170.0	12.32672 (04071511)	11.45545 (04071511)	10.34117 (04071511)	9.02882 (04071511)	8.44106 (05030811)
6397070.0	11.63967 (04071511)	10.55013 (04071511)	9.27490 (04071511)	8.48490 (05030811)	8.60154 (05030811)
6396970.0	10.69715 (04071511)	9.46469 (04071511)	8.50096 (05030811)	9.20186 (05040208)	11.10520 (05040208)
6396870.0	9.60499 (04071511)	8.49365 (05030811)	10.12960 (05040208)	12.14712 (05040208)	13.77271 (05040208)
6396770.0	8.92372 (05040208)	11.11359 (05040208)	13.23885 (05040208)	14.98980 (05040208)	16.01843 (05040208)
6396670.0	12.17079 (05040208)	14.39704 (05040208)	16.25965 (05040208)	17.42645 (05040208)	17.60511 (05040208)
6396570.0	15.64099 (05040208)	17.60389 (05040208)	18.89921 (05040208)	19.22602 (05040208)	18.41206 (05040208)

**MODELOPTs:
PAGE****
CONC ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	582220.00	582320.00	582420.00	582520.00	582620.00
6401170.0	15.08050 (05082611)	15.45147 (05082611)	15.56819 (05082611)	15.37886 (05082611)	15.51312 (05042512)
6401070.0	14.40943 (05082611)	14.96370 (05082611)	15.28945 (05082611)	15.32297 (05082611)	15.11313 (05042512)
6400970.0	14.04595 (04092111)	14.24121 (05082611)	14.74238 (05082611)	15.00637 (05082611)	14.93554 (05082611)
6400870.0	14.27679 (04092110)	14.12703 (04092111)	13.97436 (04092111)	14.45404 (05082611)	14.60839 (05082611)
6400770.0	14.64460 (04092110)	14.20653 (04092111)	14.13660 (04092111)	13.92767 (04092111)	13.95569 (05082611)
6400670.0	14.50348 (04092110)	14.15506 (04092111)	14.17199 (04092111)	14.05342 (04092111)	13.75475 (04092111)

 6400570.0 | 13.78060 (04092111)   13.96974 (04092111)   14.05500 (04092111)
14.03104 (04092111)   13.82998 (04092111)
 6400470.0 | 13.42598 (04031611)   13.61250 (04092111)   13.76124 (04092111)
13.83118 (04092111)   13.73211 (04092111)
 6400370.0 | 13.13957 (04031611)   13.07660 (04031611)   13.29015 (04092111)
13.42698 (04092111)   13.42799 (04092111)
 6400270.0 | 12.56864 (04031611)   12.61491 (04031611)   12.60833 (04092111)
12.81912 (04092111)   12.88954 (04092111)
 6400170.0 | 11.70635 (04031611)   11.86182 (04031611)   11.91939 (04031611)
11.97734 (04092111)   12.12128 (04092111)
 6400070.0 | 10.81261 (04010111)   10.80018 (04031611)   10.96038 (04031611)
10.96926 (04031611)   11.10097 (04092111)
 6399970.0 | 12.10884 (04010111)   11.12721 (04010111)   10.01914 (04010111)
9.79343 (04031611)   9.85363 (04092111)
 6399870.0 | 13.09604 (04010111)   12.29611 (04010111)   11.32288 (04010111)
10.14600 (04010111)   8.81356 (04010111)
 6399770.0 | 13.69391 (04010111)   13.07111 (04010111)   12.23949 (04010111)
11.25446 (04010111)   10.04784 (04010111)
 6399670.0 | 13.76091 (04010111)   13.27418 (04010111)   12.66096 (04010111)
11.83039 (04010111)   10.84152 (04010111)
 6399570.0 | 13.20495 (04010111)   12.88811 (04010111)   12.39870 (04010111)
11.78489 (04010111)   10.99258 (04010111)
 6399470.0 | 12.08178 (04010111)   11.84545 (04010111)   11.49919 (04010111)
11.02281 (04010111)   10.36040 (04010111)
 6399370.0 | 10.49777 (04010111)   10.28562 (04010111)   9.98727 (04010111)
9.58767 (04010111)   9.07236 (04010111)
 6399270.0 | 9.70795 (04073011)   8.96397 (04073011)   8.13335 (04073011)
7.70622 (04010111)   8.08009 (05012414)
 6399170.0 | 9.88376 (04073011)   9.17287 (04073011)   8.37488 (04073011)
7.61835 (05012414)   8.09595 (05012414)
 6399070.0 | 10.28428 (05042508)   9.11414 (05042508)   8.26528 (05042508)
7.96470 (05101814)   8.45557 (05101814)
 6398970.0 | 11.01474 (05042508)   9.68574 (05042508)   8.70145 (05042508)
7.93983 (05042508)   8.06399 (05101814)
 6398870.0 | 9.36241 (05042508)   8.04372 (05042508)   7.82919 (05060715)
7.75080 (05060715)   7.60635 (05060715)
 6398770.0 | 8.00296 (04042712)   7.77869 (05060715)   7.72184 (05060715)
7.60943 (05060715)   7.45197 (05060715)
 6398670.0 | 7.97972 (04042712)   7.58648 (04042712)   7.47805 (05060715)
7.34481 (05060715)   7.14090 (05060715)
 6398570.0 | 9.80095 (04042711)   9.61186 (04042711)   9.33131 (04042711)
8.88085 (04042711)   8.31719 (04042711)
 6398470.0 | 11.57425 (04042711)   11.14665 (04042711)   10.50898 (04042711)
9.68863 (04042711)   8.69331 (04042711)
 6398370.0 | 12.44273 (04042711)   11.62226 (04042711)   10.63352 (04042711)
9.42761 (04042711)   8.10468 (04042711)
 6398270.0 | 12.27894 (04042711)   11.09681 (04042711)   9.73778 (04042711)
8.65557 (05030810)   7.56641 (05030810)
 6398170.0 | 11.24529 (05030810)   10.39650 (05030810)   9.38022 (05030810)
8.17007 (05030810)   6.79902 (05030810)
 6398070.0 | 11.08748 (05030810)   9.90595 (05030810)   8.55261 (05030810)
7.12096 (05030810)   6.29979 (04050911)
 6397970.0 | 10.28680 (05030810)   8.88283 (05030810)   7.84508 (04050911)
7.15839 (04050911)   6.45573 (04071511)
 6397870.0 | 9.32852 (04050911)   8.82165 (04050911)   8.02897 (04071511)
7.44149 (04071511)   6.53912 (04071511)
 6397770.0 | 9.65916 (04050911)   9.01673 (04071511)   8.34147 (04071511)
7.34859 (04071511)   7.00935 (05030811)
 6397670.0 | 9.88250 (04071511)   9.13629 (04071511)   8.07641 (04071511)
7.41680 (05030811)   7.46271 (05030811)
 6397570.0 | 9.81695 (04071511)   8.71242 (04071511)   7.74088 (05030811)
7.81535 (05030811)   7.82970 (05030811)
 6397470.0 | 9.25333 (04071511)   7.97232 (05030811)   8.07968 (05030811)
8.12962 (05030811)   8.11338 (05030811)
 6397370.0 | 8.34228 (04071511)   8.24887 (05030811)   8.33534 (05030811)
8.36112 (05030811)   8.31570 (05030811)

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 6397270.0 |      8.36448 (05030811)      8.46172 (05030811)      8.51284 (05030811)
9.25140 (05040208)      9.48857 (05040208)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                   INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                    *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
**

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       582220.00              582320.00              582420.00
582520.00              582620.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 6397170.0 |      8.54913 (05030811)      9.13019 (05040208)     10.33467 (05040208)
10.73128 (05040208)     10.09693 (05040208)
 6397070.0 |     10.10170 (05040208)     11.45211 (05040208)     12.01095 (05040208)
11.52846 (05040208)     10.00466 (05040208)
 6396970.0 |     12.59892 (05040208)     13.32054 (05040208)     13.00119 (05040208)
11.59106 (05040208)      9.32770 (05040208)
 6396870.0 |     14.65360 (05040208)     14.50514 (05040208)     13.23170 (05040208)
11.00822 (05040208)      9.62091 (04042611)
 6396770.0 |     16.03472 (05040208)     14.91256 (05040208)     12.76630 (05040208)
10.26253 (04042611)      9.76984 (04042611)
 6396670.0 |     16.63750 (05040208)     14.58828 (05040208)     11.76321 (05040208)
10.48178 (04042611)      9.92494 (05050511)
 6396570.0 |     16.47945 (05040208)     13.67258 (05040208)     11.08535 (04042611)
10.45525 (04042611)     11.12842 (05050511)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                   INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                    *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
**

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |       582720.00              582820.00              582920.00
583020.00              583120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

 6401170.0 | 16.38687 (05042512)   17.22292 (05042512)   19.12635 (05042511)
20.81318 (05042511)   22.07552 (05042511)
 6401070.0 | 16.06190 (05042512)   16.97976 (05042512)   17.83219 (05042512)
19.41170 (05042511)   20.92590 (05042511)
 6400970.0 | 15.63072 (05042512)   16.61777 (05042512)   17.55388 (05042512)
18.40803 (05042512)   19.44738 (05042511)
 6400870.0 | 15.08304 (05042512)   16.14112 (05042512)   17.14568 (05042512)
18.10193 (05042512)   18.95270 (05042512)
 6400770.0 | 14.40163 (05042512)   15.52788 (05042512)   16.64076 (05042512)
17.70503 (05042512)   18.65439 (05042512)
 6400670.0 | 13.58642 (05042512)   14.76997 (05042512)   15.96307 (05042512)
17.13003 (05042512)   18.20079 (05042512)
 6400570.0 | 13.46587 (04092111)   13.85602 (05042512)   15.11364 (05042512)
16.34874 (05042512)   17.55685 (05042512)
 6400470.0 | 13.47456 (04092111)   13.12976 (05042513)   14.11925 (05042513)
15.37947 (05042512)   16.68767 (05042512)
 6400370.0 | 13.28102 (04092111)   12.92852 (04092111)   13.47792 (05042513)
14.53158 (05042513)   15.58798 (05042513)
 6400270.0 | 12.84907 (04092111)   12.61572 (04092111)   12.67898 (05042513)
13.79979 (05042513)   14.95156 (05042513)
 6400170.0 | 12.15167 (04092111)   12.03083 (04092111)   11.71458 (05042513)
12.87954 (05042513)   14.10828 (05042513)
 6400070.0 | 11.20160 (04092111)   11.15239 (04092111)   10.93270 (04092111)
11.76254 (05042513)   13.03672 (05042513)
 6399970.0 | 9.99166 (04092111)   9.98662 (04092111)   9.86230 (04092111)
10.45708 (05042513)   11.72935 (05042513)
 6399870.0 | 8.63936 (05111615)   9.16936 (05111614)   9.62619 (05111614)
9.79549 (05111613)   10.20492 (05042513)
 6399770.0 | 8.67259 (04010111)   9.06555 (05111615)   9.84004 (05111615)
10.47520 (05111614)   10.92933 (05111613)
 6399670.0 | 9.65771 (04010111)   8.28767 (04032213)   9.20761 (05111615)
10.28222 (05111615)   11.25695 (05111614)
 6399570.0 | 9.97211 (04010111)   8.93855 (04032214)   9.35766 (04032213)
9.49244 (04032213)   10.46418 (05111615)
 6399470.0 | 9.56991 (04010111)   8.61111 (04010111)   9.33469 (04032214)
10.06072 (04032214)   10.46479 (04032213)
 6399370.0 | 8.98654 (05040414)   9.50991 (05040414)   9.95283 (05040414)
10.24707 (05040414)   10.21609 (05040414)
 6399270.0 | 8.47338 (05012414)   8.85960 (05012414)   9.22269 (05012414)
9.94460 (05040414)   10.78393 (05040414)
 6399170.0 | 8.61167 (05012414)   9.16591 (05012414)   9.75848 (05012414)
10.38580 (05012414)   11.03917 (05012414)
 6399070.0 | 8.98854 (05101814)   9.56561 (05101814)   10.18956 (05101814)
10.91576 (05101814)   11.64027 (05101814)
 6398970.0 | 8.50227 (05101814)   8.95820 (05101814)   9.42562 (05101814)
9.94335 (05101814)   10.39787 (05101814)
 6398870.0 | 7.89397 (05012615)   8.30116 (05012615)   8.73535 (05012615)
9.10172 (05012615)   9.39942 (05012615)
 6398770.0 | 7.39365 (05060715)   7.38253 (05021315)   7.56876 (05021315)
8.13291 (04110812)   8.83838 (04110812)
 6398670.0 | 7.02515 (05060715)   6.92560 (05011815)   7.42037 (04110812)
7.92772 (04110812)   8.45022 (04110812)
 6398570.0 | 7.57004 (04042711)   6.68583 (04042711)   6.98851 (04110812)
7.42791 (05101911)   7.78616 (05101912)
 6398470.0 | 7.58036 (04042711)   6.54410 (05101911)   6.82870 (05101912)
7.42816 (05101912)   8.07626 (05101913)
 6398370.0 | 6.72524 (05030810)   6.55634 (05101912)   6.88736 (05101913)
7.70675 (05101913)   8.19699 (05101913)
 6398270.0 | 6.32765 (05030810)   6.66104 (05101913)   7.24436 (05101913)
7.48443 (05101913)   7.25205 (05101913)
 6398170.0 | 6.34770 (05101913)   6.72801 (05101913)   6.77526 (05101913)
6.45494 (05101913)   5.69782 (05101913)
 6398070.0 | 6.18807 (05101913)   6.14372 (05101913)   5.78262 (05101913)
5.23753 (05030811)   5.50054 (04111015)
 6397970.0 | 5.93763 (05030811)   5.95678 (05030811)   5.90623 (05030811)
5.77910 (05030811)   5.53908 (05030811)

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 6397870.0 |      6.51341 (05030811)      6.49398 (05030811)      6.39591 (05030811)
6.21355 (05030811)      5.92290 (05030811)
 6397770.0 |      7.02554 (05030811)      6.97102 (05030811)      6.83141 (05030811)
6.59274 (05030811)      6.24346 (05030811)
 6397670.0 |      7.44526 (05030811)      7.35156 (05030811)      7.16860 (05030811)
6.88447 (05030811)      6.49029 (05030811)
 6397570.0 |      7.77526 (05030811)      7.64094 (05030811)      7.41531 (05030811)
7.08880 (05030811)      6.65536 (05030811)
 6397470.0 |      8.02175 (05030811)      7.84732 (05030811)      7.58162 (05030811)
7.21730 (05030811)      6.75094 (05030811)
 6397370.0 |      8.28272 (05040208)      7.98032 (05030811)      7.67828 (05030811)
7.28151 (05030811)      7.12875 (05050511)
 6397270.0 |      8.71417 (05040208)      8.04788 (05030811)      7.71578 (05030811)
7.35178 (05050511)      8.56886 (05050511)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
**

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       582720.00              582820.00              582920.00
583020.00              583120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 6397170.0 |      8.48802 (05040208)      8.05530 (05030811)      7.70158 (05030811)
8.81670 (05050511)      9.91562 (05050511)
 6397070.0 |      8.53674 (04042611)      8.03988 (04042611)      8.91631 (05050511)
10.20098 (05050511)     11.11135 (05050511)
 6396970.0 |      8.87784 (04042611)      8.90141 (05050511)     10.30543 (05050511)
11.44713 (05050511)     12.11952 (05050511)
 6396870.0 |      8.95255 (04042611)     10.27052 (05050511)     11.57159 (05050511)
12.51683 (05050511)     12.92357 (05050511)
 6396770.0 |     10.13339 (05050511)     11.53235 (05050511)     12.67632 (05050511)
13.39033 (05050511)     13.52341 (05050511)
 6396670.0 |     11.37253 (05050511)     12.64950 (05050511)     13.59777 (05050511)
14.06359 (05050511)     13.93082 (05050511)
 6396570.0 |     12.48404 (05050511)     13.59918 (05050511)     14.32871 (05050511)
14.54457 (05050511)     14.16512 (05050511)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,
```

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER   IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	583220.00	583320.00	583420.00	583520.00	583620.00
6401170.0	22.74738 (05042511)	22.69073 (05042511)	21.82568 (05042511)	20.15775 (05042511)	19.08972 (05042512)
6401070.0	21.88281 (05042511)	22.11075 (05042511)	21.49337 (05042511)	20.00553 (05042511)	19.44680 (05042512)
6400970.0	20.68703 (05042511)	21.22114 (05042511)	20.89211 (05042511)	20.17389 (05042512)	19.77879 (05042512)
6400870.0	19.65446 (05042512)	20.16114 (05042512)	20.42651 (05042512)	20.40792 (05042512)	20.07084 (05042512)
6400770.0	19.48592 (05042512)	20.12332 (05042512)	20.51032 (05042512)	20.56363 (05042512)	20.29690 (05042512)
6400670.0	19.16756 (05042512)	19.94537 (05042512)	20.46747 (05042512)	20.63641 (05042512)	20.45701 (05042512)
6400570.0	18.65850 (05042512)	19.58382 (05042512)	20.25520 (05042512)	20.55893 (05042512)	20.48768 (05042512)
6400470.0	17.91808 (05042512)	18.99429 (05042512)	19.82714 (05042512)	20.28457 (05042512)	20.34387 (05042512)
6400370.0	16.90945 (05042512)	18.13066 (05042512)	19.13003 (05042512)	19.75611 (05042512)	19.96754 (05042512)
6400270.0	16.08201 (05042513)	17.13784 (05042513)	18.10552 (05042512)	18.90685 (05042512)	19.28905 (05042512)
6400170.0	15.35111 (05042513)	16.55353 (05042513)	17.64217 (05042513)	18.50090 (05042513)	19.06926 (05042513)
6400070.0	14.36666 (05042513)	15.70030 (05042513)	16.93835 (05042513)	18.02085 (05042513)	18.80028 (05042513)
6399970.0	13.10218 (05042513)	14.53103 (05042513)	15.91933 (05042513)	17.28506 (05042513)	18.48385 (05042513)
6399870.0	11.56288 (05042513)	13.08551 (05042513)	14.72001 (05042513)	16.44248 (05042513)	18.03764 (05042513)
6399770.0	11.08837 (05111613)	11.47142 (05042513)	13.27993 (05042513)	15.22485 (05042513)	17.02919 (05042513)
6399670.0	12.14388 (05111614)	12.61876 (05111613)	12.06530 (05111613)	13.31873 (05042513)	15.24263 (05042513)
6399570.0	11.91983 (05111615)	13.35831 (05111614)	14.11658 (05111614)	13.84863 (05111613)	13.12853 (04112314)
6399470.0	10.78236 (04032213)	11.91584 (05111615)	13.94898 (05111614)	15.35437 (05111614)	15.11167 (05111613)
6399370.0	10.78403 (04032214)	11.55679 (04032214)	11.98069 (04032213)	12.96251 (05111614)	15.02471 (05111614)
6399270.0	11.45674 (05040414)	11.90059 (05040414)	11.74683 (05040414)	11.03410 (04032214)	11.00454 (04032214)
6399170.0	11.70076 (05012414)	12.22806 (05012414)	12.34815 (05012414)	12.53738 (04102914)	12.33719 (04102914)
6399070.0	12.39906 (05101814)	12.95655 (05101814)	13.24529 (05101814)	13.33216 (05010914)	13.43639 (05010914)
6398970.0	10.88246 (05012615)	11.24847 (05012615)	11.40843 (05012615)	11.20979 (05012615)	11.68378 (05011815)
6398870.0	9.51060 (05012615)	10.19695 (04110812)	10.98393 (04110812)	11.59614 (04110812)	11.77072 (04110812)
6398770.0	9.55478 (04110812)	10.09461 (04110812)	10.43295 (04110812)	10.37966 (04110812)	10.24939 (04120314)
6398670.0	8.87083 (04110812)	8.97812 (04110812)	9.40157 (05101913)	10.36619 (05101913)	9.80211 (05101913)
6398570.0	8.55524 (05101912)	9.55240 (05101913)	10.07418 (05101913)	9.15451 (05101913)	8.91753 (04111015)

 6398470.0 | 8.92879 (05101913)   9.14414 (05101913)   8.31843 (05101913)
8.09304 (04111015)   8.36356 (04111015)
 6398370.0 | 8.12662 (05101913)   7.30623 (05101913)   7.21685 (04111015)
7.54515 (04111015)   8.46293 (04120414)
 6398270.0 | 6.41840 (05101913)   6.52064 (04111015)   6.75328 (04111015)
7.31300 (04120414)   8.77937 (04120414)
 6398170.0 | 5.97562 (04111015)   6.20259 (04111015)   6.37073 (04120413)
7.69505 (04120414)   8.64527 (04120714)
 6398070.0 | 5.69797 (04111015)   5.76368 (04120413)   6.70382 (04120414)
7.65089 (04120414)   8.64970 (04120714)
 6397970.0 | 5.32298 (04111015)   5.91468 (04120414)   6.80236 (04120414)
7.73498 (04120714)   8.37717 (04120714)
 6397870.0 | 5.51372 (05030811)   6.09315 (04120414)   6.92192 (04120715)
7.67363 (04120714)   7.92138 (04120714)
 6397770.0 | 5.77714 (05030811)   6.24705 (04120715)   6.90451 (04120714)
7.41646 (04120714)   7.37710 (04120714)
 6397670.0 | 5.98286 (05030811)   6.36497 (04120715)   6.88601 (04120714)
7.12874 (04120714)   6.86289 (04120714)
 6397570.0 | 6.11470 (05030811)   6.32456 (04120715)   6.72807 (04120714)
6.75145 (04120714)   6.32564 (04120714)
 6397470.0 | 6.76409 (05050511)   7.49568 (05050511)   7.61231 (05050511)
6.99003 (05050511)   5.79414 (04120714)
 6397370.0 | 8.13826 (05050511)   8.64430 (05050511)   8.44357 (05050511)
7.49761 (05050511)   6.07042 (04042011)
 6397270.0 | 9.40791 (05050511)   9.63159 (05050511)   9.10255 (05050511)
7.86330 (05050511)   7.16713 (04042011)
1 *** AERMOD - VERSION 07026 ***   *** NO2
***   02/14/08
                                    ***
***   20:04:44
 **MODELOPTs:
PAGE****
 CONC   ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                    INCLUDING SOURCE(S):   Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ; NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER   IN MICROGRAMS/M**3
**

  Y-COORD | X-COORD (METERS)
  (METERS) | 583220.00   583320.00   583420.00
583520.00   583620.00
 -
- -

 6397170.0 | 10.51787 (05050511)   10.43099 (05050511)   9.58785 (05050511)
8.09930 (05050511)   8.23860 (04042011)
 6397070.0 | 11.43562 (05050511)   11.03576 (05050511)   9.91058 (05050511)
8.26568 (04042011)   9.25697 (04042011)
 6396970.0 | 12.14905 (05050511)   11.45401 (05050511)   10.08935 (05050511)
9.29237 (04042011)   10.20165 (04042011)
 6396870.0 | 12.66219 (05050511)   11.70341 (05050511)   10.14613 (05050511)
10.24839 (04042011)   11.05913 (04042011)
 6396770.0 | 12.99031 (05050511)   11.80685 (05050511)   10.10343 (05050511)
11.11979 (04042011)   11.82209 (04042011)
 6396670.0 | 13.15528 (05050511)   11.78901 (05050511)   10.87601 (04042011)
11.89870 (04042011)   12.48828 (04042011)
 6396570.0 | 13.18184 (05050511)   11.67390 (05050511)   11.66213 (04042011)
12.58227 (04042011)   13.05933 (04042011)
1 *** AERMOD - VERSION 07026 ***   *** NO2
***   02/14/08

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	583720.00	583820.00	583920.00	584020.00	584120.00
6401170.0	18.36917 (05042512)	17.41158 (05042512)	16.65105 (04030710)	18.43520 (04030710)	19.75382 (04030710)
6401070.0	18.73348 (05042512)	17.75368 (05042512)	16.50616 (05042512)	18.17959 (04030710)	19.59249 (04030710)
6400970.0	19.08032 (05042512)	18.08082 (05042512)	16.77768 (05042512)	17.81639 (04030710)	19.32788 (04030710)
6400870.0	19.39457 (05042512)	18.37752 (05042512)	17.01577 (05042512)	17.32132 (04030710)	18.93364 (04030710)
6400770.0	19.65210 (05042512)	18.62258 (05042512)	17.20219 (05042512)	16.66619 (04030710)	18.37811 (04030710)
6400670.0	19.85811 (05042512)	18.82507 (05042512)	17.31707 (05042512)	15.82242 (04030710)	17.68491 (04011409)
6400570.0	19.95331 (05042512)	18.92995 (05042512)	17.33449 (05042512)	15.35003 (05042512)	17.45957 (04011409)
6400470.0	19.89574 (05042512)	18.86085 (05042512)	17.21884 (05042512)	15.46488 (05042513)	17.05830 (04011409)
6400370.0	19.62974 (05042512)	18.59849 (05042512)	17.19265 (05042513)	15.72470 (05042513)	16.43221 (04011409)
6400270.0	19.09239 (05042513)	18.53833 (05042513)	17.47927 (05042513)	15.93121 (05042513)	15.52051 (04011409)
6400170.0	19.18653 (05042513)	18.72336 (05042513)	17.71381 (05042513)	16.18564 (05042513)	14.26122 (04011409)
6400070.0	19.15879 (05042513)	18.98066 (05042513)	18.17371 (05042513)	16.67107 (05042513)	14.52836 (05042513)
6399970.0	19.23179 (05042513)	19.38979 (05042513)	18.73197 (05042513)	17.15321 (05042513)	14.75055 (05042513)
6399870.0	19.14615 (05042513)	19.54929 (05042513)	19.00434 (05042513)	17.36251 (05042513)	14.69276 (05042513)
6399770.0	18.44958 (05042513)	19.15911 (05042513)	18.76418 (05042513)	17.01515 (05042513)	14.29783 (04071813)
6399670.0	16.88347 (05042513)	17.78516 (05042513)	17.46180 (05042513)	15.64930 (05042513)	13.68216 (04071813)
6399570.0	14.07792 (05042513)	15.02895 (05042513)	14.85638 (05042513)	14.73198 (04122914)	14.17250 (04092614)
6399470.0	14.19829 (04112314)	12.86455 (05122616)	14.11758 (05122615)	15.20133 (04122914)	15.16561 (05012915)
6399370.0	15.36254 (05111614)	14.32390 (04112314)	14.75741 (05122615)	16.62381 (05122615)	17.96581 (05012915)
6399270.0	11.81571 (05111614)	13.18387 (04112414)	14.16079 (05122616)	17.47358 (05122615)	19.28228 (05012915)
6399170.0	11.75791 (04123115)	13.55702 (04123115)	13.73878 (04123115)	13.63743 (05122616)	12.87992 (05122615)
6399070.0	12.85831 (05010914)	14.40525 (04123115)	15.12679 (04123115)	12.36889 (04123115)	10.28379 (04120214)

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 6398970.0 |     11.98568 (05011815)     12.87695 (04123115)     12.66240 (04123115)
13.63337 (05012116)      9.90909 (04120214)
 6398870.0 |     11.06503 (04110812)     11.94949 (04120314)     11.99818 (05012116)
13.07440 (05012116)     10.32578 (05012116)
 6398770.0 |     11.04315 (04120314)     10.97107 (04120314)     10.72495 (05012116)
11.56736 (04120614)     11.14493 (04120614)
 6398670.0 |     10.00151 (04111015)     10.10877 (04111015)     12.23826 (04120414)
11.86373 (04120614)     10.84145 (04120614)
 6398570.0 |      9.27930 (04111015)     11.52495 (04120414)     13.13071 (04120714)
11.46693 (05121515)     10.52874 (05011915)
 6398470.0 |      9.60856 (04120414)     11.43007 (04120714)     12.11380 (04120714)
11.23674 (05121515)     10.03762 (05011915)
 6398370.0 |      9.81837 (04120414)     11.10798 (04120714)     10.32174 (04120714)
10.11218 (05121515)      9.15743 (05011915)
 6398270.0 |      9.92670 (04120714)     10.19551 (04120714)      9.16416 (05121515)
9.04634 (05121515)      8.47278 (05020115)
 6398170.0 |      9.60203 (04120714)      9.16008 (04120714)      8.57030 (05121515)
8.14587 (05121515)      7.89109 (05020115)
 6398070.0 |      8.94731 (04120714)      8.06800 (04120714)      7.95259 (05121515)
7.34478 (05121515)      7.39060 (05020115)
 6397970.0 |      8.18698 (04120714)      7.30992 (05121515)      7.35226 (05121515)
6.62078 (05121515)      6.91936 (05020115)
 6397870.0 |      7.42661 (04120714)      6.89752 (05121515)      6.78770 (05121515)
6.03247 (05121515)      6.45870 (05020115)
 6397770.0 |      6.70692 (04120714)      6.51009 (05121515)      6.29941 (05121515)
5.57728 (05110215)      6.14227 (05020115)
 6397670.0 |      6.07463 (04120714)      6.17864 (05121515)      5.88325 (05121515)
5.38276 (05020116)      5.93603 (05022014)
 6397570.0 |      5.84532 (05121515)      5.87389 (05121515)      5.52489 (05121515)
5.24477 (05020116)      5.73299 (05022014)
 6397470.0 |      5.77303 (04042011)      6.08732 (04042011)      5.78478 (04042011)
5.67248 (05060812)      6.21527 (05103110)
 6397370.0 |      6.82602 (04042011)      7.04070 (04042011)      6.60950 (04042011)
6.65290 (05060812)      7.05562 (05103110)
 6397270.0 |      7.85758 (04042011)      7.95950 (04042011)      7.40307 (04042011)
7.64600 (05060812)      7.84188 (05103110)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
**

  Y-COORD  |                                                    X-COORD (METERS)
  (METERS) |       583720.00              583820.00               583920.00
584020.00               584120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 6397170.0 |      8.84050 (04042011)      8.82363 (04042011)      8.15011 (04042011)
8.62946 (05060812)      8.56208 (05103110)
 6397070.0 |      9.75449 (04042011)      9.61888 (04042011)      9.08886 (05060812)
9.58385 (05060812)      9.29245 (05060812)
 6396970.0 |     10.58602 (04042011)     10.33647 (04042011)     10.04451 (05060812)
10.49333 (05060812)     10.15898 (05060812)
```

CONC ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	584220.00	584320.00	584420.00	584520.00	584620.00
6401170.0	20.50104 (04030710)	21.31356 (04011409)	23.13630 (04011409)	28.38901 (05041108)	37.63455 (05041108)
6401070.0	20.37024 (04030710)	21.83835 (04011409)	23.76532 (04011409)	28.68859 (05041108)	37.53080 (05041108)
6400970.0	20.14467 (04030710)	22.35152 (04011409)	24.38696 (04011409)	29.25319 (05041108)	37.45668 (05041108)
6400870.0	20.41175 (04011409)	22.86540 (04011409)	24.98131 (04011409)	30.40239 (05041108)	37.66795 (05041108)
6400770.0	20.67378 (04011409)	23.33275 (04011409)	25.58536 (04011409)	31.70859 (05041108)	38.21658 (05041108)
6400670.0	20.81108 (04011409)	23.67451 (04011409)	26.08578 (04011409)	32.63542 (05041108)	40.05505 (05041108)
6400570.0	20.81879 (04011409)	23.88449 (04011409)	26.43116 (04011409)	32.03276 (05041108)	39.91941 (05041108)
6400470.0	20.65761 (04011409)	23.93319 (04011409)	26.61131 (04011409)	31.00643 (05041108)	38.12176 (05041108)
6400370.0	20.26604 (04011409)	23.74905 (04011409)	26.54856 (04011409)	29.50701 (05041108)	35.63999 (05041108)
6400270.0	19.56419 (04011409)	23.23860 (04011409)	26.13855 (04011409)	28.01144 (04011409)	32.45069 (05041108)
6400170.0	18.45575 (04011409)	22.28024 (04011409)	25.24380 (04011409)	27.05063 (04011409)	27.63061 (04011409)
6400070.0	16.84528 (04011409)	20.74081 (04011409)	23.70575 (04011409)	25.39856 (04011409)	25.76183 (04011409)
6399970.0	14.65706 (04011409)	18.49517 (04011409)	21.37295 (04011409)	22.90034 (04011409)	23.03819 (04011409)
6399870.0	12.13897 (05011614)	15.48940 (04011409)	18.15236 (04011409)	19.46728 (04011409)	20.49359 (05020710)
6399770.0	13.06189 (05011614)	15.76081 (05011614)	16.04578 (04102813)	15.20517 (04011409)	20.60045 (05020710)
6399670.0	14.26828 (04092614)	16.13014 (05011614)	16.49472 (04102813)	15.52111 (04091213)	19.58078 (05020710)
6399570.0	15.31329 (04092614)	16.69391 (04102813)	15.61288 (04102812)	15.94755 (04122811)	17.18722 (05020710)

 6399470.0 | 15.72916 (04092614)   15.85240 (04102813)   15.52252 (05111113)
16.80277 (04122813)   16.35276 (04122813)
 6399370.0 | 17.03211 (05012915)   15.90570 (04111613)   17.25193 (04022213)
15.70137 (04022213)   16.01260 (04010814)
 6399270.0 | 18.26358 (04111613)   17.87889 (04022213)   18.24511 (04022213)
16.79503 (04022213)   13.77040 (04022213)
 6399170.0 | 13.79006 (04092613)   16.66270 (04022213)   16.60663 (04022213)
15.11272 (04022213)   13.12812 (05010614)
 6399070.0 | 9.07775 (04120214)   12.72435 (04022214)   13.24700 (04121614)
12.09333 (04121614)   12.86207 (04120114)
 6398970.0 | 9.54505 (04120214)   10.45917 (04121614)   12.07345 (04121614)
12.47257 (04110713)   12.86144 (05120714)
 6398870.0 | 11.02662 (05012215)   10.76561 (05111413)   12.07181 (05111414)
11.16198 (05111415)   12.13003 (05120415)
 6398770.0 | 11.42751 (05012215)   11.99500 (04122314)   13.15793 (05020414)
13.25029 (05020415)   12.92611 (04010714)
 6398670.0 | 11.07117 (05123115)   12.11068 (04122314)   12.27648 (05020414)
14.78662 (05020414)   16.33547 (04110514)
 6398570.0 | 11.15586 (05123115)   11.41641 (05110314)   12.74007 (04111814)
15.01566 (04110512)   17.91022 (04110513)
 6398470.0 | 10.99396 (05020114)   11.19222 (05110314)   12.41931 (05012014)
15.04275 (04110511)   18.00965 (04110512)
 6398370.0 | 10.55659 (05020114)   10.48314 (05120212)   13.12855 (04110510)
13.71019 (04110511)   16.68028 (04110511)
 6398270.0 | 9.57773 (05020114)   9.68687 (05020114)   12.14040 (04110510)
14.93144 (04110510)   17.07438 (04110511)
 6398170.0 | 8.77376 (05020115)   9.01181 (05020114)   10.40004 (05120212)
14.63815 (04110510)   14.82127 (04110511)
 6398070.0 | 8.09590 (05020115)   8.36966 (05020114)   9.47083 (05120212)
12.47119 (04110510)   13.26461 (04110510)
 6397970.0 | 7.51847 (05020115)   7.86986 (05083012)   8.53083 (05120212)
10.31795 (04110510)   13.10907 (04110510)
 6397870.0 | 7.00853 (05020115)   7.58110 (05083012)   9.35617 (05060712)
11.49657 (05060712)   12.66516 (05060712)
 6397770.0 | 6.61526 (05020115)   7.45526 (05060712)   10.41339 (05060712)
13.01512 (05060712)   14.67729 (05060712)
 6397670.0 | 6.37206 (05020115)   8.20836 (05060712)   11.48212 (05060712)
14.48096 (05060712)   16.55134 (05060712)
 6397570.0 | 6.13070 (05020115)   8.81998 (05060712)   12.34958 (05060712)
15.63884 (05060712)   18.25333 (05060712)
 6397470.0 | 6.78434 (05103110)   9.35588 (05060712)   12.99361 (05060712)
16.58907 (05060712)   19.52206 (05060712)
 6397370.0 | 7.65891 (05103110)   9.81318 (05060712)   13.50444 (05060712)
17.21026 (05060712)   20.27541 (05060712)
 6397270.0 | 8.44967 (05103110)   10.13597 (05060712)   13.80528 (05060712)
17.35836 (05060712)   20.35925 (05060712)

 **MODELOPTs:
PAGE****
 CONC   ELEV

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                    *** NETWORK ID: Z2KRK009 ; NETWORK TYPE:
GRIDCART ***

                                         ** CONC OF OTHER   IN MICROGRAMS/M**3
**

  Y-COORD | X-COORD (METERS)

```
  (METERS) |       584220.00              584320.00              584420.00
584520.00              584620.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 6397170.0 |      9.12492 (05103110)     10.38654 (05060712)     13.88255 (05060712)
17.33127 (05060712)     20.35788 (05060712)
 6397070.0 |      9.73700 (05103110)     10.46991 (05060712)     13.84874 (05060712)
17.16485 (05060712)     20.00730 (05060712)
 6396970.0 |     10.30766 (05103110)     10.50626 (05060712)     13.66378 (05060712)
16.77441 (05060712)     19.50805 (05060712)
 6396870.0 |     10.80281 (05103110)     10.94321 (05103110)     13.53214 (05060712)
16.40152 (05060712)     18.98918 (05060712)
 6396770.0 |     11.22718 (05103110)     11.37871 (05103110)     13.51809 (05060712)
16.31614 (05060712)     18.84213 (05060712)
 6396670.0 |     11.58638 (05103110)     11.74666 (05103110)     13.45477 (05060712)
16.16977 (05060712)     18.65401 (05060712)
 6396570.0 |     11.93841 (05060812)     12.05322 (05103110)     13.35140 (05060712)
15.97550 (05060712)     18.40413 (05060712)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                   *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
**

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       584720.00              584820.00              584920.00
585020.00              585120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

 6401170.0 |     47.09703 (05041108)     55.18919 (05041108)     60.24532 (05041108)
63.07343 (05041108)     63.33228 (05041108)
 6401070.0 |     46.47861 (05041108)     53.62737 (05041108)     57.73120 (05041108)
59.87415 (05041108)     59.39979 (05041108)
 6400970.0 |     45.70813 (05041108)     51.46395 (05041108)     54.92322 (05041108)
56.17339 (05041108)     54.70555 (05041108)
 6400870.0 |     44.72783 (05041108)     49.91409 (05041108)     52.41181 (05041108)
52.20635 (05041108)     49.56229 (05041108)
 6400770.0 |     45.05947 (05041108)     49.47357 (05041108)     50.21238 (05041108)
48.49675 (05041108)     44.67240 (05041108)
 6400670.0 |     46.45452 (05041108)     50.40868 (05041108)     48.62652 (05041108)
45.37994 (05041108)     40.45670 (05041108)
 6400570.0 |     45.45969 (05041108)     47.78220 (05041108)     46.77889 (05041108)
41.59336 (05041108)     35.24689 (05041108)
 6400470.0 |     42.52042 (05041108)     43.52807 (05041108)     40.66386 (05041108)
35.09822 (05041108)     30.96210 (05020710)
 6400370.0 |     38.74241 (05041108)     38.41961 (05041108)     34.96535 (05041108)
30.51047 (05020710)     32.94972 (05020710)
 6400270.0 |     34.16265 (05041108)     32.59954 (05041108)     29.35754 (05020710)
32.53442 (05020710)     34.66011 (05020710)
 6400170.0 |     28.17267 (05041108)     27.27964 (05020710)     31.32517 (05020710)
34.19872 (05020710)     35.88272 (05020710)
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 6400070.0 | 24.96653 (04011409)   29.05111 (05020710)   32.83328 (05020710)
35.25288 (05020710)   36.38026 (05020710)
 6399970.0 | 25.45578 (05020710)   30.24079 (05020710)   33.56595 (05020710)
35.38553 (05020710)   35.87632 (05020710)
 6399870.0 | 26.15869 (05020710)   30.48174 (05020710)   33.16198 (05020710)
34.28233 (05020710)   34.12439 (05020710)
 6399770.0 | 25.76962 (05020710)   29.38054 (05020710)   31.28195 (05020710)
31.68933 (05020710)   30.96647 (05020710)
 6399670.0 | 23.92142 (05020710)   26.63498 (05020710)   27.73558 (05020710)
27.53853 (05020710)   26.44491 (05020710)
 6399570.0 | 20.45045 (05020710)   22.22318 (05020710)   22.65322 (05020710)
22.09188 (05020710)   22.66329 (04041208)
 6399470.0 | 15.81465 (04121414)   16.60238 (05020710)   16.89839 (04111315)
17.78723 (04041208)   19.80851 (04041208)
 6399370.0 | 15.75106 (04111315)   18.15292 (04111314)   18.50534 (04111314)
17.72825 (04111313)   20.56050 (04051512)
 6399270.0 | 14.80392 (04111313)   16.14134 (04111313)   16.03253 (04111611)
18.47929 (05092511)   20.86728 (04051512)
 6399170.0 | 14.26033 (05100814)   15.03354 (05100814)   16.15079 (05092511)
18.59729 (05092511)   20.27723 (05092511)
 6399070.0 | 14.89231 (04120114)   15.74608 (04120114)   15.99606 (05020214)
17.66282 (05092511)   19.73298 (04082811)
 6398970.0 | 13.54988 (05120714)   14.16725 (05112012)   15.65954 (05112012)
18.61384 (04082811)   21.74030 (04082811)
 6398870.0 | 12.98310 (05120713)   14.62425 (05112012)   16.11525 (05112012)
18.78408 (04082811)   22.13227 (04082811)
 6398770.0 | 13.43645 (04010714)   14.35134 (05112012)   15.90999 (05112012)
17.41148 (04082811)   20.93783 (04082811)
 6398670.0 | 15.04546 (04110515)   14.06660 (04010714)   15.98662 (05022611)
18.19694 (05022611)   19.62797 (05022611)
 6398570.0 | 18.63193 (04110514)   16.15459 (04110515)   16.73914 (05022611)
19.30724 (05022611)   21.04051 (05022611)
 6398470.0 | 19.32496 (04110513)   18.83292 (04110514)   16.40598 (04110514)
19.26143 (05022611)   21.32512 (05022611)
 6398370.0 | 18.82854 (04110512)   19.50414 (04110513)   17.99380 (04110514)
18.32370 (05022611)   20.67744 (05022611)
 6398270.0 | 18.00584 (04110512)   18.49762 (04110512)   18.72701 (04110513)
19.60311 (05060512)   20.31490 (05060512)
 6398170.0 | 17.84848 (04110511)   18.47948 (04110512)   18.61032 (05060512)
20.59298 (05060512)   21.71102 (05060512)
 6398070.0 | 16.41177 (04110511)   17.16759 (04110511)   18.50232 (05060512)
20.81427 (05060512)   22.30882 (05060512)
 6397970.0 | 14.17798 (04090510)   17.22717 (04110511)   18.02411 (04090510)
20.44851 (05060512)   22.25391 (05060512)
 6397870.0 | 15.57109 (04090510)   18.61179 (04090510)   20.46157 (04090510)
21.22620 (04090510)   21.71316 (05060512)
 6397770.0 | 16.54574 (04090510)   19.98941 (04090510)   22.46354 (04090510)
23.76904 (04090510)   23.89220 (04090510)
 6397670.0 | 17.30555 (05060712)   21.06832 (04090510)   24.04816 (04090510)
25.71655 (04090510)   26.27903 (04090510)
 6397570.0 | 19.24726 (05060712)   21.79497 (04090510)   25.04172 (04090510)
27.08586 (04090510)   28.07181 (04090510)
 6397470.0 | 20.84800 (05060712)   21.89874 (04090510)   25.35949 (04090510)
27.91535 (04090510)   29.26668 (04090510)
 6397370.0 | 21.88934 (05060712)   22.36252 (05060712)   25.29931 (04090510)
28.16678 (04090510)   29.91533 (04090510)
 6397270.0 | 22.46455 (05060712)   23.16001 (05060712)   24.93172 (04090510)
27.95551 (04090510)   30.02617 (04090510)

 **MODELOPTs:
PAGE****
 CONC   ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	584720.00	584820.00	584920.00	585020.00	585120.00
6397170.0	22.46877 (05060712)	23.62144 (05060712)	24.15755 (04090510)	27.32250 (04090510)	29.65102 (04090510)
6397070.0	22.07839 (05060712)	23.47670 (05060712)	23.50795 (05060712)	25.97612 (04090510)	28.12085 (04090510)
6396970.0	21.72389 (05060712)	23.03451 (05060712)	23.33773 (05060712)	24.46502 (04090510)	26.67165 (04090510)
6396870.0	21.15824 (05060712)	22.53208 (05060712)	23.00635 (05060712)	23.10548 (04090510)	25.52233 (04090510)
6396770.0	20.88109 (05060712)	22.27269 (05060712)	22.93150 (05060712)	22.85179 (05060712)	24.72639 (04090510)
6396670.0	20.71254 (05060712)	22.19388 (05060712)	23.00832 (05060712)	23.13418 (05060712)	23.85368 (04090510)
6396570.0	20.46131 (05060712)	22.00557 (05060712)	22.94617 (05060712)	23.25012 (05060712)	22.93992 (05060712)

1 *** AERMOD - VERSION 07026 *** *** NO2 *** 02/14/08
*** 20:04:44
**MODELOPTs:
PAGE****
CONC ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** NETWORK ID: Z2KRK009 ; NETWORK TYPE: GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	585220.00	585320.00	585420.00	585520.00	585620.00
6401170.0	61.42116 (05041108)	57.34846 (05041108)	51.89016 (05041108)	45.46440 (05041108)	38.80585 (05041108)
6401070.0	56.40308 (05041108)	51.83900 (05041108)	45.93551 (05041108)	39.68432 (05041108)	33.26163 (05041108)
6400970.0	50.88747 (05041108)	45.74432 (05041108)	39.59288 (05041108)	33.38781 (05041108)	30.65797 (05041111)
6400870.0	44.96686 (05041108)	39.34189 (05041108)	33.15104 (05041108)	31.04893 (05041111)	29.79335 (05020710)
6400770.0	39.28115 (05041108)	33.22250 (05041108)	31.18621 (05041111)	30.73087 (05020710)	31.06748 (05020710)

 6400670.0 | 34.21101 (05041108)   30.99255 (05041111)   31.59287 (05020710)
32.11268 (05020710)   32.17605 (05020710)
 6400570.0 | 30.92142 (05020710)   32.31760 (05020710)   33.08392 (05020710)
33.29452 (05020710)   33.04167 (05020710)
 6400470.0 | 32.81416 (05020710)   33.90913 (05020710)   34.32857 (05020710)
34.17933 (05020710)   33.57671 (05020710)
 6400370.0 | 34.48611 (05020710)   35.19781 (05020710)   35.20872 (05020710)
34.65804 (05020710)   33.68189 (05020710)
 6400270.0 | 35.78111 (05020710)   36.03386 (05020710)   35.58672 (05020710)
34.61106 (05020710)   33.26168 (05020710)
 6400170.0 | 36.50008 (05020710)   36.23673 (05020710)   35.30881 (05020710)
33.91373 (05020710)   32.21896 (05020710)
 6400070.0 | 36.42102 (05020710)   35.62644 (05020710)   34.23482 (05020710)
32.46585 (05020710)   31.43792 (04041208)
 6399970.0 | 35.32146 (05020710)   34.02652 (05020710)   32.24942 (05020710)
31.91792 (04041208)   36.49865 (04041208)
 6399870.0 | 33.03285 (05020710)   31.33458 (05020710)   31.27343 (04041208)
35.91860 (04041208)   39.41003 (04041208)
 6399770.0 | 29.48779 (05020710)   29.52693 (04041208)   33.66865 (04041208)
36.89902 (04041208)   39.14792 (04041208)
 6399670.0 | 26.59605 (04041208)   30.08964 (04041208)   32.65928 (04041208)
34.26991 (04041208)   34.97204 (04041208)
 6399570.0 | 25.45412 (04041208)   27.38058 (04041208)   28.45037 (04041208)
28.73477 (04041208)   28.34863 (04041208)
 6399470.0 | 21.77541 (04051512)   23.67908 (04051512)   25.06313 (04051512)
26.01647 (04051512)   26.62221 (04051512)
 6399370.0 | 22.90580 (04051512)   24.62403 (04051512)   25.82600 (04051512)
26.61476 (04051512)   27.07814 (04051512)
 6399270.0 | 23.08607 (04051512)   24.69005 (04051512)   25.78567 (04051512)
26.48772 (04051512)   26.88386 (04051512)
 6399170.0 | 22.20494 (04051512)   23.79072 (04051512)   24.88432 (04051512)
25.59700 (04051512)   26.34926 (05051111)
 6399070.0 | 22.25324 (04082811)   24.31819 (04082811)   25.91427 (04082811)
27.06633 (04082811)   28.25928 (05051111)
 6398970.0 | 24.39849 (04082811)   26.52670 (04082811)   28.13083 (04082811)
29.25754 (04082811)   29.97355 (04082811)
 6398870.0 | 24.98633 (04082811)   27.27300 (04082811)   28.99901 (04082811)
30.20787 (04082811)   30.96879 (04082811)
 6398770.0 | 24.00946 (04082811)   26.52440 (04082811)   28.46140 (04082811)
29.86043 (04082811)   30.80555 (04082811)
 6398670.0 | 21.75511 (04082811)   24.49739 (04082811)   26.69395 (04082811)
28.35666 (04082811)   29.55236 (04082811)
 6398570.0 | 22.03918 (05022611)   22.45862 (05022611)   23.99996 (04082811)
25.92966 (04082811)   27.39832 (04082811)
 6398470.0 | 22.63324 (05022611)   23.31668 (05022611)   23.52261 (05022611)
25.53263 (04090610)   27.17282 (04090610)
 6398370.0 | 22.30929 (05022611)   23.30725 (05022611)   23.79386 (05022611)
24.22851 (04090610)   26.25072 (04090610)
 6398270.0 | 21.28274 (05022611)   22.59125 (05022611)   23.38194 (05022611)
23.75600 (05022611)   24.39546 (04090610)
 6398170.0 | 22.07597 (05060512)   21.85141 (05060512)   23.51828 (05022610)
24.95820 (05022610)   25.70030 (05022610)
 6398070.0 | 23.04375 (05060512)   23.14480 (05060512)   23.18986 (05022610)
25.13452 (05022610)   26.35253 (05022610)
 6397970.0 | 23.33398 (05060512)   23.77057 (05060512)   23.68173 (05060512)
24.39967 (05022610)   26.06580 (05022610)
 6397870.0 | 23.08389 (05060512)   23.83262 (05060512)   24.04797 (05060512)
23.83574 (05060512)   24.55776 (05022610)
 6397770.0 | 23.16764 (04090510)   23.45399 (05060512)   23.90790 (05060512)
23.71198 (05060512)   23.16752 (05060512)
 6397670.0 | 25.97488 (04090510)   24.78735 (04090510)   23.16208 (05060512)
23.25733 (05060512)   22.99171 (05060512)
 6397570.0 | 28.11351 (04090510)   26.90010 (04090510)   25.10734 (04090510)
23.00128 (04090510)   22.54900 (05060512)
 6397470.0 | 29.72021 (04090510)   28.45860 (04090510)   27.10316 (04090510)
25.21963 (04090510)   23.05616 (04090510)

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 6397370.0 |     30.82446 (04090510)     30.04665 (04090510)     28.53248 (04090510)
26.98025 (04090510)     25.10353 (04090510)
 6397270.0 |     31.07261 (04090510)     30.26742 (04090510)     29.58434 (04090510)
28.28217 (04090510)     26.82236 (04090510)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
**

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       585220.00              585320.00              585420.00
585520.00              585620.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 6397170.0 |     30.33168 (04090510)     30.28684 (04090510)     29.61171 (04090510)
29.10895 (04090510)     28.17020 (04090510)
 6397070.0 |     29.10981 (04090510)     29.66025 (04090510)     30.09229 (04090510)
29.89697 (04090510)     29.20356 (04090510)
 6396970.0 |     28.18421 (04090510)     29.52864 (04090510)     30.22868 (04090510)
30.31842 (04090510)     29.86515 (04090510)
 6396870.0 |     27.61979 (04090510)     29.14561 (04090510)     30.07390 (04090510)
30.42121 (04090510)     30.23633 (04090510)
 6396770.0 |     26.89962 (04090510)     28.56404 (04090510)     29.68330 (04090510)
30.25852 (04090510)     30.32143 (04090510)
 6396670.0 |     26.06792 (04090510)     27.83469 (04090510)     29.10945 (04090510)
29.88099 (04090510)     30.16656 (04090510)
 6396570.0 |     25.16369 (04090510)     27.00087 (04090510)     28.39795 (04090510)
29.33427 (04090510)     29.81518 (04090510)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                          ** CONC OF OTHER    IN MICROGRAMS/M**3
**

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       585720.00              585820.00              585920.00
586020.00              586120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
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 6401170.0 | 32.34851 (05041108)   29.38037 (05041111)   27.78152 (05041111)
26.87662 (05020710)   26.66454 (05020710)
 6401070.0 | 30.10050 (05041111)   28.50946 (05041111)   27.89102 (05020710)
27.69948 (05020710)   27.32076 (05020710)
 6400970.0 | 29.10077 (05041111)   28.93106 (05020710)   28.77357 (05020710)
28.39454 (05020710)   27.83688 (05020710)
 6400870.0 | 29.99570 (05020710)   29.88415 (05020710)   29.51195 (05020710)
28.92731 (05020710)   28.17765 (05020710)
 6400770.0 | 31.02565 (05020710)   30.67049 (05020710)   30.06354 (05020710)
29.26118 (05020710)   28.31412 (05020710)
 6400670.0 | 31.85909 (05020710)   31.23526 (05020710)   30.37751 (05020710)
29.34889 (05020710)   28.20202 (05020710)
 6400570.0 | 32.41796 (05020710)   31.51111 (05020710)   30.39660 (05020710)
29.14317 (05020710)   29.19359 (04041208)
 6400470.0 | 32.62731 (05020710)   31.42928 (05020710)   30.06452 (05020710)
29.38462 (04041208)   35.97110 (04041208)
 6400370.0 | 32.40392 (05020710)   30.92475 (05020710)   29.32931 (05020710)
35.74158 (04041208)   42.55831 (04041208)
 6400270.0 | 31.66907 (05020710)   29.93635 (05020710)   35.36863 (04041208)
41.85351 (04041208)   47.81588 (04041208)
 6400170.0 | 30.45830 (04041208)   35.55645 (04041208)   40.82649 (04041208)
46.57819 (04041208)   51.52193 (04041208)
 6400070.0 | 36.38462 (04041208)   40.75420 (04041208)   44.80553 (04041208)
49.38192 (04041208)   52.61189 (04041208)
 6399970.0 | 40.45731 (04041208)   43.54878 (04041208)   45.78867 (04041208)
48.86490 (04041208)   51.04715 (04041208)
 6399870.0 | 41.91781 (04041208)   43.45043 (04041208)   44.07940 (04041208)
45.58028 (04041208)   46.51424 (04041208)
 6399770.0 | 40.05858 (04041208)   39.91095 (04041208)   39.21161 (04041208)
39.17033 (04041208)   39.23350 (04041208)
 6399670.0 | 34.88290 (04041208)   33.97487 (04041208)   32.26678 (04041208)
31.37476 (04041208)   31.00868 (04041208)
 6399570.0 | 27.43325 (04041208)   26.35743 (04051512)   26.43318 (04051512)
26.36091 (04051512)   26.17681 (04051512)
 6399470.0 | 26.95071 (04051512)   27.06406 (04051512)   27.01716 (04051512)
26.84116 (04051512)   26.96993 (05102207)
 6399370.0 | 27.29281 (04051512)   27.30563 (04051512)   27.18007 (04051512)
26.93525 (04051512)   27.48546 (05102207)
 6399270.0 | 27.04899 (04051512)   27.11431 (05051111)   28.64563 (05051111)
29.80963 (05051111)   30.75189 (05051111)
 6399170.0 | 28.41010 (05051111)   30.17048 (05051111)   31.62072 (05051111)
32.63556 (05051111)   36.09389 (04082408)
 6399070.0 | 30.34212 (05051111)   32.07940 (05051111)   33.47308 (05051111)
34.42493 (05051111)   39.66217 (04082408)
 6398970.0 | 30.82519 (05051111)   32.60967 (05051111)   34.08356 (05051111)
36.62929 (04082408)   42.56402 (04082408)
 6398870.0 | 31.36887 (04082811)   31.68659 (05051111)   33.30127 (05051111)
36.00326 (04082408)   43.14420 (04082408)
 6398770.0 | 31.35537 (04082811)   31.58976 (04082811)   31.58446 (04082811)
32.81096 (05051111)   38.94855 (04082408)
 6398670.0 | 30.33851 (04082811)   30.77530 (04082811)   30.92698 (04082811)
30.90799 (04082811)   31.22498 (05051111)
 6398570.0 | 28.45285 (04082811)   29.14396 (04082811)   29.53003 (04082811)
29.65889 (04082811)   29.60275 (04082811)
 6398470.0 | 28.35759 (04090610)   29.13081 (04090610)   29.49771 (04090610)
29.59668 (04090610)   29.45044 (04090610)
 6398370.0 | 27.81108 (04090610)   28.90451 (04090610)   29.60178 (04090610)
29.97566 (04090610)   30.06921 (04090610)
 6398270.0 | 26.29304 (04090610)   27.74829 (04090610)   28.79907 (04090610)
29.49214 (04090610)   29.87592 (04090610)
 6398170.0 | 25.85679 (05022610)   25.85999 (04090610)   27.24465 (04090610)
28.26363 (04090610)   28.95648 (04090610)
 6398070.0 | 26.92431 (05022610)   26.89299 (05022610)   26.90328 (05061811)
26.77029 (05061811)   27.43344 (04090610)
 6397970.0 | 26.63985 (05022610)   27.09362 (05022610)   27.71614 (04010610)
28.17571 (04010610)   28.10220 (04010610)

```
 6397870.0 |     25.65048 (05022610)     26.62840 (05022610)     27.76359 (04010610)
28.93029 (04010610)     29.17549 (04010610)
 6397770.0 |     24.15058 (05022610)     25.58049 (05022610)     27.39110 (04090608)
28.95427 (04090608)     29.47728 (04010610)
 6397670.0 |     22.61918 (05060512)     25.04491 (04090608)     27.65141 (04090608)
29.87270 (04090608)     31.37500 (04090608)
 6397570.0 |     22.50473 (05060512)     23.86687 (04090608)     26.98576 (04090608)
29.79232 (04090608)     31.93749 (04090608)
 6397470.0 |     22.15681 (05060512)     22.25848 (05060512)     25.56822 (04090608)
28.71061 (04090608)     31.54792 (04090608)
 6397370.0 |     23.42232 (04090510)     21.89998 (05060512)     23.60654 (04090608)
27.07816 (04090608)     30.47658 (04090608)
 6397270.0 |     25.35016 (04090510)     23.65760 (04090510)     21.84366 (04090510)
25.24446 (04090608)     28.98128 (04090608)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,

                                     *** NETWORK ID: Z2KRK009 ;  NETWORK TYPE:
GRIDCART ***

                                         ** CONC OF OTHER    IN MICROGRAMS/M**3
**

  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |       585720.00              585820.00              585920.00
586020.00              586120.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -

 6397170.0 |     27.01974 (04090510)     25.50871 (04090510)     23.78534 (04090510)
22.94716 (04090608)     26.84998 (04090608)
 6397070.0 |     28.26771 (04090510)     26.97343 (04090510)     25.42032 (04090510)
23.70000 (04090510)     24.21739 (04090608)
 6396970.0 |     29.11229 (04090510)     28.05607 (04090510)     26.74007 (04090510)
25.14505 (04090510)     23.39470 (04090510)
 6396870.0 |     29.66547 (04090510)     28.85181 (04090510)     27.68228 (04090510)
26.27471 (04090510)     24.67375 (04090510)
 6396770.0 |     29.92606 (04090510)     29.31603 (04090510)     28.33739 (04090510)
27.09893 (04090510)     26.31630 (04011007)
 6396670.0 |     30.00549 (04090510)     29.48617 (04090510)     28.73168 (04090510)
27.69925 (04090510)     29.16244 (04011007)
 6396570.0 |     29.86721 (04090510)     29.53250 (04090510)     28.89462 (04090510)
28.06587 (04090510)     31.03334 (04011007)
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                                ELEV

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL       ***
                                    INCLUDING SOURCE(S):      Z2KRK000, 6FZE300G,
6FZE300H, 6FZE300I,
```

Y-COORD (METERS)	X-COORD (METERS) 586220.00	586320.00
6401170.0	26.29143 (05020710)	25.78510 (05020710)
6401070.0	26.78884 (05020710)	26.13432 (05020710)
6400970.0	27.13666 (05020710)	26.32930 (05020710)
6400870.0	27.30379 (05020710)	26.34049 (05020710)
6400770.0	27.26381 (05020710)	28.93787 (04041208)
6400670.0	29.26712 (04041208)	35.49514 (04041208)
6400570.0	35.86386 (04041208)	42.21061 (04041208)
6400470.0	42.43724 (04041208)	48.50814 (04041208)
6400370.0	48.63123 (04041208)	54.01950 (04041208)
6400270.0	53.02787 (04041208)	57.71082 (04041208)
6400170.0	55.53085 (04041208)	58.57306 (04041208)
6400070.0	55.24421 (04041208)	56.96159 (04041208)
6399970.0	52.36214 (04041208)	52.53877 (04041208)
6399870.0	46.78316 (04041208)	45.39609 (04041208)
6399770.0	38.50488 (04041208)	36.78847 (04041208)
6399670.0	29.44364 (04041208)	27.80018 (04041208)
6399570.0	26.28968 (05102207)	28.75886 (05102207)
6399470.0	29.18681 (05102207)	35.37797 (04112907)
6399370.0	33.48913 (04112907)	45.44200 (04112907)
6399270.0	38.27846 (04112907)	49.86901 (04112907)
6399170.0	46.49554 (04082408)	58.07365 (04082408)
6399070.0	50.60579 (04082408)	61.50313 (04082408)
6398970.0	50.50900 (04082408)	60.95823 (04082408)
6398870.0	49.76298 (04082408)	55.10223 (04082408)
6398770.0	43.64685 (04082408)	45.84441 (04082408)
6398670.0	32.12772 (05051111)	32.76996 (05051111)
6398570.0	29.38225 (04082811)	29.69237 (05051111)
6398470.0	29.11890 (04090610)	28.64121 (04090610)
6398370.0	29.94401 (04090610)	29.63035 (04090610)
6398270.0	30.00410 (04090610)	29.91788 (04090610)
6398170.0	29.36781 (04090610)	29.54173 (04090610)
6398070.0	28.13455 (04090610)	28.57988 (04090610)
6397970.0	27.67996 (04010610)	27.13218 (04090610)
6397870.0	29.01804 (04010610)	28.54599 (04010610)
6397770.0	29.63077 (04010610)	29.42608 (04010610)
6397670.0	31.77999 (04090608)	31.30944 (04090608)
6397570.0	33.50497 (04090608)	33.80119 (04090608)
6397470.0	33.72917 (04090608)	35.34300 (04090608)
6397370.0	33.35528 (04090608)	35.91259 (04090608)
6397270.0	32.31785 (04090608)	35.08780 (04090608)

** CONC OF OTHER IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS)	
	586220.00	586320.00
6397170.0	30.36261 (04090608)	33.39706 (04090608)
6397070.0	27.87245 (04090608)	31.18499 (04090608)
6396970.0	25.07222 (04090608)	28.41441 (04090608)
6396870.0	22.98035 (04090510)	25.60983 (04090608)
6396770.0	25.68943 (04011007)	24.23385 (04011007)
6396670.0	29.81523 (04011007)	28.79588 (04011007)
6396570.0	32.49137 (04011007)	31.97695 (04011007)

CONC ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): Z2KRK000, 6FZE300G, 6FZE300H, 6FZE300I,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
585756.00	6401131.00	30.02393	(05041111)	585236.19	6398191.50	21.75601	(05060512)
582643.12	6399353.00	8.64746	(04010111)	583406.31	6398695.50	9.28735	(04110812)
585376.94	6400030.50	34.28641	(05020710)	583843.81	6398730.50	10.46411	(05012116)
584339.81	6398883.00	11.01810	(05111414)	584229.81	6399221.00	17.39387	(04111613)
583738.81	6399067.50	12.61348	(04123115)	583843.81	6398730.50	10.46411	(05012116)

CONC ELEV

*** THE SUMMARY OF MAXIMUM ANNUAL (2 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3
**

NETWORK
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

 ALL      1ST HIGHEST VALUE IS       0.33262 AT (  584620.00,  6399270.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
          2ND HIGHEST VALUE IS       0.32888 AT (  584520.00,  6399270.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
          3RD HIGHEST VALUE IS       0.32517 AT (  584720.00,  6399270.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
          4TH HIGHEST VALUE IS       0.32118 AT (  584620.00,  6399370.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
          5TH HIGHEST VALUE IS       0.32081 AT (  584720.00,  6399370.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
          6TH HIGHEST VALUE IS       0.31742 AT (  584620.00,  6399170.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
          7TH HIGHEST VALUE IS       0.31610 AT (  584520.00,  6399170.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
          8TH HIGHEST VALUE IS       0.31360 AT (  584820.00,  6399370.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
          9TH HIGHEST VALUE IS       0.31323 AT (  584820.00,  6399270.00,
350.00,    350.00,      0.00)  GC   Z2KRK009
         10TH HIGHEST VALUE IS       0.30923 AT (  584720.00,  6399170.00,
350.00,    350.00,      0.00)  GC   Z2KRK009


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                        ** CONC OF OTHER    IN MICROGRAMS/M**3
**

                                                       DATE
NETWORK
 GROUP ID                         AVERAGE CONC     (YYMMDDHH)            RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)     OF TYPE  GRID-ID
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ALL      HIGH  1ST HIGH VALUE IS      63.33228  ON 05041108: AT (  585120.00,
6401170.00,    396.00,    396.00,      0.00)  GC   Z2KRK009


  *** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR
1 *** AERMOD - VERSION 07026 ***    ***  NO2
***        02/14/08
                                    ***
***        20:04:44
 **MODELOPTs:
PAGE****
 CONC                               ELEV
```

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   696 Warning Message(s)
A Total of   0 Informational Message(s)

A Total of   0 Calm Hours Identified

A Total of   0 Missing Hours Identified (0.00 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
MX W439   97 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010501
MX W439   98 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010502
MX W439   99 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010503
MX W439   166 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010722
MX W439   167 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010723
MX W439   168 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010724
MX W439   169 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010801
MX W439   170 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010802
MX W439   212 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010920
MX W439   213 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04010921
MX W439   225 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04011009
MX W439   259 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04011119
MX W439   322 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04011410
MX W439   605 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04012605
MX W439   645 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04012721
MX W439   646 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04012722
MX W439   657 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04012809
MX W439   681 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04012909
MX W439   693 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04012921
MX W439   694 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04012922
MX W439   719 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04013023
MX W439   720 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04013024
MX W439   721 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04013101
MX W439   725 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04013105
MX W439   726 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04013106
MX W439   728 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04013108
MX W439   743 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04013123
MX W439   744 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04013124
MX W439   745 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020101
MX W439   746 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020102
MX W439   747 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020103
MX W439   748 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020104
MX W439   749 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020105
MX W439   750 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020106
MX W439   752 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020108
MX W439   765 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020121
MX W439   777 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020209
MX W439   789 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020221
MX W439   790 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020222
MX W439   883 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020619
MX W439   884 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020620
MX W439   956 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04020920
MX W439 1029 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04021221
MX W439 1030 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04021222
MX W439 1031 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04021223
MX W439 1032 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04021224
MX W439 1075 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04021419
MX W439 1182 METQA :Monin-Obukhov Length Out-of-Range. KURDAT=   04021906

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MX W439  1220 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04022020
MX W439  1221 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04022021
MX W439  1398 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04022806
MX W439  1415 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04022823
MX W439  1416 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04022824
MX W439  1417 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04022901
MX W439  1860 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04031812
MX W439  1861 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04031813
MX W439  2035 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04032519
MX W439  2036 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04032520
MX W439  2037 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04032521
MX W439  2138 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04033002
MX W439  2139 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04033003
MX W439  2140 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04033004
MX W439  2170 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04033110
MX W439  2418 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041018
MX W439  2419 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041019
MX W439  2420 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041020
MX W439  2458 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041210
MX W439  2487 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041315
MX W439  2488 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041316
MX W439  2550 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041606
MX W439  2576 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041708
MX W439  2634 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041918
MX W439  2635 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041919
MX W439  2636 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        04041920
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MX W439 13806 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05072906
MX W439 13807 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05072907
MX W439 13809 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05072909
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MX W439 13820 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05072920
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MX W439 13822 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05072922
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MX W439 13835 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05073011
MX W439 13843 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05073019
MX W439 13844 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05073020
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MX W439 13891 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05080119
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MX W439 14011 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05080619
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MX W439 14068 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05080904
MX W439 14070 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05080906
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MX W439 14117 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05081105
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MX W439 17421 METQA :Monin-Obukhov Length Out-of-Range.  KURDAT=        05122621

   ************************************
   *** AERMOD Finishes Successfully ***
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Appendix D

Ozone limiting method calculations

OLM Calc Method 2 Level 1 - hourly - Normal Operation Max Predicted plus measured value at that time

	Factor	Predicted Nox (ug/m3) (Model)			Predicted NOx ug/m3 (Model)			Bathurst O3 bckgrd ug/m3 O3 Conc on 05041108	
1 Hr Max	0.1	63.3	**6.33**	0.9	63.3	**56.97**	0.96	2.4	**2.3**
Rec 1	0.1	21.8	**2.18**	0.9	30	**27**	0.96	2.4	**2.3**
Rec 2	0.1	34.3	**3.43**	0.9	21.8	**19.62**	0.96	2.4	**2.3**
Rec 3	0.1	8.6	**0.86**	0.9	8.6	**7.74**	0.96	2.4	**2.3**
Rec 4	0.1	9.3	**0.93**	0.9	9.3	**8.37**	0.96	2.4	**2.3**

								O3 Bargo O3 Conc on 05041108	
1 Hr Max	0.1	63.3	**6.33**	0.9	63.3	**56.97**	0.96	7.9	**7.57**
Rec 1	0.1	21.8	**2.18**	0.9	30	**27**	0.96	7.9	**7.57**
Rec 2	0.1	34.3	**3.43**	0.9	21.8	**19.62**	0.96	7.9	**7.57**
Rec 3	0.1	8.6	**0.86**	0.9	8.6	**7.74**	0.96	7.9	**7.57**
Rec 4	0.1	9.3	**0.93**	0.9	9.3	**8.37**	0.96	7.9	**7.57**

								O3 Bringelly O3 Conc on 05041108	
1 Hr Max	0.1	63.3	**6.33**	0.9	63.3	**56.97**	0.96	4.1	**3.93**
Rec 1	0.1	21.8	**2.18**	0.9	30	**27**	0.96	4.1	**3.93**
Rec 2	0.1	34.3	**3.43**	0.9	21.8	**19.62**	0.96	4.1	**3.93**
Rec 3	0.1	8.6	**0.86**	0.9	8.6	**7.74**	0.96	4.1	**3.93**
Rec 4	0.1	9.3	**0.93**	0.9	9.3	**8.37**	0.96	4.1	**3.93**

OLM Calc Method 2 Level 1 - Annual - Normal Operation - max predicted plus measured at that time

	Factor	Predicted Nox (ug/m3) (Model)		Predicted NOx ug/m3 (Model)		Bathurst O3 bckgrd ug/m3 Ann (of 1 hour avs)	

Max Ann	0.1	0.33	**0.033**	0.9	0.33	**0.297**	0.96	40.7	**39.00**
Rec 1	0.1	0.17	**0.017**	0.9	0.18	**0.162**	0.96	40.7	**39.00**
Rec 2	0.1	0.23	**0.023**	0.9	0.17	**0.153**	0.96	40.7	**39.00**
Rec 3	0.1	0.13	**0.013**	0.9	0.13	**0.117**	0.96	40.7	**39.00**
Rec 4	0.1	0.14	**0.014**	0.9	0.14	**0.126**	0.96	40.7	**39.00**

								O3 Bargo Ann (of 1 hour avs)	
Max Ann	0.1	0.33	**0.033**	0.9	0.33	**0.297**	0.96	47.1	**45.14**
Rec 1	0.1	0.17	**0.017**	0.9	0.18	**0.162**	0.96	47.1	**45.14**
Rec 2	0.1	0.23	**0.023**	0.9	0.17	**0.153**	0.96	47.1	**45.14**
Rec 3	0.1	0.13	**0.013**	0.9	0.13	**0.117**	0.96	47.1	**45.14**
Rec 4	0.1	0.14	**0.014**	0.9	0.14	**0.126**	0.96	47.1	**45.14**

								O3 Bringelly Ann (of 1 hour avs)	
Max Ann	0.1	0.33	**0.033**	0.9	0.33	**0.297**	0.96	38.6	**36.99**
Rec 1	0.1	0.17	**0.017**	0.9	0.18	**0.162**	0.96	38.6	**36.99**
Rec 2	0.1	0.23	**0.023**	0.9	0.17	**0.153**	0.96	38.6	**36.99**
Rec 3	0.1	0.13	**0.013**	0.9	0.13	**0.117**	0.96	38.6	**36.99**
Rec 4	0.1	0.14	**0.014**	0.9	0.14	**0.126**	0.96	38.6	**36.99**

OLM Calc Method 2 Level 1 - hourly - Normal Operation - Max predicted plus max measured

	Factor	**Predicted Nox (ug/m3) (Model)**			**Predicted NOx ug/m3 (Model)**			**Bathurst O3 bckgrd ug/m3**	
1 Hr Max	0.1	63.3	**6.33**	0.9	63.3	**56.97**	0.96	196.2	**188.025**
Rec 1	0.1	21.8	**2.18**	0.9	30	**27**	0.96	196.2	**188.025**
Rec 2	0.1	34.3	**3.43**	0.9	21.8	**19.62**	0.96	196.2	**188.025**
Rec 3	0.1	8.6	**0.86**	0.9	8.6	**7.74**	0.96	196.2	**188.025**
Rec 4	0.1	9.3	**0.93**	0.9	9.3	**8.37**	0.96	196.2	**188.025**

							O3 Bargo		
1 Hr Max	0.1	63.3	**6.33**	0.9	63.3	**56.97**	0.96	282.9	**271.11**
Rec 1	0.1	21.8	**2.18**	0.9	30	**27**	0.96	282.9	**271.11**
Rec 2	0.1	34.3	**3.43**	0.9	21.8	**19.62**	0.96	282.9	**271.11**
Rec 3	0.1	8.6	**0.86**	0.9	8.6	**7.74**	0.96	282.9	**271.11**
Rec 4	0.1	9.3	**0.93**	0.9	9.3	**8.37**	0.96	282.9	**271.11**
							O3 Bringelly		
1 Hr Max	0.1	63.3	**6.33**	0.9	63.3	**56.97**	0.96	261.5	**250.60**
Rec 1	0.1	21.8	**2.18**	0.9	30	**27**	0.96	261.5	**250.60**
Rec 2	0.1	34.3	**3.43**	0.9	21.8	**19.62**	0.96	261.5	**250.60**
Rec 3	0.1	8.6	**0.86**	0.9	8.6	**7.74**	0.96	261.5	**250.60**
Rec 4	0.1	9.3	**0.93**	0.9	9.3	**8.37**	0.96	261.5	**250.60**

3

Bringelly data NO2 (ug/m3)	NO2 (ug/m3) Total
NO2 Conc on 05041108	
14.4	23.03
14.4	18.88
14.4	20.13
14.4	17.56
14.4	17.63

Bargo NO2	
No Data for 05041108, Date of nearest data is 05041204	
11.3	25.20
11.3	21.05
11.3	22.30
11.3	19.73
11.3	19.80

NO2 Bringelly NO2 Conc on 05041108	
14.4	24.66
14.4	20.51
14.4	21.76
14.4	19.19
14.4	19.26

Bargo Data NO2 (ug/m3)	NO2 (ug/m3) Total Annual
Ann Av of 1 hour averages	

13.5	13.83
13.5	13.679
13.5	13.676
13.5	13.63
13.5	13.64

Bargo
NO2
Ann Av of 1 hour averages
13.5
13.5
13.5
13.5
13.5

NO2
Bringelly
Ann Av of 1 hour averages
12.1
12.1
12.1
12.1
12.1

Bringelly data	**NO2 (ug/m3) Total**
NO2 (ug/m3)	
MAX NO2	
120.95	184.25
120.95	150.13
120.95	144
120.95	129.55
120.95	130.25

	Bargo NO2	
MAX NO2		
	120.95	184.25
	120.95	150.13
	120.95	144.00
	120.95	129.55
	120.95	130.25

NO2		
Bringelly		
MAX NO2		
	91.2	154.50
	91.2	120.38
	91.2	114.25
	91.2	99.80
	91.2	100.50

3