

BESPOKE
ENVIRONMENTAL
SUPPORT



EMISSIONS TO AIR RISK ASSESSMENT

EPR/BM4945IW/V009 Schedule 5 response

Client: Britannia Refined Metals Ltd

Document date: 30 June 2025

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Introduction

This document has been prepared to support the variation of Britannia Refined Metals' (BRM) environmental permit EPR/BM4945IW at Botany Road, Northfleet.

This variation, reference V009, relates to a request to commence the importation of secondary raw materials for the purpose of producing new refined lead products. Some of these products may be classified as controlled waste.

Although this activity is already undertaken for a limited number of approved controlled wastes, the Environment Agency considers that the application should be amended to include the production of new metal from secondary raw materials as a new permitted activity. As such, it has required an updated emissions to air risk assessment as part of a Schedule 5 notice requiring further information dated 13 December 2024.

1. Process description

Britannia Refined Metals Ltd (BRM) operates a lead refinery at Northfleet, Kent, which has been in operation at the site since 1930.

Crude lead bullion is accepted at the installation where it is refined through a series of premelting, desilvering and refining kettles to produce high quality lead and lead alloys. A small silver refinery also operates within the installation; process residues are thermally treated in rotary furnaces to recover further lead and silver that can be returned to the process.

As part of its refining process, BRM generates drosses and slags that it reprocesses through two rotary furnaces to extract further metals suitable for use in the main process. The site also accepted limited quantities of dross from other global production sites within the Glencore group, which it processes through its rotary furnaces in the same way as it handles its own dross. Once processed in the rotary furnaces, recovered metal is further refined in an identical manner to imported crude lead bullion.

Air emissions from the site can be grouped into three categories:

- Emissions from process stacks, via bag filter systems
- Emissions from combustion flues, and
- Diffuse emissions from non-point sources.

Emissions from each process stack are discontinuous, but operations take place throughout the year. The main ISA refinery operates extraction on operating kettles plus a secondary fume extraction system to ventilate and negatively pressurise the building, reducing diffuse emissions. The rotary furnace in the adjacent silver refinery, referred to as the "Ag Rotary," is planned to operate for around 150 days in 2025.

The other rotary furnace within the secondary refining building, the "Sb Rotary," is planned to operate for 90 days. Periods of kettle downtime can last for several weeks when logistics result in shortages of crude bullion to refine, though the company seeks to minimise these

where possible. There are also maintenance shutdown periods where there are no process emissions.

2. Scope of the risk assessment

The risk assessment has been undertaken to consider the impact of emissions from point sources within the installation, including both process stacks and combustion flues, within the context of the proposed changes.

The site was initially modelled in its existing condition. Further modelling was then carried out to assess the potential impacts of other pollutants that may be introduced through the receipt of third-party waste materials into the rotary furnaces. To provide consistency with past work, the model was based on the original air quality impact assessments for the installation undertaken by RPS Consultants in 2001 and 2004, taking account of key changes since that period including:

- Use of the most recent ADMS 6.0.0.1 modelling software from Cambridge Environmental Research Consultants (CERC)
- Cessation of combustion and production activities in the secondary processing areas, ISAMelt and CX (battery recycling) plants
- The addition of the new Swanscombe Peninsula site of special scientific interest (SSSI) immediately west and southwest of the installation.

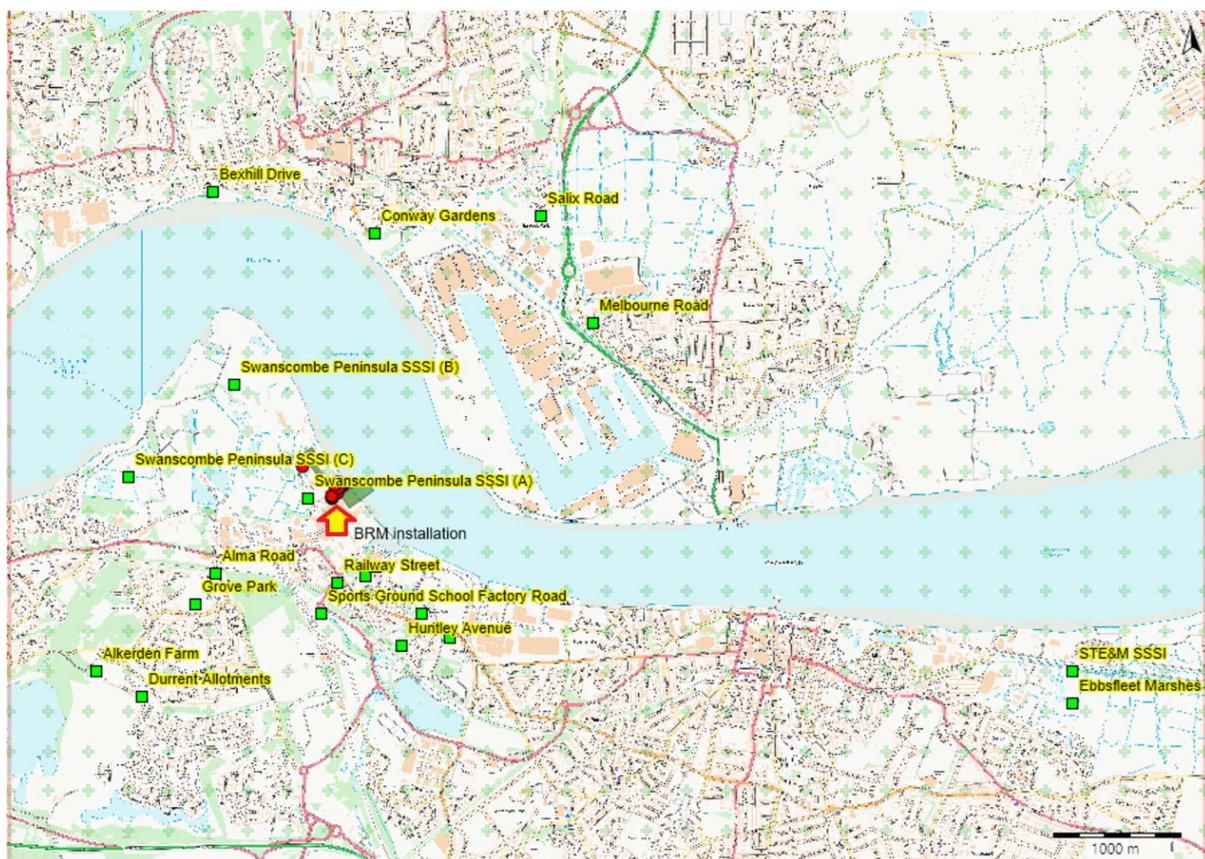


Figure 1: Location plan of the modelled area around Northfleet, Kent and Tilbury, Essex

The location subject to modelling is illustrated in Figure 1. It encompasses a 9 km x 9 km grid that includes the main local receptors on the right bank of the Thames Estuary, as well as the primary downwind receptors on the left bank.

3. Air quality standards and legislation

3.1. Air quality standards

The assessment has been carried out to have regard to the relevant objectives and the limits specified in the Air Quality Standards Regulations 2010.

Those standards relevant to this application are listed in Table 1.

Table 1: Relevant UK Air Quality Standards and targets

Pollutant	Limit	Reference period	Number of exceedance days (if relevant)
Particulate (PM ₁₀)	50 µg/m ³	24-hour mean	35 per annum
	40 µg/m ³	Annual mean	-
Particulate (PM _{2.5})	20 µg/m ³	Annual mean	-
NO _x as NO ₂	200 µg/m ³	1-hour mean	18 per annum
	40 µg/m ³	Annual mean	-
	30 µg/m ³	Annual mean (ecosystems)	-
SO ₂	350 µg/m ³	1-hour mean	24 per annum
	125 µg/m ³	24-hour mean	3 per annum
	20 µg/m ³	Annual mean (ecosystems)	-
CO	10 mg/m ³	Running 8-hour mean	-
TVOC	5 µg/m ³ (Benzene assumed)	Annual mean	-
Lead	0.5 µg/m ³	Annual mean	-

3.2. Other relevant pollutant thresholds

BRM currently monitors its stacks for other pollutants not listed in Table 1. Some of these also have air quality objectives, targets or published Environmental Assessment Levels.

Table 2 shows these other pollutants and relevant thresholds where they are available.

Table 2: Other action levels etc. relevant to pollutants monitored at BRM

Monitored Pollutants	Objective, target or EAL value	Reference period
TVOC (as C)	None	
Dioxins & furans (I-TEQ)	None	
Arsenic	6 ng/m ³	Annual mean
Antimony	5 µg/m ³ 150 µg/m ³	Annual mean 1-hour mean
Cadmium	5 ng/m ³ 30 ng/m ³	Annual mean 1-hour mean
Copper	0.05 µg/m ³	24-hour mean
Lead	0.25 µg/m ³	Annual mean
Manganese	0.15 µg/m ³ 1,500 µg/m ³	Annual mean 1-hour mean
Nickel	20 ng/m ³ 0.7 µg/m ³	Annual mean 1-hour mean
Silver	None	
Tin	None	
Zinc	None	
SO ₂	266 µg/m ³	15-minute mean (35 exceedances per annum)

4. Background air quality data

Background air quality data has been obtained for many of the parameters included in the assessment using publicly available sources through the Kent Air Quality Monitoring Network and DEFRA websites. This data was input into the model when specifying background concentrations.

The data sources used for the model are defined in Table 3. Carbon monoxide is no longer monitored in the vicinity of the site, so the background concentration used in historic site models has been used. No data is available for dioxins and furans or PM_{2.5}.

Table 3: Sources of baseline data input to the ADMS6 model

Pollutant	Monitoring location	Co-ordinates	Reference period
NO _x as NO ₂	Gravesham Industrial Background (ZG3)	562159, 174358	Year-specific annual mean

Pollutant	Monitoring location	Co-ordinates	Reference period
PM ₁₀	Gravesham Industrial Background (ZG3)	562159, 174358	Year-specific annual mean
Ozone	Thurrock (UKA00272)	561069, 177893	Year-specific annual mean
SO ₂	Thurrock (UKA00272)	561069, 177893	Year-specific annual mean
CO	Value obtained from original site model		2001 Annual mean
Pb, As, Cd, Cu, Zn	Dartford Bean (ZG5)	558653, 172654	2013 annual mean (last available data)

The background data entered into the model, based on 2021 annual means or the latest available figures as described above, is presented in Table 4.

Table 4: Background concentrations

Pollutant	Concentration	Unit
NO _x	28.49682659	µg/m ³
PM ₁₀	20.61642352	µg/m ³
Ozone	43.52401	µg/m ³
SO ₂	0.90292	µg/m ³
CO	0.375	mg/m ³
Pb	8.744285714	ng/m ³
As	0.7175	ng/m ³
Cd	0.162457143	ng/m ³
Cu	7.095714286	ng/m ³
Zn	15.12071429	ng/m ³

5. Meteorological data

When selecting appropriate meteorological data, regard was given to the previous site air emissions modelling exercises.

Historically, the nearest weather monitoring locations to the installation have been identified as inappropriate sources of data due to their location within the city of London, which is not representative of the relatively flat and open setting of Britannia Refined Metals' site next to the Thames Estuary. The weather stations at Manston, Kent and Charlwood near Gatwick Airport were used in past studies. When undertaking this project, hourly sequential meteorological data from the years 2019 to 2023 from both of these stations have been used.

No one year's data was found to represent the worst-case scenario for all pollutants. However, Charlwood (Gatwick) was found to represent the worst-case meteorological data for most key pollutants of interest at the specified receptors, as illustrated in Table 5.

Table 5: Worst-case meteorological data for main modelled pollutants

Pollutant	Reference period	Worst-case met data
NO _x as NO ₂	Annual mean	Charlwood 2019
	1-hour mean	Charlwood 2019
Carbon monoxide	Running 8-hour mean	Charlwood 2021
PM ₁₀	Annual mean	Charlwood 2022
	24-hour mean	Charlwood 2022
Lead	Annual mean	Charlwood 2021
Arsenic	Annual mean	Charlwood 2021
Cadmium	Annual mean	Charlwood 2021
SO ₂	Annual mean	Charlwood 2023
	15-minute mean	Charlwood 2023
	1-hour mean	Charlwood 2023
Dioxins and furans	Annual mean	Manston 2021

When selecting the appropriate meteorological data for the final model, regard was had both to the number of worst-case pollutants associated with each dataset, and to the significance of those pollutants, including the proximity of the results to air quality standards and the consistency across the modelled years.

It was considered that the data from the Charlwood weather station data for 2021 represented the best data on which to build the model, as it produced the worst-case results for heavy metals, the deposition of which is significant when considering the adjacent SSSI. The year also provided data for NO_x, SO₂ and PM₁₀ that was typical of most other years. Whilst there are no air quality standards for dioxins and furans, this dataset generated the second highest results for these pollutants.

A wind rose for the selected data is presented in Figure 2.

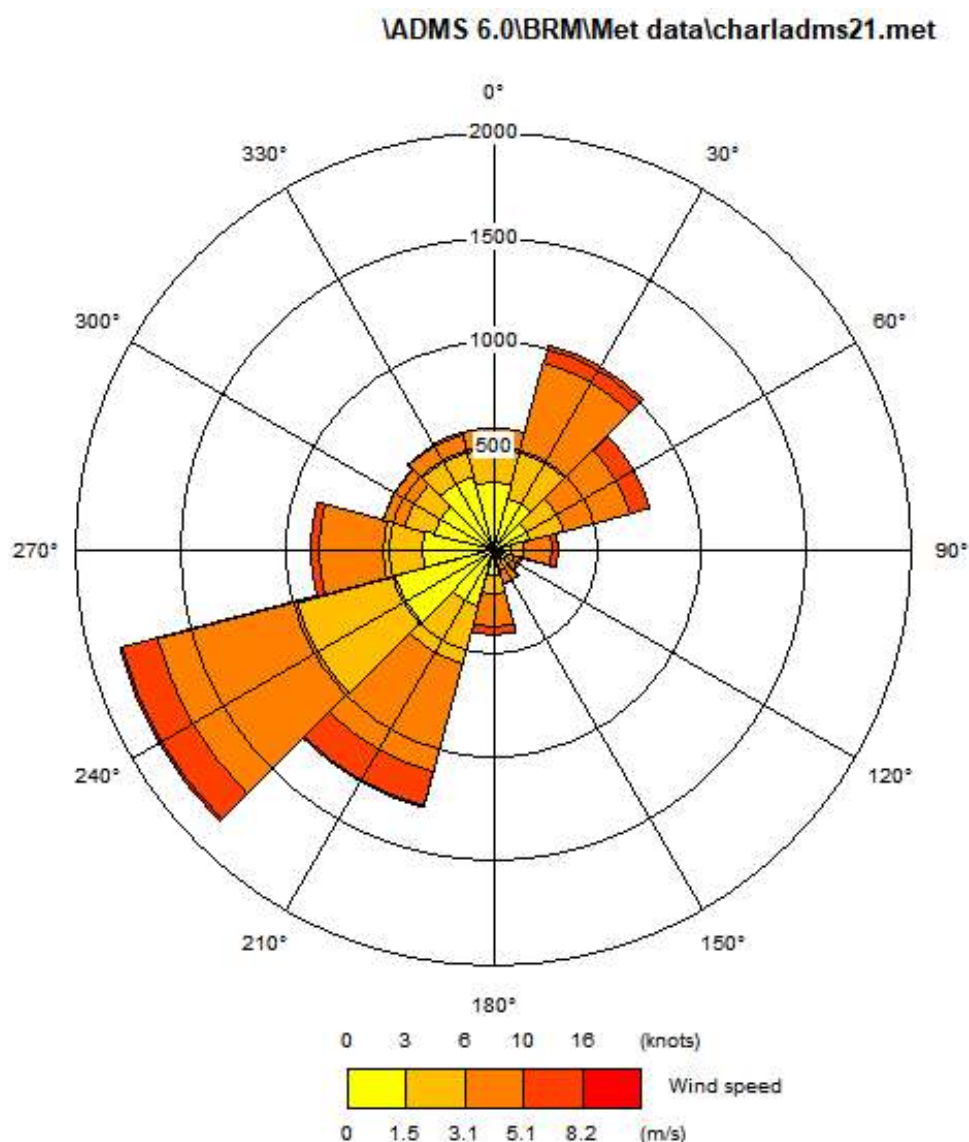


Figure 2: Wind rose of meteorological data selected for the ADMS6 model

6. Emissions sources

The baseline emissions model has been based on the active sources listed in Table 6. The number of emission sources at the installation has reduced significantly since previous models were run to support earlier permit applications as the secondary refinery and kettles, along with the CX plant, no longer operate. Six process stacks and 12 combustion flues have been included in the model.

Of these, four process stacks (A4-7) are subject to potential change as a result of this variation application.

The emission benchmarks used to calculate to normalized emission rate (g/s) for each point are based on:

- The current emission limit value where a permit limit is already applied (unless that limit was breached, in which case the higher concentration was used),
- Where no emission limit is applied but the substance is monitored, the maximum monitored value since 2020,
- Measured values of NO_x and CO,
- Benchmark values for NO_x, CO and particulate if no monitoring data was available,
- The maximum measured flow rate since 2020 for each stack.

100 per cent of particulate was assumed to be PM₁₀. There is no available data on PM_{2.5} to inform this aspect of a model.

Table 6: BRM site emission sources

Source ref	Description	Stack gas temperature (°C)	Stack height (m)	Efflux velocity (m/s)	Normalised stack diameter (m)	Flow volume (actual)	Flow volume (273K)
A1	Actairs 1 & 3	13	36.5	5.8	1.49	10.1	9.6
A2	Actairs 2 & 4	24	36.5	6.7	1.49	11.7	10.7
A4	Gravesend	33	36.5	3.4	1.95	10.2	9.1
A5	Middle	35	36.5	3.1	2.01	9.9	8.8
A6	London	31	36.5	2.8	2.02	9.0	8.1
A7	Main stack	27	93	3.5	4	44.0	40.0
Kettle flue 1	ISA kettle floor	501	13	5	-	-	0.4
Kettle flue 2	ISA kettle floor	97	13	7.1	-	-	0.3
Kettle flue 3	ISA kettle floor	97	13	4.6	-	-	0.5
Kettle flue 3A	ISA kettle floor	97	13	4.6	-	-	0.5
Kettle flue 4	ISA kettle floor	97	13	4.6	-	-	0.5
Kettle flue 4A	ISA kettle floor	97	13	4.6	-	-	0.5
Kettle flue 5	ISA kettle floor	428	13	5.8	-	-	0.5
Kettle flue 6	ISA kettle floor	502	13	5.6	-	-	0.4
Kettle flue 7	ISA kettle floor	294	13	6.2	-	-	0.7
Kettle flue 8	ISA kettle floor	330	13	4.6	-	-	0.5
Kettle flue 9	ISA kettle floor	97	13	4.6	-	-	0.5
Kettle flue 11	ISA kettle floor	310	13	4.6	-	-	0.5

6.1. Emissions parameters

The temperature of emissions for all sources range from 13°C from point A1 to 502°C for kettle flue 6. Efflux velocity ranges from 3.5 m/s at the A7 main stack, to 7.1 m/s at kettle flue 2.

The flues serving the Gravesend, Middle & London (A4-A6) stacks are square ducts fitted with equivalent stack diameters of around 2 metres, with efflux velocities of approximately 3 m/s.

These units are fitted with China hats which is likely to cause the exit gases to discharge downwards. The efflux velocity has therefore been assumed to be zero. This approach is sufficiently conservative to take reduced release buoyancy into account. Estimates for temperature and efflux velocity are based on lowest measured flows for kettle flues 1-11 where no direct measurements are available.

Specific heat capacity and molecular weights were assumed to be as air.

6.2. Buildings and operating times

The building heights and dimensions are based on information provided BRM including a Site Plan. The orientation of the building to north and relationship to the OS national grid was based on a best fit approach using AutoCAD 2000. This is shown in Figure 3.

The location of the process and sensitive receptors have been mapped using local OS mapping. Building dimensions used in the modelling assessment are based on information confirmed by BRM and validated with proprietary mapping software.

All sources have been assumed to operate on a steady state basis 24-hours a day in order to provide a worst-case operating condition. In reality, stack A7 operates only a batch basis and does not currently operate for much of the year. A4-A6 do operate continually but include multiple sources of extracted air; the impact of any additional

secondary raw materials only apply at these stacks during the limited periods when the Ag Rotary furnace is in operation and being fed with material suitable for silver recovery.

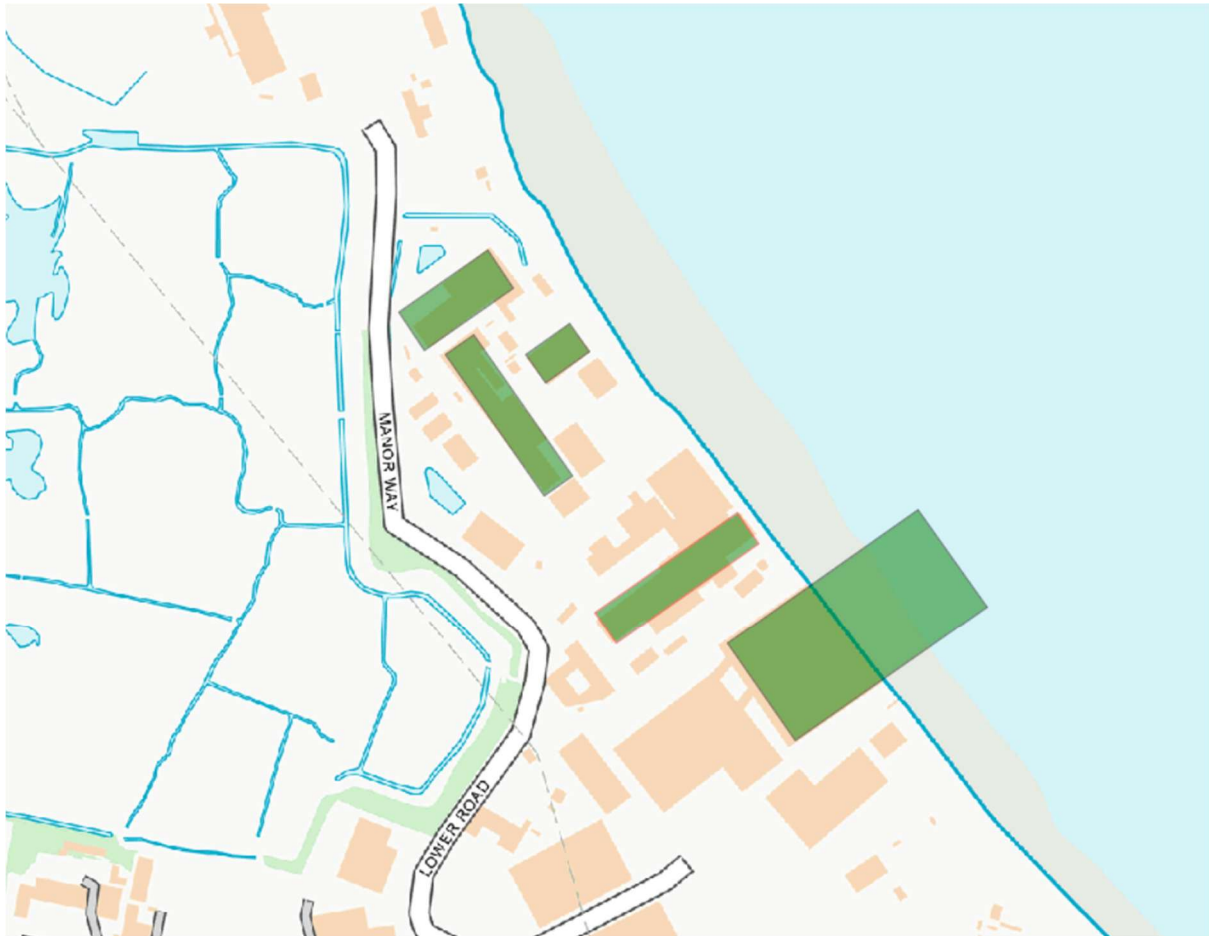


Figure 3: Significant buildings within the installation, due to size and/or height

7. Other model parameters

7.1. Surface roughness

The surface roughness conditions at the site have been set at ADMS6 default values (1.0m). This roughness has been assumed across the domain for the preliminary modelling and selection of worst case meteorological data.

The site setting is flat and located next to the Thames Estuary; it is considered that this is terrain effects are unlikely to have significant impacts on the model.

7.2. Time Averaging and Percentiles

The averaging time for lead and other metals has been based on 1 hour. The annual mean and the worst case 1 hour has been predicted. The rate of deposition has also been predicted based on the 1-hour average.

For SO₂, the 15-minute average has been modelled for the relevant percentile limits and annual averages. For PM₁₀, the annual mean and 90th-percentile have been predicted using the 24-hour average. CO has been predicted over an 8-hour rolling average. The ground level concentrations of VOCs and PCDD/Fs and deposition of dioxins are based on 1-hour average conditions over the year.

7.3. Grid resolution and receptor height

Receptor height for contours have been modelled at ground level (0m).

A preliminary modelling exercise was conducted to determine the range of predicted air concentrations and deposition rates for the sensitive receptors identified in Table 7.

A 9 x 9 km study area has been used at with grid points at approximately 290 m intervals. The installation is located 2.5 km from the western boundary of the area and 3.5 km from the south, ensuring that all previously modelled receptors including the South Thames Estuary and Marshes SSSI are included, whilst accounting for the prevailing south-westerly wind.

7.4. Particle diameters

ADMS6 default values were assumed for all metals, as particle diameters etc. are not known.

7.5. Particle deposition

A sensitivity analysis has been conducted for lead and nickel emissions in the modelling of the new scenario, based on lead at the BAT-AEL at A4-A7, as well as at the actual monitored values from 2020-2024, which is anticipated to be the real-world condition of the emission plumes. This is most relevant to the new Swanscombe Peninsula SSSI which is close to the installation, where deposition was found to be of significance.

NO_x and SO₂ are not subject to change as a result of this variation application, so past work to model these pollutants has not been repeated.

8. Specified receptors

The specified receptors used in previous modelling exercises have been repeated for this model.

Three new ecological receptor points have been added to the model run, marking three points within the Swanscombe Peninsula SSSI, was designated on land immediately west and south west of the installation in 2021.

The receptors were originally selected to represent a range of residential and agricultural receptors, allotments potentially used for food production, and ecological sensitivity. The South Thames Estuary and Marshes Ramsar site is located within 10 km of the installation and has also been included as a specified receptor. The list of receptors is provided in Table 7 and their location presented in Figure 4.

Table 7: Sensitive receptors included as specified receptors within the model

Receptor name	Location X co-ordinate (m)	Location Y co-ordinate (m)
Railway Street	561470.00	174670.00
Wallis Park	561680.00	174720.00
Grove Road FP	561750.00	174790.00
Sports Ground	561350.00	174430.00
Huntley Avenue	561960.00	174195.00
Vicarage	562320.00	174250.00
Melbourne Road	563400.00	176620.00
Salix Road	563000.00	177430.00
Conway Gardens	561750.00	177290.00
Bexhill Drive	560530.00	177610.00
Alma Road	560560.00	174740.00
Alkerden Farm	559660.00	174000.00
Durrent Allotments	560000.00	173810.00
Grove Park	560400.00	174500.00
STE&M SSSI	567000.00	174000.00
Ebbsfleet Marshes	567000.00	173760.00
School Factory Road	562110.00	174430.00
Swanscombe Peninsula SSSI (A)	561250.00	175300.00
Swanscombe Peninsula SSSI (B)	560700.00	176160.00
Swanscombe Peninsula SSSI (C)	559900.00	175460.00



Figure 4: Geographical locations of specified receptors

9. Baseline model results

The results from the baseline modelling exercise are presented in Table 8 and contour plots. The summary table below present the highest predicted environmental concentration (PEC) of pollutants in air for the sensitive human receptors considered within the model, taking account of existing authorised emissions and the background concentrations identified in Table 4.

Table 8: Results of baseline model of the study area

Pollutant	Annual mean ($\mu\text{g}/\text{m}^3$)	Max ST mean ($\mu\text{g}/\text{m}^3$)	Relevant AQ limit/objective
NO _x	29.4	63.7	200
SO ₂	1.99	37.8	125
PM ₁₀	20.8	29.1	50 40 (ST)
Carbon monoxide	0.376	0.392	10
Lead	0.0168		0.25
Arsenic	0.193		6 ng/m ³
Antimony	0.000125		5
Cadmium	0.191 ng/m ³		5 ng/m ³ 30 ng/m ³ (ST)
Copper	0.00729		0.05
Silver	0.0000876		
Zinc	0.0185		

In all cases the modelled PECs of the relevant pollutants remain well below Air Quality Standards and target values or other published environmental action levels at the relevant percentiles.

All contour plots provided within this report are for long-term hourly averages, unless otherwise stated.

9.1. NO_x

NO_x concentrations are highest in the immediate vicinity of the installation and around Railway Street, on the south bank of the Thames in Northfleet. The process contribution (PC) to this is 0.88 $\mu\text{g}/\text{m}^3$, which is insignificant compared to the AQS for this pollutant. Figure 5 illustrates the baseline NO_x scenario.

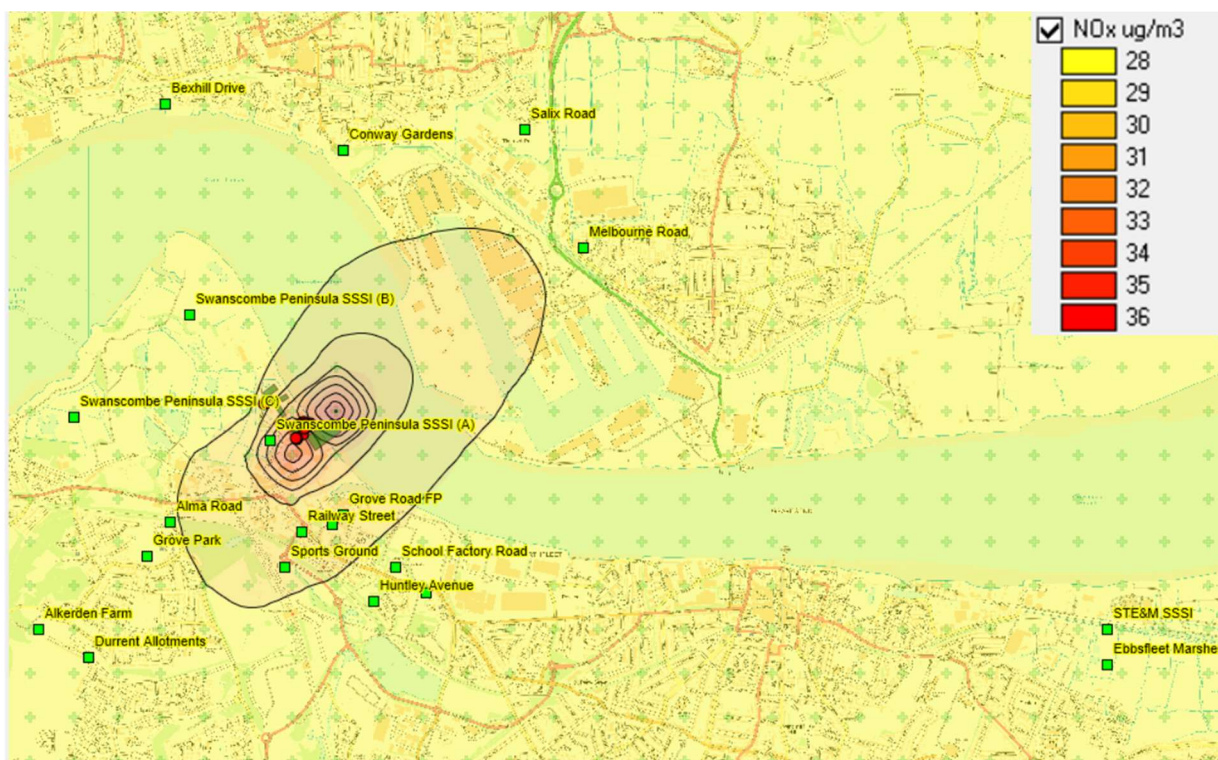


Figure 5: Contour plot of NO_x PECs in ambient air

9.2. SO₂

Annual mean SO₂ concentrations are highest in the immediate vicinity of the installation and in the middle of the Thames. The process contribution to this is 1.4 µg/m³, which is insignificant compared to the AQS for this pollutant. Figure 4 illustrates the baseline annual mean SO₂ scenario. This also remains well below the 20 µg/m³ annual mean limit for ecological receptors. The level of SO₂ predicted by the model is much lower than in previous modelling reports as a result of far fewer combustion stacks operating at the installation in 2025.

Figure 6 shows that while short term peaks are notable, these are fairly localised to the installation and adjacent industrial area, returning to concentrations well below the relevant air quality limits by the time specified human receptors are impacted.

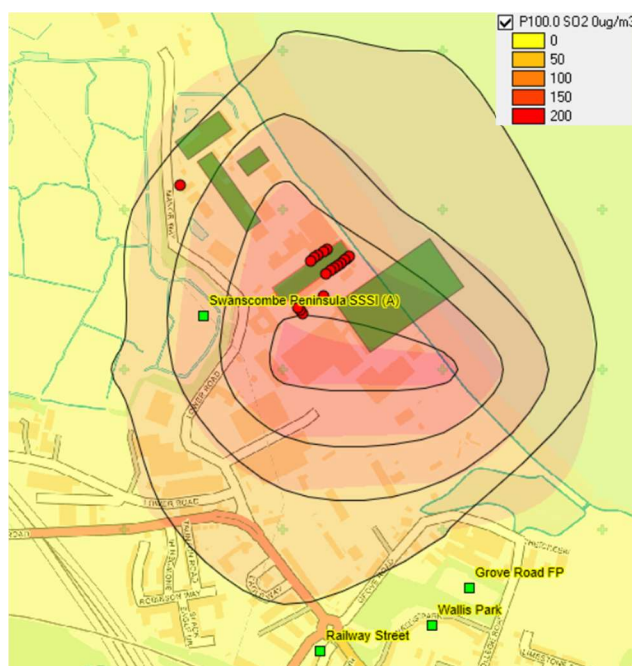


Figure 6: Peak (P100) concentrations localised around the installation

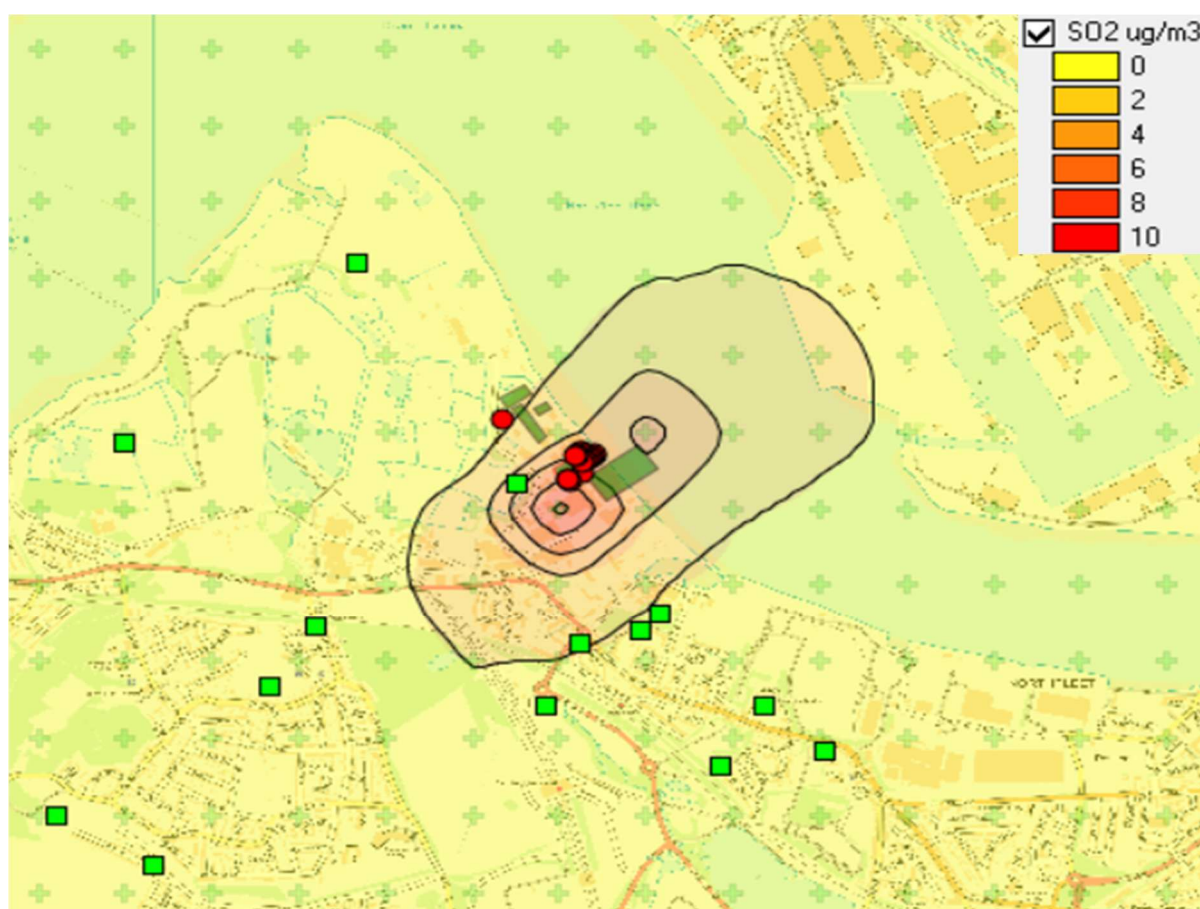


Figure 7: Long term concentrations of SO₂ around the installation

9.3. Carbon monoxide

Carbon monoxide is insignificant. The maximum recorded PC is 0.00078 µg/m³.

9.4. PM₁₀

PM₁₀ modelling has been conducted on the basis of 100% of emitted dust being within this fraction, and dust being emitted continuously at the BAT-AEL. The worst-case long-term process contribution to PM₁₀ in ambient identified was 0.23 µg/m³ at Railway Street. This is 0.46% of the annual limit for PM₁₀ and can be screened out as insignificant. The PC to the short-term (24-hour) average is 0.95%.

9.5. Lead in ambient air

The predicted annual concentrations of lead in air is plotted in Figure 8. This indicates that the contribution from the process is mainly confined to the immediate vicinity around the plant, in the industrial area of Northfleet. The maximum contribution to the annual mean at ground level is 0.0574 µg/m³ in the Thames off the BRM jetty. The maximum predicted air concentration at any sensitive human receptor is 0.017 µg/m³.

These predictions are based on authorised emission limits at A2 and A7, and actual monitored values between 2020 and 2024 at the main baghouse stacks A4-A6, where the lead limit was removed by permit variation V008.

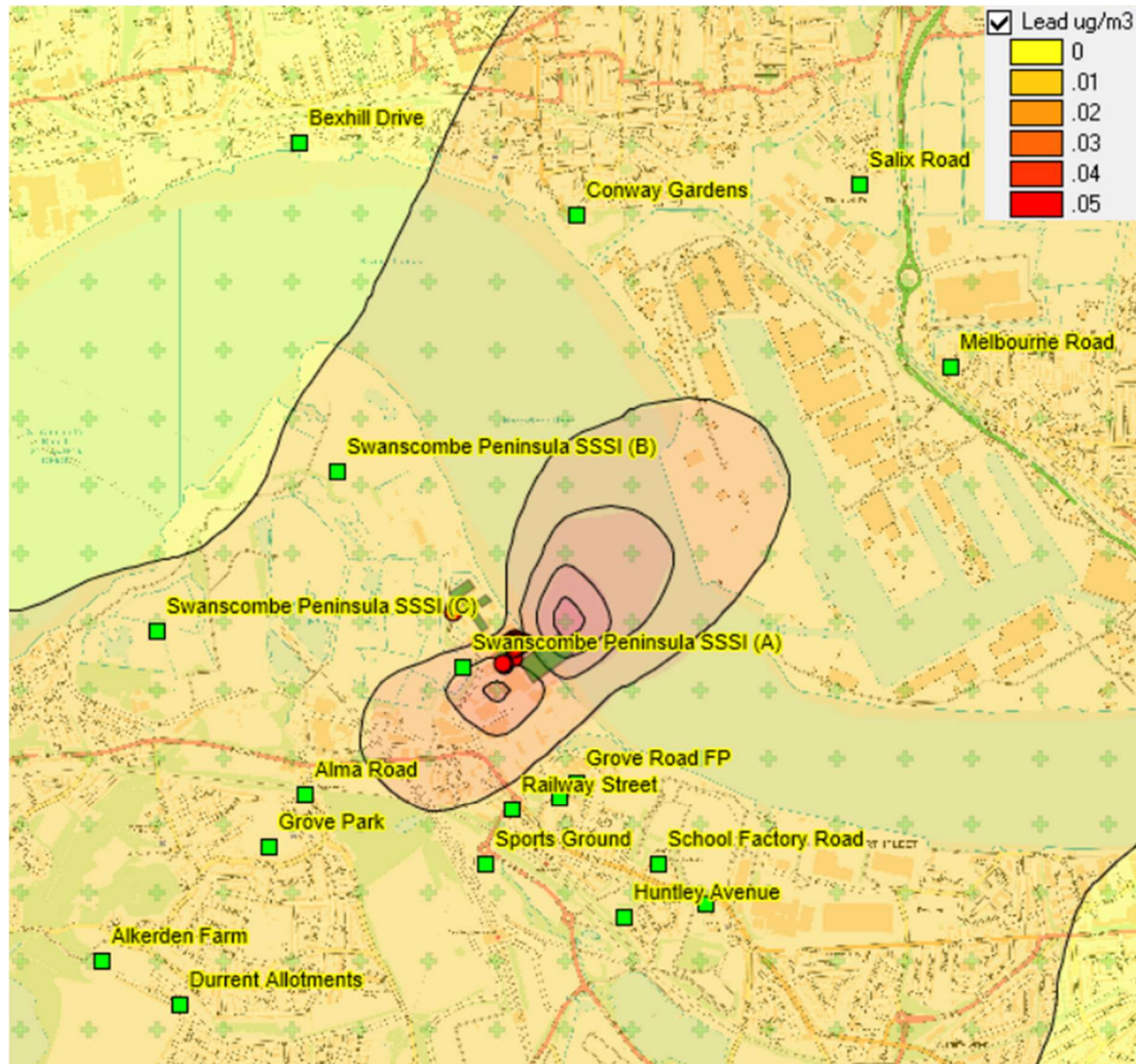


Figure 8: Predicted concentrations of lead in ambient air

The relative significance of other pollutants will be discussed further in the discussion of the model for the new scenario.

10. New model

Having run the ADMS6 model ten times in order to determine the most appropriate meteorological data, which was then used to produce the baseline model described in section 9, the selected model was run once again with additional pollutants that may be anticipated to be present should additional secondary raw materials be accepted in line with those applied for in this variation application.

These pollutants included those identified in the application's waste acceptance criteria as being tolerable contaminants in incoming metallic wastes streams, and those having associated air quality limits or target values in the Air Quality Standards Regulations 2010 and published Environment Agency air emissions risk assessment guidance.

There was some discussion between the Environment Agency and the applicant over the appropriate pollutants to select, and the emissions concentrations to be used when compiling the model.

The two BRM rotary furnaces already process similar secondary raw materials to those applied for in this application, albeit these arise within the installation's existing lead refinery and, as such, never become controlled waste.

The rotary furnaces are operated in accordance with BAT, with slag-forming additions added to the furnace burden to draw contaminants into the slag rather than emitting them up the stack in the waste gas, therefore the BAT-AELs for these pollutants in the standard Waste Incineration BREF are not directly applicable to this type of process.

The BAT-AELs and indicative emission levels included in the secondary lead production sections of the Non-Ferrous Metals BREF were agreed to represent the most appropriate concentrations to select where they are available.

The pollutants determined to be of relevance to this application are:

- Lead
- Arsenic
- Antimony
- Cadmium
- Copper
- Zinc
- Bismuth
- Tin
- Nickel
- Manganese
- PCDD/PCDF (I-TEQ) , due to the potential for organic content or halogenated compounds in accepted waste
- VOC (as C), due to the potential for organic content in accepted waste

The proposed addition of new waste codes to the permit will not affect the operation of the installation's various combustion flues, so NO_x, SO₂ and PM₁₀ from these stacks would not be expected to change. PM₁₀ and CO have also already been screened out as insignificant at the baseline modelling stage.

Silver has not been modelled due to the lack of an associated air quality target value and the very low levels identified in the baseline modelling.

The only emissions liable to change as a result of the new S2.2 (A)1(a) activity are those at A7 (the main stack serving the Sb Rotary furnace's process and hygiene baghouses) and A4-A6 (three smaller stacks that emit the airstream from the Ag rotary furnace alongside secondary ventilation and process extraction air from the main lead refinery building.)

A4-A7 are already subject to monitoring under the current permit, which has been used to provide the expected emissions concentrations. However, bismuth, tin, nickel and manganese will be new pollutants that have not been previously monitored at these stacks. VOCs and dioxins and furans also need to be considered at A4-A6 for the first time.

10.1. Emission concentration source data

The operations affected by the addition of a new Section 2.2 A(1)(a) *producing non-ferrous metal* activity are restricted to those involving BRM's two rotary furnaces. These already produce non-ferrous metal from internally arising process dusts and other residues, and operate in accordance with BAT, including bag filters and slag-forming additions to maximise the migration of contaminants to slag rather than the waste gas stream.

The Ag rotary furnace, which will be principally used to process materials where there is an opportunity for silver recovery, discharges to an air stream shared with other extraction systems such as the main ISA lead refinery secondary ventilation system and kettle hoods. These combined air streams are treated via three parallel bag filters within the main baghouse, which exhaust separately through A4, A5 and A6.

It is anticipated that new limits corresponding to the NFM BAT-AELs will be applied to these stacks. The new model has therefore been populated with emission rates corresponding to these BAT-AEL concentration limits and the maximum measured airflow rates in the period 2020-2024. This was done for lead, VOCs and dioxins & furans.

Arsenic, antimony, cadmium, copper and zinc do not have BAT-AELs specified within the BREF. However, BRM has been monitoring these parameters and the model has used the maximum emission concentrations and flow rates recorded for these pollutants during the 2020-2024 period. It is not anticipated that these concentrations would increase through the acceptance of new materials, as the primary function of the activity is to manufacture metal that meets BRM's quality standards for its alloys. The same quality standards will apply to feedstock and furnace burdens as apply to the current secondary materials arising within BRM's installation.

Nickel, bismuth, tin and manganese are new pollutants that have not been monitored at the installation previously. Therefore, it is necessary to derive sensible emission rates for these. As nickel has an associated Air Quality Objective, a higher emission rate has been selected for this model, which is equivalent to the highest trace metal concentration seen in any of BRM's air emissions monitoring in the past five years. Bismuth, tin and manganese are less critical pollutants and have been assigned values based on the average of all trace metals monitoring during the same period, doubled to give a conservative safety margin.

The same principles were applied at the A7 main stack, which serves the Sb rotary furnace, but using A7 monitoring data.

This information is summarised in Table 9.

Table 9: Source of emission concentration data used in the new model

Emission reference	Pollutant	Source of emission concentration data
A4-A6	Arsenic Antimony Cadmium Copper Zinc	Maximum monitored concentrations at each stack 2020-2024
	Lead Dioxins and furans VOC	BAT-AEL (NFM BREF)
	Nickel	Highest trace metal concentration seen in any stack monitoring (A7 zinc, August 2021)
	Bismuth Tin Manganese	Double of the mean trace metal concentration for all monitored compounds at A4-A6 excluding lead.
A7	Arsenic Antimony Cadmium Copper Zinc	Maximum monitored concentrations at A7 2020-2024
	Lead Dioxins and furans VOC	BAT-AEL (NFM BREF)
	Nickel	Highest trace metal concentration seen in any stack monitoring (A7 zinc, August 2021)
	Bismuth Tin Manganese	Double of the mean trace metal concentration for all monitored compounds at A7 excluding lead.

10.2. New scenario modelling results

Lead in ambient air

In the new model, it has been assumed that the three main baghouse stacks A4-A6 will be continuously emitting lead at the BAT-AEL of 1 mg/m³. In reality, the highest monitoring result for lead recorded on any of these stacks was 0.14 mg/m³; but more commonly the result is around 0.05 mg/m³. This is not expected to change, so the model is considered to be extremely conservative with respect to lead emissions.

The greatest process contribution of lead at a human receptor was identified at Railway Street, where it is projected to reach 12.1% of the $0.25 \mu\text{g}/\text{m}^3$ air quality objective value; the predicted environmental concentration will reach 15.6% of this level.

The maximum long-term concentration identified by the model was $0.205 \mu\text{g}/\text{m}^3$, at a location 110 metres south-south-west of the main baghouse. This represents 82% of the air quality objective.

When the model was re-run using the mean values for lead monitored during 2020-2024, the PC at Railway Street was calculated to be just 2.6%, with a PEC of 6.1%. Given the conservative nature of the model, it is therefore possible to have confidence that the emissions of lead up to the BAT-AEL from all affected stacks will not result in pollution that results in failure to meet the air quality objective for lead.

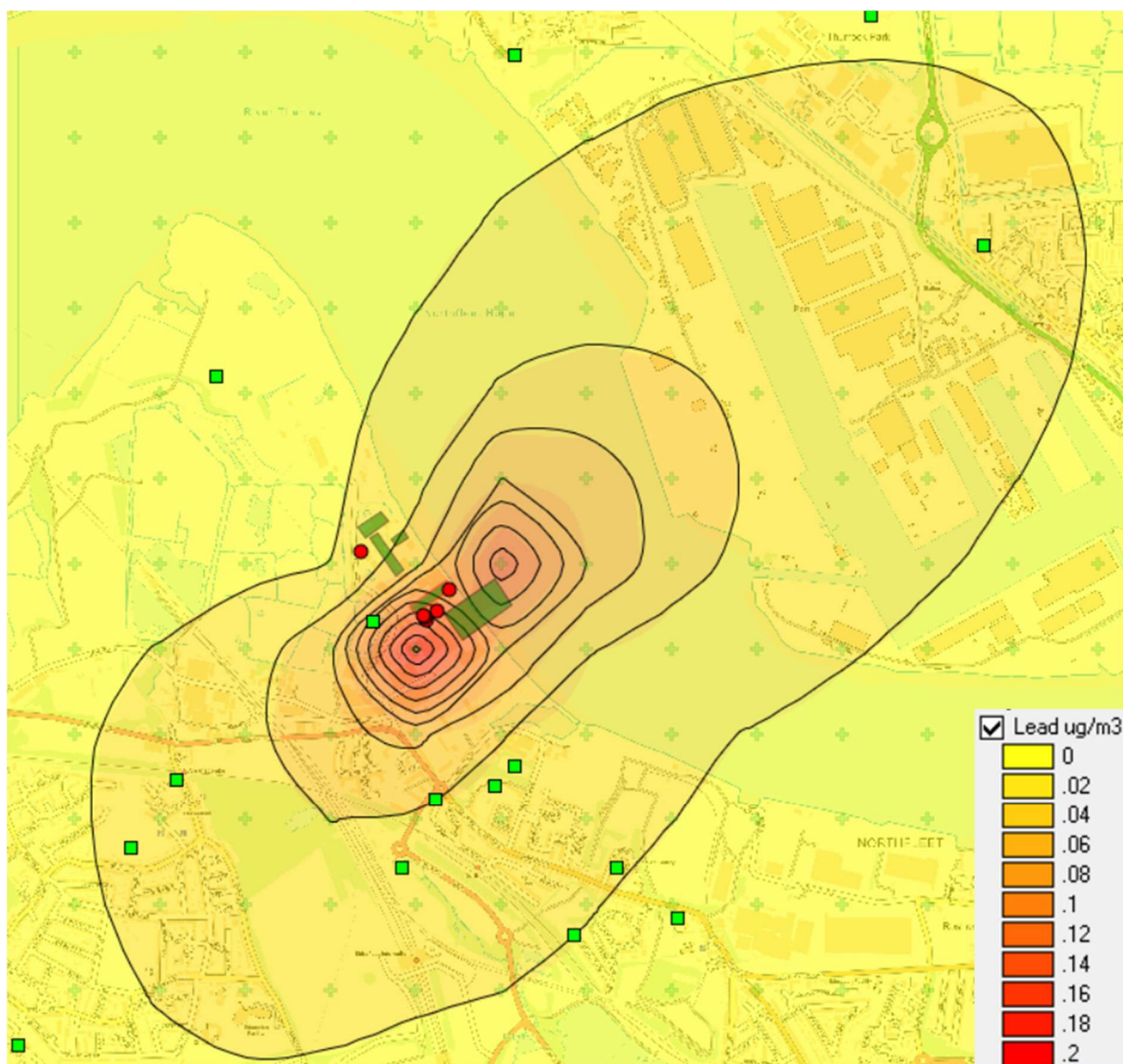


Figure 9: Long-term annual average lead concentrations projected by new model with lead at BAT-AEL levels on A4-A7

Lead deposition

Lead deposition is not significant at the Ebbsfleet Marshes or South Thames Marshes SSSIs, being well below 1% of the PC to ground limit of 1.1 mg/m²/day. However, it is identified as being significant at the eastern end of the newly designated Swanscombe Peninsula SSSI, immediately south of the installation, with a value of 1.85% of the PC to ground generated by the model. The locations further west within the SSSI are also much further below the 1% threshold.

This finding is due to the use of BAT-AELs as model inputs for lead at the four stacks. When the average of monitored values from 2020-2024 are used, the lead deposition projected at Swanscombe Peninsula SSSI A drops below the threshold at 0.646%.

This unit of the SSSI is identified as Fen, Marsh and Swamp that was in favourable condition when last assessed in 2021. The BRM installation has been present at its current location for nearly a century and it is likely that were the levels of lead deposition experienced by the unit to be a damaging factor to this habitat this would have been identified previously.

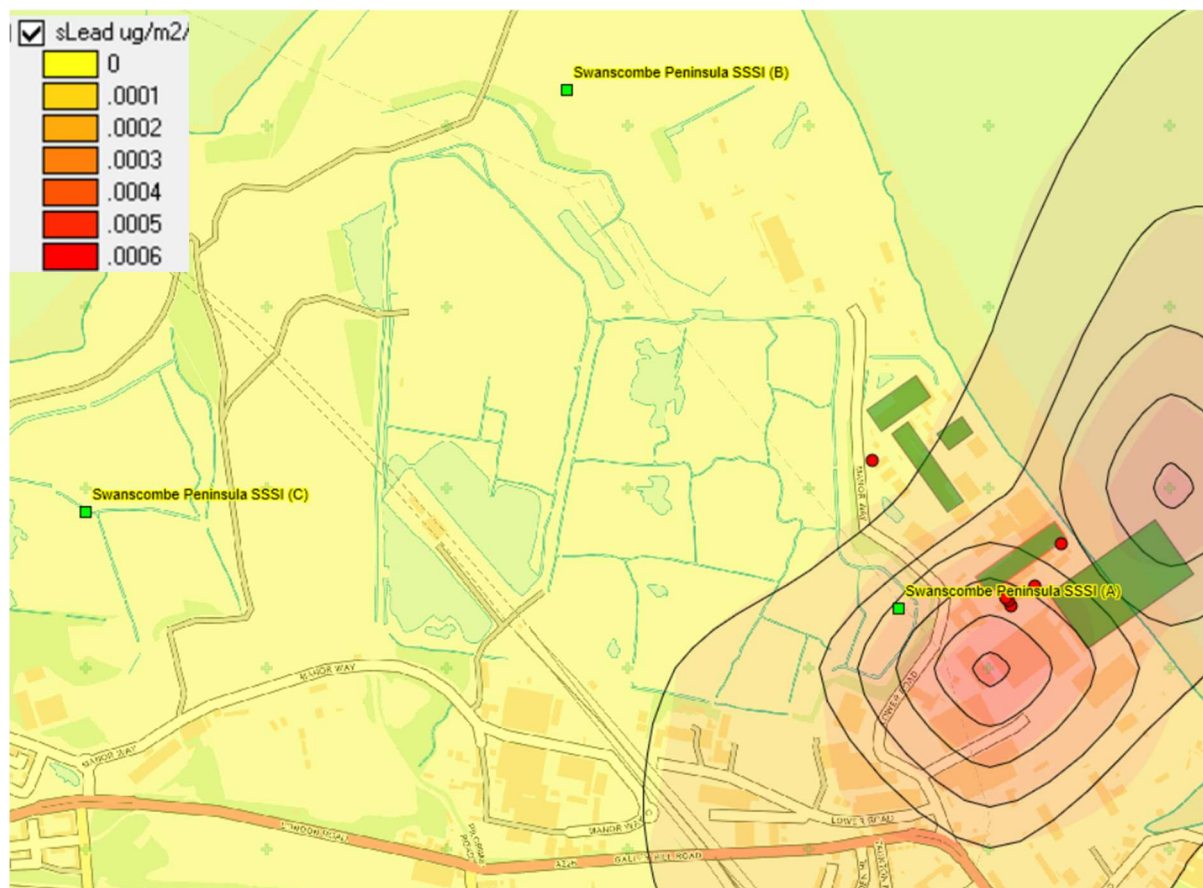


Figure 10: Areas of lead deposition around Swanscombe Peninsula SSSI, annual average values in $\mu\text{g}/\text{m}^2/\text{sec}$. Significant within outer black line.

Modelled outputs for lead in ambient air and deposition at all specified receptors is provided in Table 10.

Table 10: Model output for long-term concentrations of lead - ambient air and deposition

Specified points	Human					PC Significant?
Lead in ambient air (µg/m³)						Yes
	Limit	Objective	Background	Modelled LTConc	PC	PEC
Railway Street	0.5	0.25	0.008744286	0.0390282	12.1%	15.6%
Wallis Park	0.5	0.25	0.008744286	0.0347122	10.4%	13.9%
Grove Road FP	0.5	0.25	0.008744286	0.0343709	10.3%	13.7%
Sports Ground	0.5	0.25	0.008744286	0.0308407	8.8%	12.3%
Huntley Avenue	0.5	0.25	0.008744286	0.0202007	4.6%	8.1%
Vicarage	0.5	0.25	0.008744286	0.0174028	3.5%	7.0%
Melbourne Road	0.5	0.25	0.008744286	0.022533	5.5%	9.0%
Salix Road	0.5	0.25	0.008744286	0.0187588	4.0%	7.5%
Conway Gardens	0.5	0.25	0.008744286	0.0153993	2.7%	6.2%
Bexhill Drive	0.5	0.25	0.008744286	0.0102633	0.6%	4.1%
Alma Road	0.5	0.25	0.008744286	0.0253569	6.6%	10.1%
Alkerden Farm	0.5	0.25	0.008744286	0.0149187	2.5%	6.0%
Durrent Allotments	0.5	0.25	0.008744286	0.0163187	3.0%	6.5%
Grove Park	0.5	0.25	0.008744286	0.0217159	5.2%	8.7%
School Factory Road	0.5	0.25	0.008744286	0.0100619	0.5%	4.0%

Specified points	Ecological		
Lead deposition (mg/m²/d)			
	LT Total Deposition	Deposition limit	PC (%)
STE&M SSSI	0.000408	1.1	0.037%
Ebbsfleet Marshes	0.000387	1.1	0.035%
Swanscombe Peninsula SSSI (A)	0.020399	1.1	1.854%
Swanscombe Peninsula SSSI (B)	0.00105	1.1	0.096%
Swanscombe Peninsula SSSI (C)	0.00115	1.1	0.104%

Arsenic in ambient air

The arsenic emission rate selected for modelling was the highest identified during the site's 2020-2024 monitoring campaigns, which in all cases are routinely measured in micrograms per cubic metre of air. Arsenic has an air quality target of 6 ng/m³ as an annual mean.

Against this target, the emission from BRM could not be screened out as insignificant.

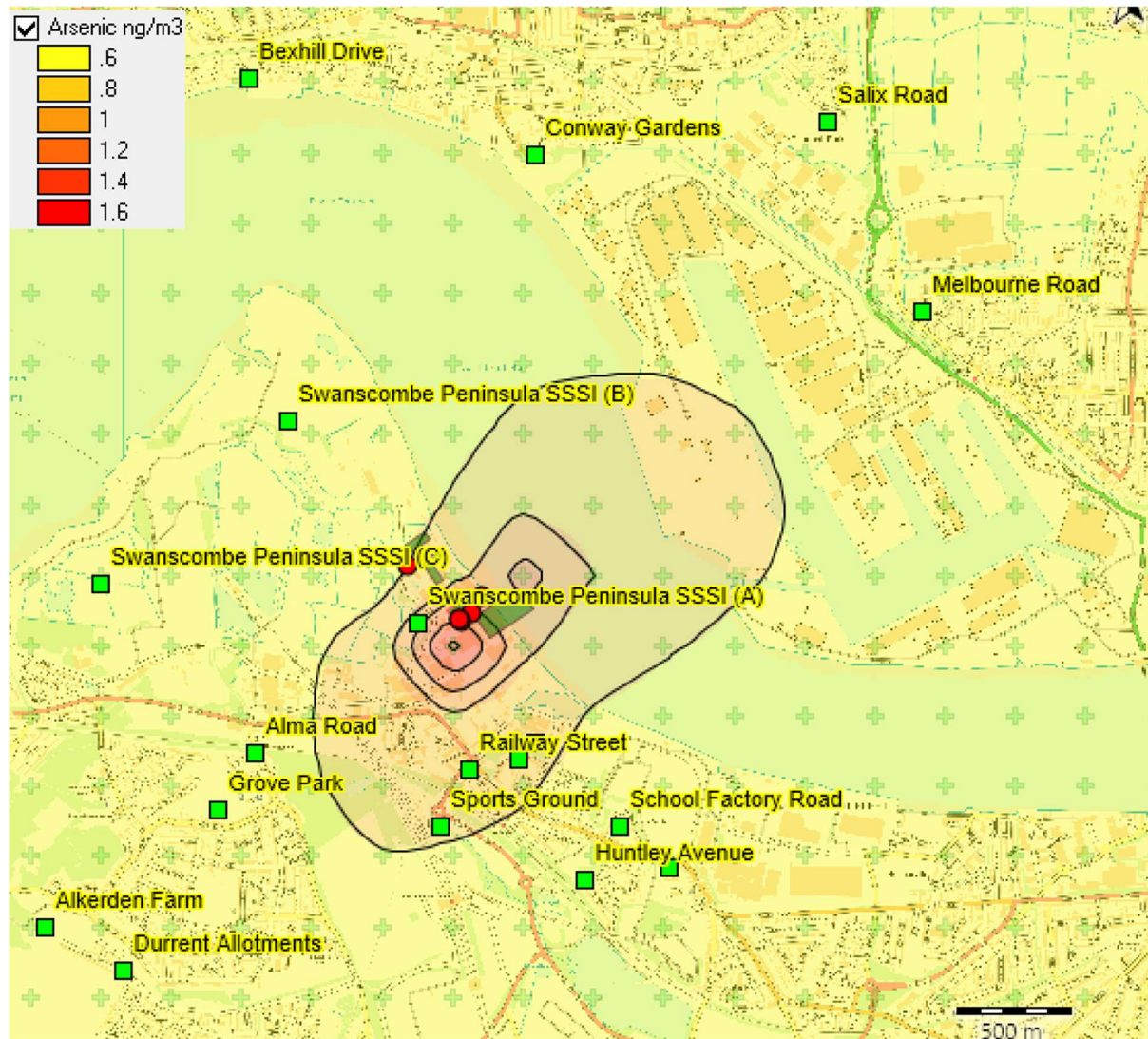


Figure 11: Long-term annual average arsenic concentrations projected by new model with arsenic at 2 x average trace metal emission concentrations at A4-A7

Once again, the location of highest modelled concentration was located approximately 110 metres south-south-west of the main baghouse. A value of 1.65 ng/m³ at that location represents 27.5% of the air quality objective. A receptors were modelled within the range of 12-15% of the objective value. This indicates that in the absence of other sources, it is unlikely the installation will lead to local ambient air arsenic levels approaching 6 ng/m³.

Given the conservative nature of the model, is it considered that the installation will not cause the air quality objective value to be exceeded. However, it will be appropriate to set emission limit values on the A4-A7 stacks to ensure this. Proposed emission limits are discussed in section 12 of this report.

Arsenic deposition

Similarly to lead, the area of highest deposition is at Swanscombe Peninsula Point A, immediately south of the installation boundary. However, the PC at this location was modelled to be 0.36% of the PC to ground limit, and so is deemed to be insignificant.

Table 11: Model output for long-term concentrations of arsenic - ambient air and deposition

Specified points	Human			PC Significant?	
Arsenic in ambient air (ng/m ³)				Yes	
	Target	Background	Modelled LTConc	PC	PEC
Railway Street	6	0.0007175	0.844998	14.1%	14.1%
Wallis Park	6	0.0007175	0.824479	13.7%	13.7%
Grove Road FP	6	0.0007175	0.820936	13.7%	13.7%
Sports Ground	6	0.0007175	0.808273	13.5%	13.5%
Huntley Avenue	6	0.0007175	0.762488	12.7%	12.7%
Vicarage	6	0.0007175	0.749886	12.5%	12.5%
Melbourne Road	6	0.0007175	0.761345	12.7%	12.7%
Salix Road	6	0.0007175	0.746792	12.4%	12.4%
Conway Gardens	6	0.0007175	0.738346	12.3%	12.3%
Bexhill Drive	6	0.0007175	0.722331	12.0%	12.0%
Alma Road	6	0.0007175	0.767474	12.8%	12.8%
Alkerden Farm	6	0.0007175	0.735242	12.2%	12.3%
Durrent Allotments	6	0.0007175	0.739956	12.3%	12.3%
Grove Park	6	0.0007175	0.75658	12.6%	12.6%
School Factory Road	6	0.0007175	0.761405	12.7%	12.7%

Specified points	Ecological		
Arsenic deposition (mg/m²/d)			
	LT Total Deposition	Deposition limit	PC (%)
STE&M SSSI	0.000001728	0.02	0.01%
Ebbsfleet Marshes	0.000001728	0.02	0.01%
Swanscombe Peninsula SSSI (A)	0.000071712	0.02	0.36%
Swanscombe Peninsula SSSI (B)	0.000003456	0.02	0.02%
Swanscombe Peninsula SSSI (C)	0.000002592	0.02	0.01%

Cadmium in ambient air

Whilst the short-term concentrations generated by the model are well below the 10 ng/m³ short-term (24hr) EAL, the modelled PC results exceeded 1% of the annual AQ target value, and so are deemed significant.

Given the conservative nature of the model, it is considered that the installation will not cause the air quality objective value to be exceeded. However, it will be appropriate to set emission limit values on the A4-A7 stacks to ensure this. Proposed emission limits are discussed in section 12 of this report.

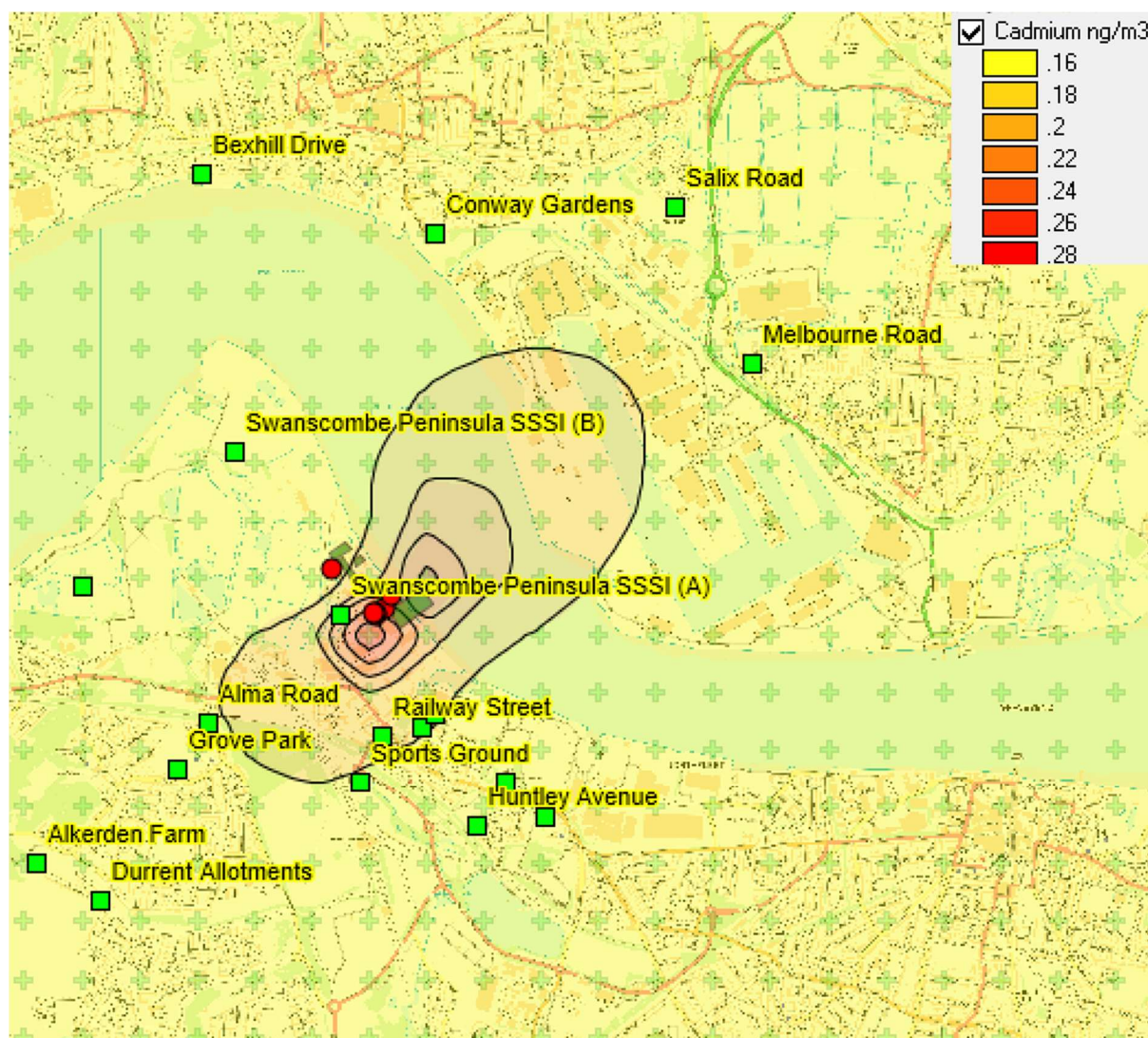


Figure 12: : Long-term annual average cadmium concentrations projected by new model with cadmium at 2 x average trace metal emission concentrations at A4-A7

Cadmium deposition

The deposition of cadmium resulting from the installation does not exceed 1% of the PC to ground at any ecological receptor. This pollutant has been screened out as insignificant.

Table 12: Model output for long-term concentrations of cadmium - ambient air and deposition

Specified points	Human							PC Significant?	
Cadmium in ambient air (ng/m ³)								Yes	
	Target	ST EAL	Background	Modelled LTConc	LT PC	LT PEC	Modelled STConc	ST PC	ST PEC
Railway Street	5	30	0.000162457	0.183286	3.66%	3.67%	0.801607	2.671%	2.672%
Wallis Park	5	30	0.000162457	0.180694	3.61%	3.61%	0.661384	2.204%	2.205%
Grove Road FP	5	30	0.000162457	0.180367	3.60%	3.61%	0.705267	2.350%	2.351%
Sports Ground	5	30	0.000162457	0.177869	3.55%	3.56%	0.719255	2.396%	2.398%
Huntley Avenue	5	30	0.000162457	0.171096	3.42%	3.42%	0.475273	1.583%	1.584%
Vicarage	5	30	0.000162457	0.16906	3.38%	3.38%	0.49342	1.644%	1.645%
Melbourne Road	5	30	0.000162457	0.174229	3.48%	3.48%	0.367906	1.225%	1.226%
Salix Road	5	30	0.000162457	0.172269	3.44%	3.45%	0.323449	1.077%	1.078%
Conway Gardens	5	30	0.000162457	0.169134	3.38%	3.38%	0.408108	1.359%	1.360%
Bexhill Drive	5	30	0.000162457	0.163945	3.28%	3.28%	0.411822	1.372%	1.373%
Alma Road	5	30	0.000162457	0.178463	3.57%	3.57%	0.586717	1.955%	1.956%
Alkerden Farm	5	30	0.000162457	0.168803	3.37%	3.38%	0.422168	1.406%	1.407%
Durrent Allotments	5	30	0.000162457	0.169971	3.40%	3.40%	0.401853	1.338%	1.340%
Grove Park	5	30	0.000162457	0.175169	3.50%	3.50%	0.535114	1.783%	1.784%
School Factory Road	5	30	0.000162457	0.171054	3.42%	3.42%	0.575442	1.917%	1.918%

Specified points	Ecological		
Cadmium deposition (mg/m ² /d)			
	LT Total Deposition	Deposition limit	PC (%)
STE&M SSSI	0.000001728	0.009	0.02%
Ebbsfleet Marshes	0.000001728	0.009	0.02%
Swanscombe Peninsula SSSI (A)	0.000012096	0.009	0.13%
Swanscombe Peninsula SSSI (B)	0.000000864	0.009	0.01%
Swanscombe Peninsula SSSI (C)	0.000001728	0.009	0.02%

Nickel in ambient air

The maximum concentration of nickel predicted by the model is 13.58 ng/m³ as an annual mean, which is 67.9% of the annual air quality objective value of 20 ng/m³. This is at the industrial location 110 metres south-south-west of the A4-A6 main baghouse.

At the most impacted specified human receptor, Railway Street, this PEC value is 9.85, or 49.3% of the objective value. The PC 1% of target value threshold was exceeded at all specified human receptors except for Bexhill Drive, northwest of the site on the north bank of the Thames.

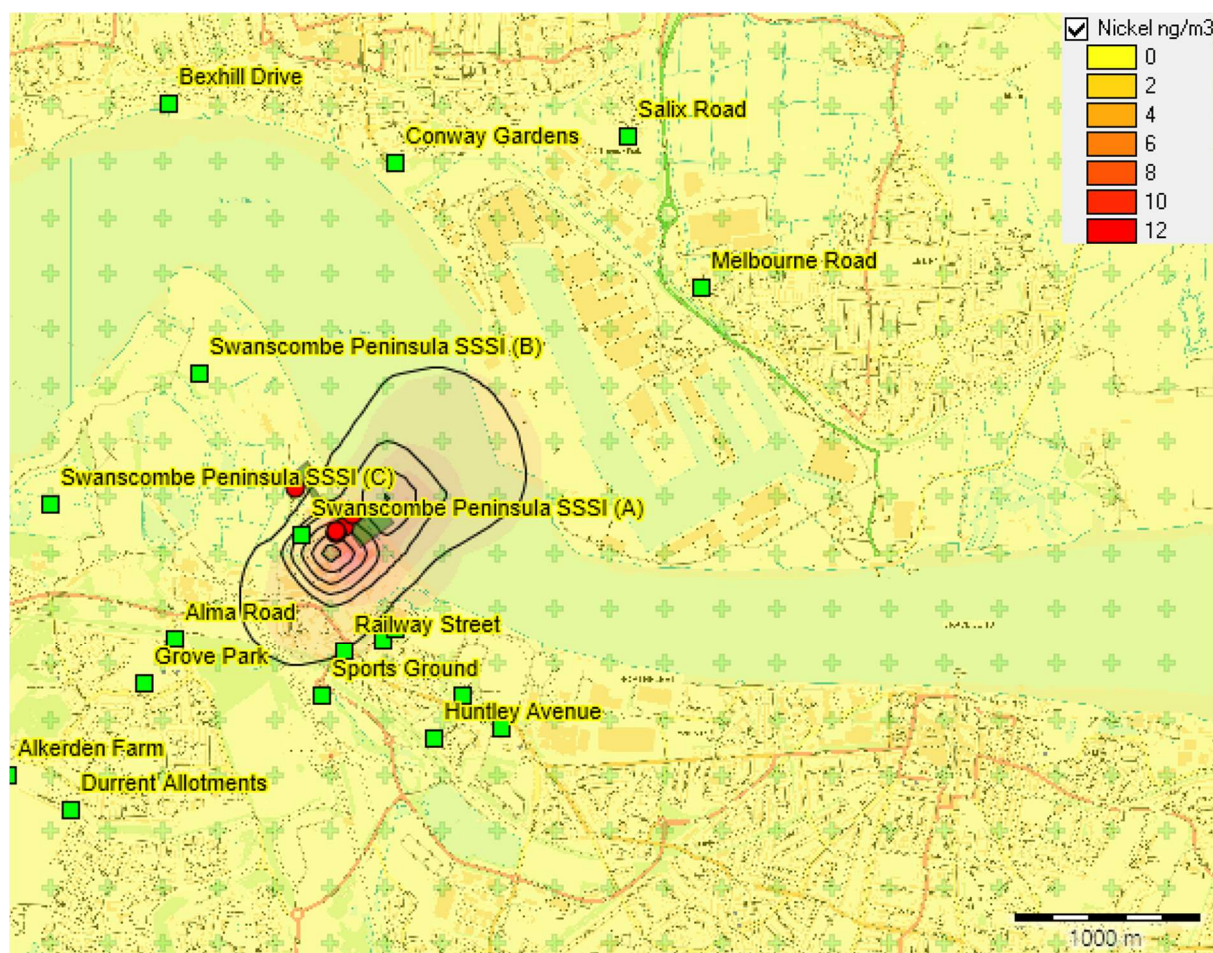


Figure 13: Long-term annual concentration of nickel in ambient air

Given the conservative nature of the model, it is considered that the results of the model show that the installation will not cause the air quality objective value to be exceeded. The conservative nature of the model with regards to nickel is discussed further in section 11.4. However, it will be appropriate to set emission limit values on the A4-A7 stacks to ensure this. Proposed emission limits are discussed in section 12 of this report.

Nickel deposition

The deposition of nickel resulting from the installation just exceeds 1% of the PC to ground at the nearby Swanscombe Peninsula A location, with a modelled deposition of 1.01%.

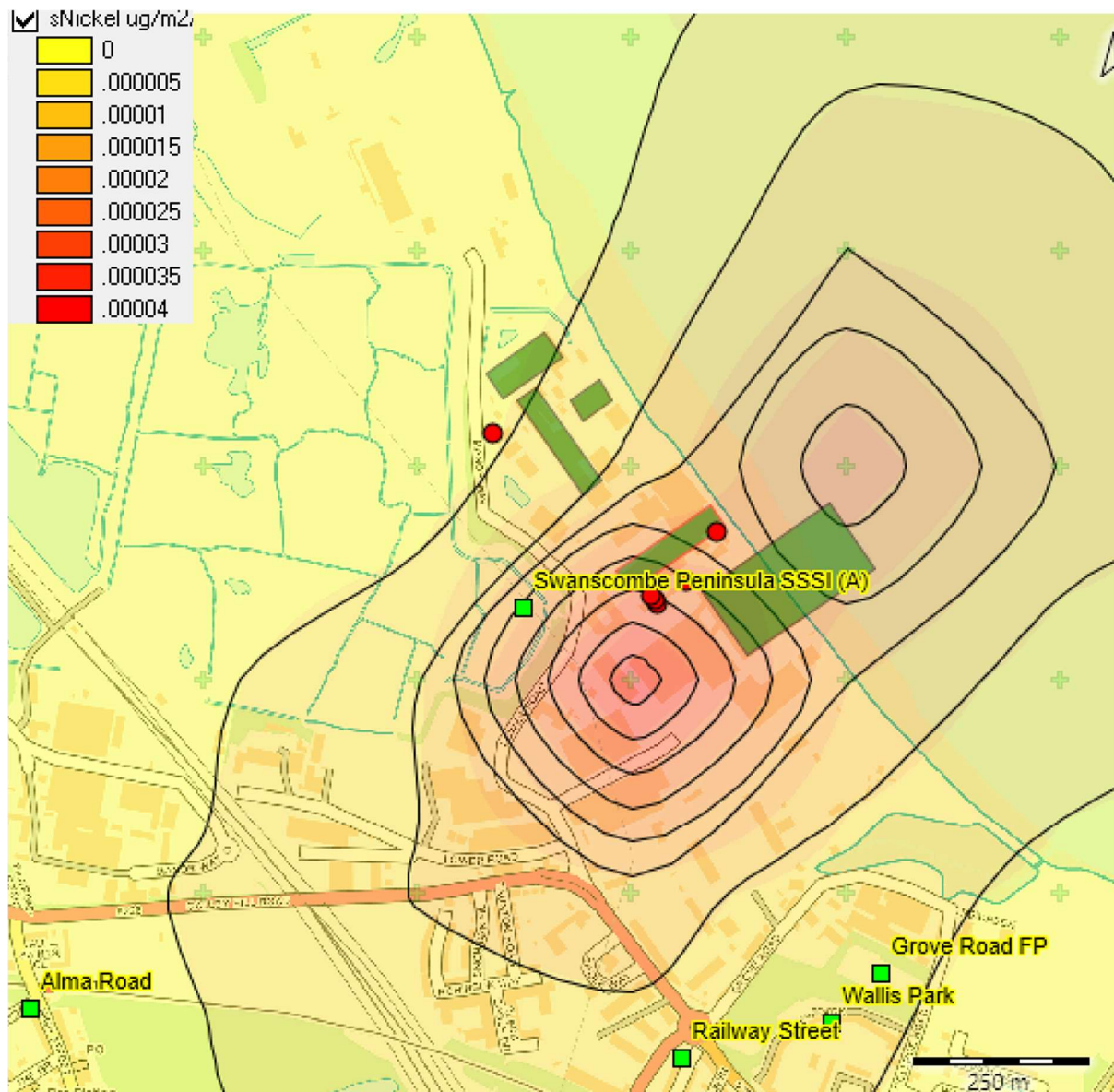


Figure 14: Areas of nickel deposition around Swanscombe Peninsula SSSI, annual average values in $\mu\text{g}/\text{m}^2/\text{sec}$. Significant within $0.000015 \mu\text{g}/\text{m}^2/\text{s}$ black line intersecting the Swanscombe A receptor.

Nickel was input to the model at the maximum trace metal concentration and is considered unlikely to reach this level on a regular basis, though this is subject to future monitoring. Given that the model is based on continuous operation, whereas the rotary furnaces do not run for the entirety of the year, it is deemed unlikely that this pollutant is truly significant. Nickel is a dense particle and will settle out faster than the assumed by the ADMS6 default values.

Table 13: Model output for long-term concentrations of nickel - ambient air and deposition

Specified points	Human			PC Significant?	
Nickel in ambient air (ng/m³)				Yes	
	Target	Background	Modelled LTConc	PC	PEC
Railway Street	20	No data	1.9702	9.851%	9.851%
Wallis Park	20	No data	1.67385	8.369%	8.369%
Grove Road FP	20	No data	1.61882	8.094%	8.094%
Sports Ground	20	No data	1.4135	7.068%	7.068%
Huntley Avenue	20	No data	0.728736	3.644%	3.644%
Vicarage	20	No data	0.531423	2.657%	2.657%
Melbourne Road	20	No data	0.780839	3.904%	3.904%
Salix Road	20	No data	0.586688	2.933%	2.933%
Conway Gardens	20	No data	0.409718	2.049%	2.049%
Bexhill Drive	20	No data	0.0923316	0.462%	0.462%
Alma Road	20	No data	0.974271	4.871%	4.871%
Alkerden Farm	20	No data	0.363859	1.819%	1.819%
Durrent Allotments	20	No data	0.447302	2.237%	2.237%
Grove Park	20	No data	0.764025	3.820%	3.820%
School Factory Road	20	No data	0.711019	3.555%	3.555%

Specified points	Ecological		
Nickel deposition (mg/m ² /d)			
	LT Total Deposition	Deposition limit	PC (%)
STE&M SSSI	0.00002592	0.11	0.02%
Ebbsfleet Marshes	0.000025056	0.11	0.02%
Swanscombe Peninsula SSSI (A)	0.001108512	0.11	1.01%
Swanscombe Peninsula SSSI (B)	0.000063072	0.11	0.06%
Swanscombe Peninsula SSSI (C)	0.000067392	0.11	0.06%

Volatile organic compounds (VOCs) as C

VOCs could potentially arise if organic compounds are present in the secondary raw materials accepted at the installation, for example plastics attached to metals from waste recycling processes. The nature of any such VOCs is unknown so the target value for benzene has been assumed, in accordance with the Environment Agency's guidance.

Previous monitoring for VOCs at the A7 stack has shown that BRM's emissions from the Sb rotary furnace are generally in the range of 1.5 – 2.5 mg/m³, though 4.6 mg/m³ was once measured. The model input of the BAT-AEL of 40 mg/m³ is therefore considered to be extremely conservative.

The maximum concentration of VOC predicted by the model is 7.65 µg/m³ as an annual mean, which is more than 50% greater than the 5 µg/m³ limit for benzene. This is at the industrial location 110 metres south-south-west of the A4-A6 main baghouse.

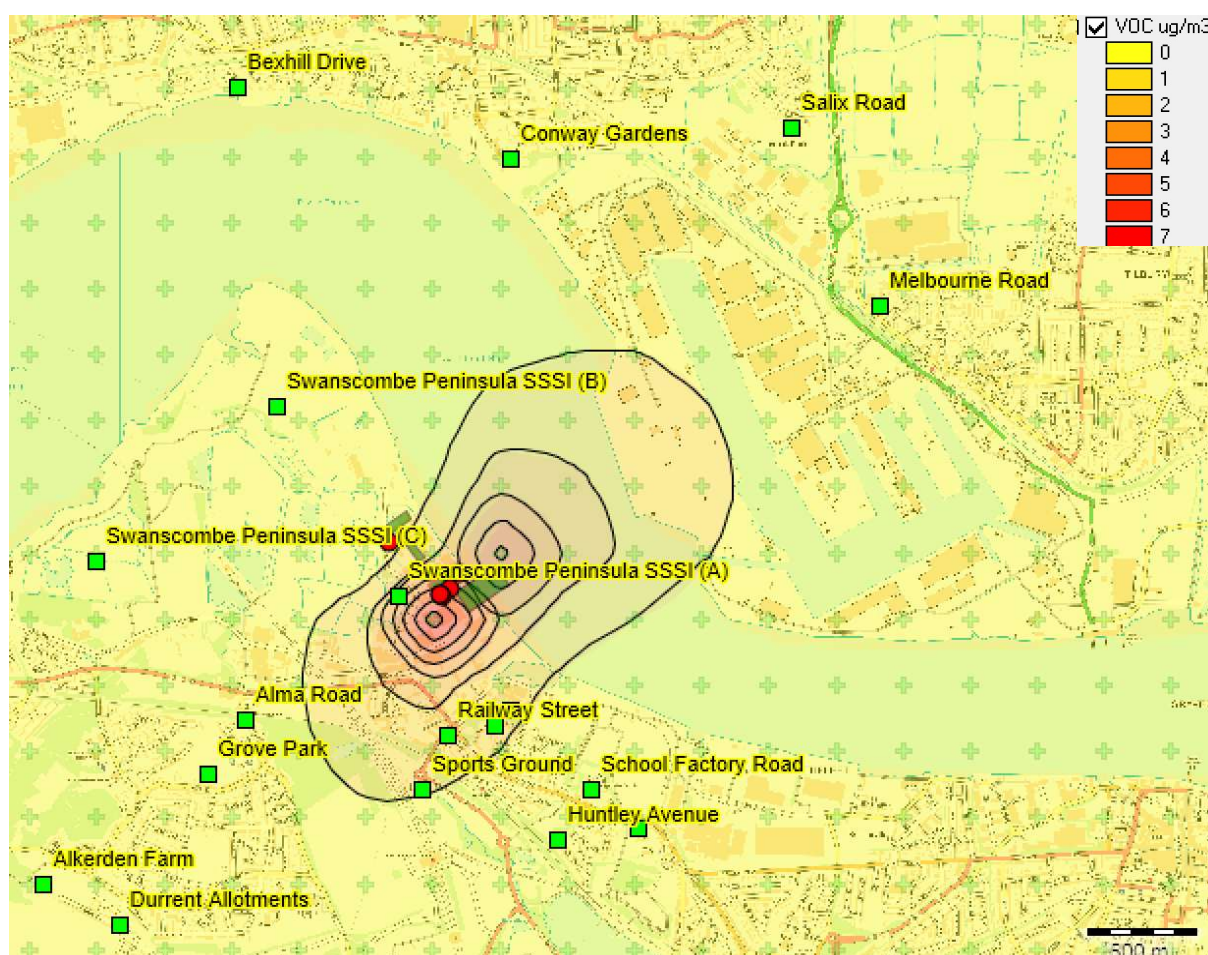


Figure 15: Long-term annual concentration of VOC in ambient air (µg/m³)

At the most impacted specified human receptor, Railway Street, this PEC value is 27.8% of the target value. The PC 1% of target value threshold was exceeded at all specified human receptors. It will be appropriate to set emission limit values on the A4-A7 stacks to ensure that VOC concentrations in the locality remain below the target level. Future work to

characterise the nature of any VOCs present could be undertaken by the operator, as the air quality standard of 5 µg/m³ only applies to benzene, which is potentially not going to be the entirety of VOC generated by the combustion of plastics.

Given the conservative nature of the model, is it considered that the results of the model show that the installation will not cause the air quality objective value to be exceeded. However, it will be appropriate to set emission limit values on the A4-A7 stacks to ensure this.

VOC deposition

There is no published limit for VOC deposition to ground.

Table 14: Model output for long-term concentrations of VOCs in ambient air

Specified points	Human				PC Significant?
VOCs in ambient air (µg/m³)					Yes
	Target	Background	Modelled LTConc	PC	PEC
Railway Street	5	No data	1.38924	27.785%	27.785%
Wallis Park	5	No data	1.15871	23.174%	23.174%
Grove Road FP	5	No data	1.10622	22.124%	22.124%
Sports Ground	5	No data	1.00643	20.129%	20.129%
Huntley Avenue	5	No data	0.526346	10.527%	10.527%
Vicarage	5	No data	0.387773	7.755%	7.755%
Melbourne Road	5	No data	0.554359	11.087%	11.087%
Salix Road	5	No data	0.415001	8.300%	8.300%
Conway Gardens	5	No data	0.285619	5.712%	5.712%
Bexhill Drive	5	No data	0.0657873	1.316%	1.316%
Alma Road	5	No data	0.632331	12.647%	12.647%
Alkerden Farm	5	No data	0.24479	4.896%	4.896%
Durrent Allotments	5	No data	0.303935	6.079%	6.079%
Grove Park	5	No data	0.501208	10.024%	10.024%
School Factory Road	5	No data	0.062817	1.256%	1.256%

Other parameters

The following parameters were screened out as insignificant due to below the 1% PC threshold for ambient air or deposition to ground, or due to no air quality targets or other limits existing:

- Antimony
- Copper
- Zinc
- Manganese
- Dioxins and furans
- Bismuth
- Tin.

The results of the modelling for these parameters is presented in the following tables.

Table 15: Model output for long-term concentrations of antimony - ambient air and deposition

Specified points	Human			PC Significant?			
Antimony in ambient air (µg/m³)				No			
	Target	ST	Background	Modelled LTConc	LT PEC	ST Conc	ST PEC
Railway Street	0.5	150	0	0.00009035	0.018%	0.0025043	0.00167%
Wallis Park	0.5	150	0	0.00007873	0.016%	0.00237052	0.00158%
Grove Road FP	0.5	150	0	0.00007895	0.016%	0.00247594	0.00165%
Sports Ground	0.5	150	0	0.00006658	0.013%	0.0020736	0.00138%
Huntley Avenue	0.5	150	0	0.00003443	0.007%	0.00126144	0.00084%
Vicarage	0.5	150	0	0.00002609	0.005%	0.00152613	0.00102%
Melbourne Road	0.5	150	0	0.000041	0.008%	0.000901239	0.00060%
Salix Road	0.5	150	0	0.00002787	0.006%	0.000666413	0.00044%
Conway Gardens	0.5	150	0	0.00001767	0.004%	0.00112529	0.00075%
Bexhill Drive	0.5	150	0	0.00000411	0.001%	0.000697754	0.00047%
Alma Road	0.5	150	0	0.00004702	0.009%	0.00191727	0.00128%
Alkerden Farm	0.5	150	0	0.00001679	0.003%	0.000809694	0.00054%
Durrent Allotments	0.5	150	0	0.000021	0.004%	0.000855655	0.00057%
Grove Park	0.5	150	0	0.00003624	0.007%	0.00154659	0.00103%
School Factory Road	0.5	150	0	0.00003504	0.007%	0.00190784	0.00127%
Ecological							
Antimony deposition (µg/m²/s)							
	LT Total Deposition	Deposition limit	PC (%)				
STE&M SSSI	0.00000001	NA	NA				
Ebbsfleet Marshes	0.00000001	NA	NA				
Swanscombe Peninsula SSSI (A)	0.00000008	NA	NA				
Swanscombe Peninsula SSSI (B)	0.00000003	NA	NA				
Swanscombe Peninsula SSSI (C)	0.00000003	NA	NA				

Table 16: Model output for long-term concentrations of copper - ambient air and deposition

Specified points	Human			PC Significant?	
Copper in ambient air (µg/m³)				No	
	Target	Background	Modelled LTConc	PC	PEC
Railway Street	0.05	0.007095714	0.00724363	0.30%	14.487%
Wallis Park	0.05	0.007095714	0.00722454	0.26%	14.449%
Grove Road FP	0.05	0.007095714	0.00722724	0.26%	14.454%
Sports Ground	0.05	0.007095714	0.00720635	0.22%	14.413%
Huntley Avenue	0.05	0.007095714	0.00715271	0.11%	14.305%
Vicarage	0.05	0.007095714	0.00714079	0.09%	14.282%
Melbourne Road	0.05	0.007095714	0.00717415	0.16%	14.348%
Salix Road	0.05	0.007095714	0.00714835	0.11%	14.297%
Conway Gardens	0.05	0.007095714	0.0071277	0.06%	14.255%
Bexhill Drive	0.05	0.007095714	0.00710271	0.01%	14.205%
Alma Road	0.05	0.007095714	0.00718366	0.18%	14.367%
Alkerden Farm	0.05	0.007095714	0.00712719	0.06%	14.254%
Durrent Allotments	0.05	0.007095714	0.00713477	0.08%	14.270%
Grove Park	0.05	0.007095714	0.00716352	0.14%	14.327%
School Factory Road	0.05	0.007095714	0.00715585	0.12%	14.312%

Specified points	Ecological		
Copper deposition (mg/m²/d)			
	LT Total Deposition	Deposition limit	PC (%)
STE&M SSSI	0.000001728	0.25	0.00%
Ebbsfleet Marshes	0.000001728	0.25	0.00%
Swanscombe Peninsula SSSI (A)	0.000130464	0.25	0.05%
Swanscombe Peninsula SSSI (B)	0.000005184	0.25	0.00%
Swanscombe Peninsula SSSI (C)	0.000005184	0.25	0.00%

Table 17: Model output for long-term concentrations of zinc - ambient air and deposition

Specified points	Human			PC Significant?	
Zinc in ambient air (µg/m³)				No	
	Target	Background	Modelled LTConc	PC	PEC
Railway Street	No limit	No data	0.0175453	No limit	No limit
Wallis Park	No limit	No data	0.0172251	No limit	No limit
Grove Road FP	No limit	No data	0.0172133	No limit	No limit
Sports Ground	No limit	No data	0.0169031	No limit	No limit
Huntley Avenue	No limit	No data	0.0160559	No limit	No limit
Vicarage	No limit	No data	0.0158287	No limit	No limit
Melbourne Road	No limit	No data	0.016264	No limit	No limit
Salix Road	No limit	No data	0.0159462	No limit	No limit
Conway Gardens	No limit	No data	0.0156614	No limit	No limit
Bexhill Drive	No limit	No data	0.0152439	No limit	No limit
Alma Road	No limit	No data	0.0164992	No limit	No limit
Alkerden Farm	No limit	No data	0.0156305	No limit	No limit
Durrent Allotments	No limit	No data	0.0157468	No limit	No limit
Grove Park	No limit	No data	0.0161957	No limit	No limit
School Factory Road	No limit	No data	0.0160646	No limit	No limit

Specified points	Ecological		
Zinc deposition (mg/m²/d)			
	LT Total Deposition	Deposition limit	PC (%)
STE&M SSSI	3.30451E-05	0.48	0.01%
Ebbsfleet Marshes	3.14344E-05	0.48	0.01%
Swanscombe Peninsula SSSI (A)	0.001681344	0.48	0.35%
Swanscombe Peninsula SSSI (B)	8.65814E-05	0.48	0.02%
Swanscombe Peninsula SSSI (C)	9.40274E-05	0.48	0.02%

Table 18: Model output for long-term concentrations of manganese in ambient air

Specified points	Human				PC Significant?
Manganese in ambient air (µg/m³)					No
	Target	Background	Modelled LTConc	PC	PEC
Railway Street	15	No data	0.00006481	0.00043%	0.00043%
Wallis Park	15	No data	0.00005506	0.00037%	0.00037%
Grove Road FP	15	No data	0.00005325	0.00036%	0.00036%
Sports Ground	15	No data	0.00004649	0.00031%	0.00031%
Huntley Avenue	15	No data	0.00002397	0.00016%	0.00016%
Vicarage	15	No data	0.00001748	0.00012%	0.00012%
Melbourne Road	15	No data	0.00002568	0.00017%	0.00017%
Salix Road	15	No data	0.0000193	0.00013%	0.00013%
Conway Gardens	15	No data	0.00001348	0.00009%	0.00009%
Bexhill Drive	15	No data	0.00000304	0.00002%	0.00002%
Alma Road	15	No data	0.00003205	0.00021%	0.00021%
Alkerden Farm	15	No data	0.00001197	0.00008%	0.00008%
Durrent Allotments	15	No data	0.00001471	0.00010%	0.00010%
Grove Park	15	No data	0.00002513	0.00017%	0.00017%
School Factory Road	15	No data	0.00000266	0.00002%	0.00002%

Table 19: Miscellaneous parameters with no air quality limits

Specified points	Human		
	PCDD/Fs in ambient air (ng/m³)	Bismuth in ambient air (µg/m³)	Tin in ambient air (µg/m³)
	Modelled LTConc	Modelled LTConc	Modelled LTConc
Railway Street	2.85264E-06	0.00006481	0.00006481
Wallis Park	2.43698E-06	0.00005506	0.00005506
Grove Road FP	2.3877E-06	0.00005325	0.00005325
Sports Ground	2.06865E-06	0.00004649	0.00004649
Huntley Avenue	1.06992E-06	0.00002397	0.00002397
Vicarage	7.98951E-07	0.00001748	0.00001748
Melbourne Road	1.23918E-06	0.00002568	0.00002568
Salix Road	9.10105E-07	0.0000193	0.0000193
Conway Gardens	6.1501E-07	0.00001348	0.00001348
Bexhill Drive	1.39725E-07	0.00000304	0.00000304
Alma Road	1.5097E-06	0.00003205	0.00003205
Alkerden Farm	5.6209E-07	0.00001197	0.00001197
Durrent Allotments	6.89985E-07	0.00001471	0.00001471
Grove Park	1.18052E-06	0.00002513	0.00002513
STE&M SSSI	1.21578E-07	0.00000266	0.00000266
Ebbsfleet Marshes	1.15891E-07	0.00000254	0.00000254
School Factory Road	1.06547E-06	0.00002339	0.00002339
Swanscombe Peninsula SSSI (A)	5.84276E-06	0.00012109	0.00012109
Swanscombe Peninsula SSSI (B)	3.28847E-07	0.00000698	0.00000698
Swanscombe Peninsula SSSI (C)	3.26437E-07	0.00000691	0.00000691

11. Sensitivity analysis

As previously mentioned, the primary model used to generate the findings of this risk assessment has been based on a number of assumptions.

In order to establish whether any of these assumptions are having undue bearing on the model's findings, further models were run with alternative impact factors. In this section, the key differences between these models have been identified and discussed.

The following alternative scenarios have been modelled:

Primary model:	The model described in section 11
Scenario 2:	The primary model, with lead emissions equated to mean monitored values rather than the BAT-AEL of 1 mg/m ³
Scenario 3:	The primary model, using alternative meteorological data from Manston airfield in 2023, a different weather station to the primary model.
Scenario 4:	The primary model, using a different emission flow rate on A4-A6.
Scenario 5:	The primary model, with nickel at the mean trace metal value rather than the higher value used in the primary dataset.

The model has only been re-run for those pollutants identified as significant by the primary model, namely:

- Lead (ambient air and deposition)
- Arsenic (ambient air)
- Cadmium (ambient air)
- Nickel (ambient air and deposition)
- VOCs (ambient air)

Scenario 2 was only re-run for lead values. Scenario 5 was only re-run for nickel values.

Due to the low-lying nature of the installation, it is not considered necessary to undertake sensitivity analysis with surface terrain, and building configuration has been carried forward from previous models. There are no other significant buildings in the vicinity that would meet the criteria for inclusion in the model.

There is potential to reduce the operating hours of the installation to examine the impact of this in local annual average concentrations for key pollutants but, as the future operating schedule of the installation is a matter that may require flexibility, it is deemed appropriate to retain full, continuous operation as a suitable scenario.

11.1. Scenario 2

This scenario tested the impact of adopting worst-case values for lead equivalent to maximum monitored values or, in cases where it is applied, the BAT-AEL of 1 mg/m³ upon this pollutant's significance within the model.

BRM's rotary furnaces already discharge waste gas from the processing of secondary raw materials similar to the wastes applied for in this application variation. However, environmental permits generally do not require operators to meet emission limits below the BAT-AEL. Historic monitoring data shows that the processes and abatement plant within the installation successfully achieve lead emissions far lower than this.

In this scenario, the model was re-run with all parameters the same except for the lead emission rates and flow rate, which was reduced the mean monitored flow rates rather than the maximum observed flow rate. The data was collected encompassing the period 2020-2024. The changes to input values are summarised in Table 20. These values are converted to a g/s emission rate for inputting into the ADMS6 model.

Table 20: Amended input parameters in Scenario 2

Emission point	Primary model Pb conc.(mg/ m ³)	Primary model Flow rate (m ³ /h)	Scenario 2 Pb conc. (mg/ m ³)	Scenario 2 Flow rate (m ³ /h)
A1	0.089	32455	0.030326	30008
A2	1	52888	0.35446	36970.8
A4	1	38367	0.02654	30990
A5	1	34677	0.04028	30540.4
A6	1	38762	0.060148	32550.4
A7	1	134510	0.0151375	121762.6

Table 21 compares the output from the two models. Using this real-world data, which is likely to more closely reflect the actual output of the installation, the emission of lead is now insignificant, with a PC of 0.639% at the nearby Railway Street receptor, rather than 12.1%.

This analysis shows that the selection of emission rates is of critical importance to the model, with the output for lead being reduced by a factor of nearly 20, when real-world data is applied. The inherent conservatism in the primary model is confirmed.

The primary model run also calculated that the deposition of lead at the Swanscombe Peninsula A (at the east of the adjacent SSSI) would be significant, comprising 1.85% of the PC to ground. With this revised input, lead ceases to be significant at this location, with a PC of 0.133%

Table 21: Comparison of lead output in ambient air between the primary model and Scenario 2 model run

Specified points	AQ Objective	Primary model LTConc	Primary model PC	Scenario 2 LTConc	Scenario 2 PC
Railway Street	0.25	0.0390282	12.1%	0.010342	0.639%
Wallis Park	0.25	0.0347122	10.4%	0.01014	0.558%
Grove Road FP	0.25	0.0343709	10.3%	0.010177	0.573%
Sports Ground	0.25	0.0308407	8.8%	0.009947	0.481%
Huntley Avenue	0.25	0.0202007	4.6%	0.00937	0.250%
Vicarage	0.25	0.0174028	3.5%	0.009246	0.201%
Melbourne Road	0.25	0.022533	5.5%	0.009631	0.355%
Salix Road	0.25	0.0187588	4.0%	0.009345	0.240%
Conway Gardens	0.25	0.0153993	2.7%	0.009109	0.146%
Bexhill Drive	0.25	0.0102633	0.6%	0.00883	0.034%
Alma Road	0.25	0.0253569	6.6%	0.009742	0.399%
Alkerden Farm	0.25	0.0149187	2.5%	0.009107	0.145%
Durrent Allotments	0.25	0.0163187	3.0%	0.009192	0.179%
Grove Park	0.25	0.0217159	5.2%	0.009515	0.308%
School Factory Road	0.25	0.0100619	0.5%	0.00941	0.266%

Background lead concentration for PC calculation: 0.008744286 µg/m³.

11.2. Scenario 3

This scenario tested the impact of selecting alternative meteorological data. The primary model was run with data from the 2021 Charlwood weather station near Gatwick airport, 51.53 km southwest of the installation close to Gatwick Airport.

Manston Airport's weather station, on the Kent coast 71 km ESE of the installation was selected for this sensitivity test. 2023 data was used, as this had provided the worst-case data for dioxins and furans in the original baselining assessments.

The significance of the choice of weather data to this assessment has been evaluated, with the results for significant pollutants derived from the two models documented in Table 22.

The modelled impact on receptors varies most greatly at the receptors closest to the installation, with variations of greater than 35% in the modelled lead concentrations and greater than 50% in modelled nickel and VOCs at the five Northfleet receptors closest to the site. Variations seem to be less for the other trace metals, but it is clear that the impact of meteorological data selection on those pollutants close to significance boundaries needs to be considered.

Following this review of the comparative model outputs, the choice of Charlwood 2021 meteorological data within the primary model seems to be appropriate given the potential impact of trace metal pollutants on air quality standards around the installation compared to other, more commonly modelled parameters like NO_x, SO₂ and PM₁₀. Charlwood 2021 data provided the highest modelled concentrations of these pollutants, and are considered a safe dataset to use for deriving future emission limit values.

Table 22: Comparison between model outputs for significant pollutions using alternative meteorological data

Specified points	Pr. model Lead (µg/m³)	Scen 3 Lead (µg/m³)	Pr. model Arsenic (ng/m³)	Scen 3 Arsenic (ng/m³)	Pr. model Cadmium (ng/m³)	Scen 3 Cadmium (ng/m³)	Pr. model Nickel (ng/m³)	Scen 3 Nickel (ng/m³)	Pr. model VOC (ng/m³)	Scen 3 VOC (ng/m³)
Railway Street	0.0390282	0.0219106	0.844998	0.76182	0.183286	0.172606	1.9702	0.731812	1.38924	0.499593
Wallis Park	0.0347122	0.020855	0.824479	0.755785	0.180694	0.172004	1.67385	0.6495	1.15871	0.448622
Grove Road FP	0.0343709	0.0221868	0.820936	0.760023	0.180367	0.173137	1.61882	0.723335	1.10622	0.49269
Sports Ground	0.0308407	0.0179069	0.808273	0.746915	0.177869	0.170075	1.4135	0.50925	1.00643	0.349837
Huntley Avenue	0.0202007	0.0135023	0.762488	0.731345	0.171096	0.166784	0.728736	0.259901	0.526346	0.179576
Vicarage	0.0174028	0.013344	0.749886	0.730433	0.16906	0.166897	0.531423	0.252599	0.387773	0.170687
Melbourne Road	0.022533	0.0165269	0.761345	0.736258	0.174229	0.170673	0.780839	0.412613	0.554359	0.281062
Salix Road	0.0187588	0.0147432	0.746792	0.730916	0.172269	0.169538	0.586688	0.330411	0.415001	0.220042
Conway Gardens	0.0153993	0.0144986	0.738346	0.731399	0.169134	0.168973	0.409718	0.32097	0.285619	0.215083
Bexhill Drive	0.0102633	0.0113128	0.722331	0.723953	0.163945	0.165308	0.0923316	0.145107	0.0657873	0.097038
Alma Road	0.0253569	0.0191489	0.767474	0.744856	0.178463	0.173776	0.974271	0.609714	0.632331	0.388281
Alkerden Farm	0.0149187	0.0121457	0.735242	0.726032	0.168803	0.166317	0.363859	0.19648	0.24479	0.128084
Durrent Allotments	0.0163187	0.0131124	0.739956	0.728414	0.169971	0.167484	0.447302	0.252843	0.303935	0.166223
Grove Park	0.0217159	0.0166436	0.75658	0.737903	0.175169	0.171344	0.764025	0.461885	0.501208	0.295752
School Factory Road	0.0202733	0.0148717	0.761405	0.735254	0.171054	0.168126	0.711019	0.335086	0.509975	0.226475
Mean difference		-25%		-4%		-2%		-42%		-45%

11.3. Scenario 4

The BRM main baghouse is rated to emit 136,000 m³/h of air via three stacks, A4, A5 and A6. This is equivalent to 37.78 m³/s.

In the primary model, efflux velocity from these three stacks has been assumed to be zero, as a result of the China hats installed above the emission points that serve to reduce dispersion.

The purpose of this sensitivity analysis is to establish whether making this assumption has had significant impact on the modelled concentrations, particularly in the immediate locality around the installation.

The ratio of flow volumes between A4, A5 and A6 is 10.2 : 9.9 : 9.0, which equates to flow volumes and notional velocities from these emissions as detailed in Table 23. The calculated flow velocity is based on a laminar flow, not accounting for the effects of friction within the emission.

Table 23: Main baghouse flow calculation

Emission point	Max flow rate (m ³ /s)	Stack area (m ²)	Flow velocity (m/s)
A4	13.2416953	2.9915	4.426440015
A5	12.85223368	3.1845	4.035871778
A6	11.6838488	3.2064	3.643914919

Running this variation to model will also inform whether there would be significant benefits from re-designing these emission points by removing the China hats in the future.

Having re-run the model, it is apparent that setting the main baghouse emission velocities to zero has a significant impact on the calculated emission concentrations across the study area. At the five human receptors most local to the installation, the modelled concentrations reduce by 27-43% for lead, 58-65% for nickel and 59-63% for VOCs. The impact on arsenic and cadmium concentrations is lower. The outputs from the model are presented in Table 24.

The real-world scenario is most likely some way between these two conditions, as the China hats will not eliminate all flow velocity from these large volume emission points. However, this could still represent a significant overestimate of the modelled values. It also indicates that the operator has the capability to make notable impacts on local air quality through engineering modifications to the main baghouse if this becomes necessary in the future.

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Table 24: Comparison between model outputs when main baghouse flow velocity is not set to zero

Specified points	Pr. model Lead (µg/m³)	Scen 4 Lead (µg/m³)	Pr. model Arsenic (ng/m³)	Scen 4 Arsenic (ng/m³)	Pr. model Cadmium (ng/m³)	Scen 4 Cadmium (ng/m³)	Pr. model Nickel (ng/m³)	Scen 4 Nickel (ng/m³)	Pr. model VOC (ng/m³)	Scen 4 VOC (ng/m³)
Railway Street	0.0390282	0.0221967	0.844998	0.758137	0.183286	0.173289	1.9702	0.691035	1.38924	0.472666
Wallis Park	0.0347122	0.0211264	0.824479	0.754762	0.180694	0.172621	1.67385	0.641414	1.15871	0.435711
Grove Road FP	0.0343709	0.0217615	0.820936	0.756459	0.180367	0.172872	1.61882	0.660585	1.10622	0.454856
Sports Ground	0.0308407	0.0194103	0.808273	0.749378	0.177869	0.171081	1.4135	0.544944	1.00643	0.375694
Huntley Avenue	0.0202007	0.0146483	0.762488	0.734027	0.171096	0.167797	0.728736	0.306824	0.526346	0.209286
Vicarage	0.0174028	0.0135741	0.749886	0.73035	0.16906	0.166784	0.531423	0.240492	0.387773	0.169275
Melbourne Road	0.022533	0.0188397	0.761345	0.742277	0.174229	0.172036	0.780839	0.500193	0.554359	0.355365
Salix Road	0.0187588	0.016267	0.746792	0.734479	0.172269	0.170784	0.586688	0.397342	0.415001	0.270197
Conway Gardens	0.0153993	0.0133539	0.738346	0.727831	0.169134	0.167919	0.409718	0.254293	0.285619	0.167492
Bexhill Drive	0.0102633	0.0097711	0.722331	0.719801	0.163945	0.163652	0.0923316	0.054931	0.0657873	0.03686
Alma Road	0.0253569	0.0219352	0.767474	0.749977	0.178463	0.176429	0.974271	0.71426	0.632331	0.472286
Alkerden Farm	0.0149187	0.0136361	0.735242	0.728772	0.168803	0.16804	0.363859	0.266395	0.24479	0.176363
Durrent Allotments	0.0163187	0.01465	0.739956	0.731615	0.169971	0.168978	0.447302	0.3205	0.303935	0.212753
Grove Park	0.0217159	0.0190324	0.75658	0.742805	0.175169	0.173575	0.764025	0.560114	0.501208	0.369507
School Factory Road	0.0202733	0.0150834	0.761405	0.734867	0.171054	0.16797	0.711019	0.316656	0.509975	0.221785
Mean difference		-22%		-4%		-2%		-45%		-46%

11.4. Scenario 5

Bismuth, tin, nickel and manganese have been identified as potential contaminants in incoming waste that could impact on the emissions from the rotary furnace stacks. These have not been assessed at the installation previously, and have not been subject to monitoring.

In order to model the potential significance of these parameters several assumptions were made. For bismuth, tin and manganese, it was considered that as these are metals of low consequence then it would be appropriate to model them based on the mean value of all trace metals monitored during the past five years of monitoring. This mean value was doubled, in order to introduce conservatism to the model. None of these metals were considered to be significant after running the primary model.

However, nickel was treated differently as an Air Quality Target value of 20 ng/m³ in ambient air is in place for this metal species, and a deposition limit is in place. The model was run based on the highest monitored trace metal value detected at any of the BRM stacks in the past five years (ignoring lead), which was a result of 0.076 mg/m³ recorded for zinc in 2021.

However, nickel is considered to be a contaminant in lead refining and manufacturing that is not desirable in a melting process, so BRM's metallurgical quality standards will seek to minimise the presence of nickel in furnace burden. That being said, nickel could potentially be delivered to the site in third-party wastes as a contaminant, so it is appropriate to include it in the risk assessment.

In this scenario, the model was amended to treat nickel like the other new pollutants, using the equivalent emission concentration values as bismuth, tin and manganese, as shown in Table 25.

Table 25: Amended input parameters in Scenario 5

Emission point	Primary model Ni conc.(mg/m ³)	Scenario 5 Ni conc. (mg/m ³)
A4	0.076	0.0025
A5	0.076	0.0025
A6	0.076	0.0025
A7	0.076	0.0025

When the model was run, the process contribution of nickel was found to be insignificant to both ambient air and deposition. As illustrated in

Table 26, the PC at the most impacted specified receptor drops from 9.85% to just 0.324% when this lower value is used.

At the ecological receptor Swanscombe Peninsula A, where a PC to ground of 1.01% of the deposition limit was deemed significant by the primary model, nickel deposition was seen to drop to just 0.03% of the limit.

Table 26: Comparison of nickel output in ambient air between the primary model and Scenario 5 model run

Specified points	AQ Objective	Primary model LTConc	Primary model PC	Scenario 5 LTConc	Scenario 5 PC
Railway Street	20	1.9702	9.851%	0.0648053	0.324%
Wallis Park	20	1.67385	8.369%	0.0550573	0.275%
Grove Road FP	20	1.61882	8.094%	0.0532471	0.266%
Sports Ground	20	1.4135	7.068%	0.0464938	0.232%
Huntley Avenue	20	0.728736	3.644%	0.02397	0.120%
Vicarage	20	0.531423	2.657%	0.0174799	0.087%
Melbourne Road	20	0.780839	3.904%	0.0256836	0.128%
Salix Road	20	0.586688	2.933%	0.0192975	0.096%
Conway Gardens	20	0.409718	2.049%	0.0134765	0.067%
Bexhill Drive	20	0.0923316	0.462%	0.00303699	0.015%
Alma Road	20	0.974271	4.871%	0.032046	0.160%
Alkerden Farm	20	0.363859	1.819%	0.0119681	0.060%
Durrent Allotments	20	0.447302	2.237%	0.0147128	0.074%
Grove Park	20	0.764025	3.820%	0.0251305	0.126%
School Factory Road	20	0.711019	3.555%	0.0233872	0.117%

No background data for nickel.

The impact on the model from this change has therefore been highly consequential, but it is recognised that an emission limit value for this parameter remains appropriate. Ongoing review of the actual nickel emission from the rotary stacks will inform future understanding of the risk to local air quality associated with exceedance of the nickel air quality objective.

12. Emission limit values

This variation application introduces the potential for new contaminants from third-party sources to enter the BRM installation through accepted wastes. Whereas internally arising reverts are well characterised and understood, there is a risk associated with accepting similar materials from other waste producers whose processes are not so well understood by the operator. BRM intends to manage this through its existing quality management process and the waste acceptance procedure submitted as part of this application.

Having completed this risk assessment and air quality modelling process, it is recognised that certain pollutants have the potential to impact upon local air quality in a way that could affect compliance with certain air quality standards.

Certain pollutants have associated BAT-AELs specified in the NFM sector BREF for secondary lead production and melting processes that can be applied through the permit; it is not appropriate to propose emission limits lower than a BAT-AEL. However, others do not.

The operator intends to propose new emission limits for these, based upon the primary model used to undertake this risk assessment. Emission limit values need only be applied to the stacks A4-A7, which deal with waste gas from the two rotary furnaces which are part of the new Section 2.2 A(1)(a) *producing non-ferrous metal* activity.

In discussions with the Environment Agency prior to the submission of this Schedule 5 response, it was agreed that new es for metals with associated AQS values will be proposed based on reverse modelling, looking at the emissions concentration which would result in a modelled ambient air concentration at 85% of the relevant AQS/EAL value at the most vulnerable relevant receptor, based on maximum recorded flows from stacks and taking account of existing background levels.

Table 27 contains an extract from the .MAX file for the model run, showing the locations most impacted by emissions from the installation within the study area. For all metals, this was the same location, as shown by the co-ordinates in the x and y columns.

Table 27: Maximum long-term average concentrations generated by the new model

Pollutant	Averaging period	Units	X(m)	Y(m)	Maximum value
Lead	1hr -	µg/m ³	561400	175200	0.20528
Arsenic	1hr -	ng/m ³	561400	175200	1.6502
Antimony	1hr -	µg/m ³	561400	175200	0.00055755
Cadmium	1hr -	ng/m ³	561400	175200	0.28018
Copper	1hr -	µg/m ³	561400	175200	0.0079693
Zinc	1hr -	µg/m ³	561400	175200	0.030111
PCDD/PCDF (I-TEQ)	1hr -	µg/m ³	561400	175200	1.8946E-08
Bismuth	1hr -	µg/m ³	561400	175200	0.0004467
Tin	1hr -	µg/m ³	561400	175200	0.0004467
Nickel	1hr -	ng/m ³	561400	175200	13.58
Manganese	1hr -	µg/m ³	561400	175200	0.0004467
VOC	1hr -	µg/m ³	561400	175200	7.6565

Following a review of the baseline model and the nature of potential changes to operations at BRM, the following pollutants were deemed to be of relevance to this new risk assessment:

- Lead
- Arsenic
- Antimony
- Cadmium
- Copper
- Zinc
- Bismuth
- Tin
- Nickel
- Manganese
- PCDD/PCDF (I-TEQ) , due to the potential for organic content or halogenated compounds in accepted waste
- VOC (as C), due to the potential for organic content in accepted waste

Of these, lead, arsenic, cadmium, nickel and VOCs were deemed to be of significance.

Lead, VOCs, as well as PCDD/PCDF (I-TEQ) are already subject to BAT-AELs. It is therefore proposed to apply these limits to A4-A6. They are already in place at A7.

The impacts from the emission of antimony, zinc and copper were deemed insignificant. These pollutants are already monitored at the installation, but it is considered that specific limits on these are unnecessary.

Bismuth, tin and manganese have also been deemed insignificant, due to the absence of any relevant air quality standards. Once again, it is considered that specific limits on emissions of these metals are unnecessary, though monitoring could be introduced to validate the assumed values used in modelling.

Arsenic, cadmium and nickel *have* been determined to be of significance, but have no associated BAT-AELs in the NFM BREF for lead production. It is for these parameters that the operator proposes new emission limits based on modelling.

12.1. Methodology for calculating emission limit values

Using the model developed for this risk assessment, input parameters equating to various potential emission limit values will be input for arsenic, cadmium and nickel at A4-A7. The model will be run with a single specified receptor, located at the co-ordinates of maximum concentration referenced in Table 27, which is located approximately 110 metres SSW of the main baghouse.

It is preferred to keep a common emission limit value across all four emission points, in order to simplify the permit. However, the model will be based on maximum flows monitored in the past five years at each individual stack. Therefore, the g/s emission from each source will appear different within the model.

The model will be re-run until ambient air concentrations of the pollutants at the worst-case location are 85% of the long-term air quality standard, objective or target value, as appropriate. From previous modelling runs it is apparent that short-term concentrations will not be relevant to this calculation. Given the inherent conservatism in the model, it is considered that emission limits set as this value will offer assurance that the installation will not impact significantly upon the air quality in the locality.

12.2. Run outputs

Run 1 is a baseline run using the original model inputs to determine PECs at the most impacted location. Where these input values differed between the four stacks, the highest value was used.

It was identified during Run 3 that a nickel emission limit of 0.09 mg/m³ at stacks A4-7 would result in an annual average concentration at 82.9% of the air quality objective for nickel at the worst-impacted location. This is proposed as the emission limit value for this pollutant. Nickel was not taken forward into Run 4.

Arsenic and cadmium were both modelled again during Run 4 at a proposed emission limit of 0.02 mg/m³. These results modelled ambient concentrations at the worst-impacted location of 73.5 and 77.1% of the target value. This is proposed as the emission limit value for these two parameters.

Table 28: ELV calculation run results

Run #	Pollutant	Model input concentration (mg/m ³)	AQ target value (ng/m ³)	Modelled concentration (ng/m ³)	% of target value
1	Arsenic	0.0017	6	1.02954	17.16%
	Cadmium	0.0025	5	0.617645	12.35%
	Nickel	0.76	20	13.5805	67.90%
2	Arsenic	0.1	6	18.5969	310%
	Cadmium	0.1	5	18.0422	361%
	Nickel	0.1	20	17.8719	89.35%
3	Arsenic	0.025	6	5.33001	88.8%
	Cadmium	0.025	5	4.77592	95.5%
	Nickel	0.09	20	16.5773	82.9%
4	Arsenic	0.02	6	4.40968	73.49%
	Cadmium	0.02	5	3.85507	77.10%

Historic monitoring of arsenic and cadmium at the installation has shown that these compounds are found at levels significantly below this; it is not considered that it will be difficult for the operator to comply with these limits if they are applied to the permit.

The proposed limits for A4-A7 are highlighted within Table 28.

13. Conclusion

The potential impact on local air quality associated with the new Section 2.2 A(1)(a) activity has been assessed. Initially, the historic site air quality model was revisited to update it to modern operating conditions, as some processes involving combustion emissions have ceased since the installation was first permitted.

The significance of the various baseline emissions was considered, and NO_x, SO₂, CO and PM₁₀ were determined to be of limited or no significance to local air quality within the study area.

The potential impact of other parameters that could be affected by the proposed changes at BRM were then evaluated using a highly conservative model. Its conservative nature was verified through sensitivity assessment. The locations most likely to suffer significant impacts were also identified. These included local properties in Northfleet to the southwest of the installation, and the eastern end of the Swanscombe Peninsula SSSI.

Notwithstanding this, the actual significance of these impacts is not anticipated to impact upon local air quality standards or the quality of the habitat, as the sensitivity analysis demonstrated that relevant screening thresholds are not likely to be exceeded in real-world

situations and, even then, they do not risk taking ambient pollutant concentrations above statutory targets.

For some new pollutants, new emission limit values have been proposed that the operator is comfortable that it can meet in its current operating condition, which will ensure that the permit offers the requisite level of environmental protection.

Appendix A

BRM air quality monitoring data used for model inputs

Derivation of source emissions for BRM based on 2020-2024 data

	Parameter	Unit	Limit	12/12/2024	07/08/2023	25/10/2022	06/12/2021	16/08/2021	15/03/2021	17/11/2020	12/10/2020	Maximum	g/s emission
A1 Actair 1&3	Particulate	mg/m3	5	0.95	0.95	0.52	0.26				0.36	5	4.508E-02
	Lead	mg/m3		0.018	0.031	0.00063	0.089				0.013	0.089	8.024E-04
	Arsenic	mg/m3		0	0	0	0.00049				0.00045	0.00049	4.417E-06
	Antimony	mg/m3		0.006	0.001	0.00047	0.00006				0.00064	0.006	5.409E-05
	Cadmium	mg/m3		0.0004	0	0	0.00046				0.00041	0.00046	4.147E-06
	Copper	mg/m3		0.0015	0.002	0.00065	0.0038				0.0017	0.0038	3.426E-05
	Silver	mg/m3		0.0005	0.001	0.00043	0.00052				0.00047	0.001	9.015E-06
	Zinc	mg/m3		0.0098	0.062	0.0085	0.11				0.049	0.11	9.917E-04
	Flow rate (ref)	m3/h		32455	27961	30964	27572				31088	32455	
A2 Actair 2&4	Particulate	mg/m3	4	0.12	0.19	1.2	0.57				0.26	4	5.876E-02
	Lead	mg/m3	1	0.0203	0.014	0.058	1.6				0.08	1.6	2.351E-02
	Arsenic	mg/m3		0	0	0	0				0.00044	0.00044	6.464E-06
	Antimony	mg/m3		0.0007	0.00058	0.0016	0.0049				0.0021	0.0049	7.199E-05
	Cadmium	mg/m3		0	0	0	0.00049				0.00037	0.00049	7.199E-06
	Copper	mg/m3		0.0021	0.00067	0.0041	0.02				0.0019	0.02	2.938E-04
	Silver	mg/m3		0.0011	0	0.0016	0.00069				0.00057	0.0016	2.351E-05
	Zinc	mg/m3		0.0132	0.00614	0.026	0.11				0.029	0.11	1.616E-03
	PCDD/PCDF (I-TEQ)	ng/m3	0.1	0.0015	0.0027	0.0018	0.00021				0.00017	0.1	1.469E-09
	VOC (as C)	mg/m3	40	9.9	7.78	1.4	9.1				8.4	40	5.876E-01
	SO2	mg/m3			0.2							0.2	2.938E-03
	Flow rate (ref)	m3/h		52888	23927	34076	33428				40535	52888	
A4 Gravesend	Particulate	mg/m3	5	0.33	2.47	0.28	0.25			0.51		5	5.329E-02
	SO2	mg/m3		0.1	0.09	14.8	0.31					14.8	1.577E-01
	Lead	mg/m3	1	0.0476	0.0031	0.021	0.039			0.022		1	1.066E-02
	Arsenic	mg/m3		0.0006	0.0008	0	0.0012			0		0.0012	1.279E-05
	Antimony	mg/m3		0.0009	0.001	0.001	0.00091			0.00076		0.001	1.066E-05
	Cadmium	mg/m3		0.0005	0	0	0.00051			0		0.00051	5.435E-06
	Copper	mg/m3		0.0011	0.0021	0.0026	0.0034			0.00064		0.0034	3.624E-05
	Silver	mg/m3		0.0006	0.0012	0	0.00073			0		0.0012	1.279E-05
	Zinc	mg/m3		0.0202	0.0456	0.073	0.062			0.022		0.073	7.780E-04
	PCDD/PCDF (I-TEQ)	ng/m3	0.1	No monitoring data. Values derived as per modelling report								0.1	1.066E-09
	VOC (as C)	mg/m3	40									40	4.263E-01
	Bismuth	mg/m3										0.0025	2.664E-05
	Tin	mg/m3										0.0025	2.664E-05
	Nickel	mg/m3										0.076	8.100E-04
	Manganese	mg/m3										0.0025	2.664E-05
	NOx as NO2	mg/m3		1.1	0.76	14.6	6.6			0.78		14.6	1.556E-01
	Flow rate (ref)	m3/h		38367	27570	29373	31046			28594		38367	
A5 Middle	Particulate	mg/m3	5	0.29	0.25	0.28	0.35			0.73		5	4.816E-02
	SO2	mg/m3		0.25	0.0294	162	0.37					162	1.560E+00
	Lead	mg/m3	1	0.0715	0.0169	0.014	0.048			0.051		1	9.633E-03
	Arsenic	mg/m3		0.0013	0	0	0.00071			0		0.0013	1.252E-05
	Antimony	mg/m3		0.001	0	0.0028	0.0019			0.00065		0.0028	2.697E-05
	Cadmium	mg/m3		0.0006	0	0	0.00068			0		0.00068	6.550E-06
	Copper	mg/m3		0.0009	0.00104	0.0015	0.0028			0.001		0.0028	2.697E-05

	Silver	mg/m3	0.1 40	0.0038	0.00095	0.00064	0.0013	0.00059	0.0038 0.058 0.1 40 0.0025 0.0025 0.076 0.0025 14 34677	3.660E-05 5.587E-04 9.633E-10 3.853E-01 2.408E-05 2.408E-05 7.321E-04 2.408E-05 1.349E-01			
	Zinc	mg/m3		0.0312	0.0125	0.052	0.058	0.044					
	PCDD/PCDF (I-TEQ)	ng/m3		No monitoring data. Values derived as per modelling report									
	VOC (as C)	mg/m3											
	Bismuth	mg/m3											
	Tin	mg/m3											
	Nickel	mg/m3											
	Manganese	mg/m3											
	NOx as NO2	mg/m3		1.1	1	14	7	0.84					
	Flow rate (ref)	m3/h		34677	28681	30486	30008	28850					
A6 London	Particulate	mg/m3	5	1.5	0.29	0.28	0.25	0.4	5 10.5 1 0.0017 0.00412 0.0006 0.1 40 0.0025 0.0025 0.076 0.0025 0.00443 0.00163 0.0862 5.1 38762	5.384E-02 1.131E-01 1.077E-02 1.830E-05 4.436E-05 6.460E-06 1.077E-09 4.307E-01 2.692E-05 2.692E-05 8.183E-04 2.692E-05 4.770E-05 1.755E-05 9.281E-04 5.491E-02			
	SO2	mg/m3	1	0.4	0.0474	1.3	10.5						
	Lead	mg/m3	0.0395	0.13924	0.011	0.077	0.034						
	Arsenic	mg/m3	0.0017	0.00072	0	0.00062	0.00043						
	Antimony	mg/m3	0.0011	0.00412	0.00084	0.0019	0.00089						
	Cadmium	mg/m3	0.0006	0	0	0	0.00038						
	PCDD/PCDF (I-TEQ)	ng/m3	0.1 40	No monitoring data. Values derived as per modelling report									
	VOC (as C)	mg/m3											
	Bismuth	mg/m3											
	Tin	mg/m3											
	Nickel	mg/m3											
	Manganese	mg/m3											
	Copper	mg/m3	0.0042	0.00443	0.0013	0.0033	0.00064						
	Silver	mg/m3	0.0011	0.00163	0	0.00068	0.00053						
	Zinc	mg/m3	0.0862	0.0238	0.016	0.042	0.019						
	NOx as NO2	mg/m3	0.41	1.1016	3.3	5.1	1.8						
	Flow rate (ref)	m3/h	38762	27198	28637	35194	32961						
	A7 Main stack	Particulate	mg/m3	4	0.21	0.12	0.62	0.1			0.034	4 0.11 0.1 40 12.3 18.1 134510 0.0025 0.0025 0.076 0.0025 1 0.00025 0.0014 0.0015 0.00057 0.0007 0.01	1.495E-01 4.110E-03 3.736E-09 1.495E+00 4.596E-01 6.763E-01 9.341E-05 9.341E-05 2.840E-03 9.341E-05 3.736E-02 9.341E-06 5.231E-05 9.341E-05 3.288E-05 2.615E-05 2.840E-03
		SO2	mg/m3	0.04	0.11	0.032	0.037	0.026					
PCDD/PCDF (I-TEQ)		ng/m3	0.1	0.0016	0.0035	0.00011	0.0014	0.00019					
VOC (as C)		mg/m3	40	1.2	2.1	2.9	4.6	1.8					
NOx as NO2		mg/m3	12.3	12	3.9	8.7	7.5						
CO		mg/m3	3.1	9.5	18.1	4.7	15.1						
Flow rate (ref)		m3/h	108626	133124	116192	116361	134510						
Bismuth		mg/m3	0.0025 0.0025 0.076 0.0025	No monitoring data. Values derived as per modelling report									
Tin		mg/m3											
Nickel		mg/m3											
Manganese		mg/m3											
Lead		mg/m3	1		0.035	0.015	0.0037	0.00685					
Arsenic		mg/m3		0.00025	0	0	0						
Antimony		mg/m3		0.0014	0.00081	0	0.00055						
Cadmium		mg/m3		0.0015	0.0025	0.0016	0.00218						
Copper		mg/m3		0.00057	0.00088	0.00039	0.00058						
Silver		mg/m3		0.0007	0.0002	0.00015	0.00025						
Zinc		mg/m3		0.01	0.022	0.076	0.01385						

Appendix B

Baseline model inputs

Emissions to air risk assessment

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Emissions to air risk assessment

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Emissions to air risk assessment

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GrdPtsNumPoints   = 20
GrdPtsPointNames  =
"Railway Street" "Wallis Park" "Grove Road FP" "Sports Ground"
"Huntley Avenue" "Vicarage" "Melbourne Road" "Salix Road"
"Conway Gardens" "Bexhill Drive" "Alma Road" "Alkerden Farm"
"Durrent Allotments" "Grove Park" "STE&M SSSI" "Ebbsfleet Marshes"
"School Factory Road" "Swanscombe Peninsula SSSI (A)" "Swanscombe Peninsula SSSI (B)" "Swanscombe Peninsula SSSI (C)"
GrdPtsPointsX =
5.61470e+5 5.61680e+5 5.61750e+5 5.61350e+5
5.61960e+5 5.62320e+5 5.63400e+5 5.63000e+5
5.61750e+5 5.60530e+5 5.60560e+5 5.59660e+5
5.60000e+5 5.60400e+5 5.67000e+5 5.67000e+5
5.62110e+5 5.61250e+5 5.60700e+5 5.59900e+5
GrdPtsPointsY =
1.74670e+5 1.74720e+5 1.74790e+5 1.74430e+5
1.74195e+5 1.74250e+5 1.76620e+5 1.77430e+5
1.77290e+5 1.77610e+5 1.74740e+5 1.74000e+5
1.73810e+5 1.74500e+5 1.74000e+5 1.73760e+5
1.74430e+5 1.75300e+5 1.76160e+5 1.75460e+5
GrdPtsPointsZ =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
GrdPtsUsePointsFile = 0
GrdPtsPointsFilePath = " "
GrdPtsUsePoints      = 1
GrdUseGrid           = 1
/
&ADMS_PARAMETERS_PUF
PufType              = 0
PufStart              = 1.00e+2
PufStep               = 1.00e+2
PufNumSteps           = 10
/
```

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```
&ADMS_PARAMETERS_GAM
GamCalcDose    = 0
/
&ADMS_PARAMETERS_OPT
OptNumOutputs   = 13
OptPolName      =
  "NOx" "CO" "PM10" "Lead"
  "Arsenic" "Antimony" "Cadmium" "Copper"
  "Silver" "Zinc" "SO2" "SO2"
  "PCDD/PCDF (I-TEQ)"
OptInclude      =
  1 1 1 1
  1 1 1 1
  1 1 1 1
  1
OptShortOrLong  =
  1 1 1 1
  1 1 1 1
  1 1 1 1
  1
OptSamplingTime =
  1.0e+0 8.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.5e+1 1.0e+0
  1.0e+0
OptSamplingTimeUnits =
  3 0 3 3
  3 3 3 3
  3 3 2 3
  3
OptCondition    =
  0 0 0 0
  0 0 0 0
  0 0 0 0
  0
OptNumPercentiles =
  2 1 2 0
  0 0 0 0
  0 0 1 2
  0
OptNumExceedences =
  1 1 1 2
  1 0 1 0
  0 0 1 1
  0
OptPercentiles   =
  1.00e+2 9.979e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  1.00e+2 9.041e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
```

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```
9.99e+1 9.99e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.00e+2 9.973e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
OptExceedences =
2.00e+2 1.8e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.0e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e-1 2.5e-1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
6.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
2.66e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
3.50e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
OptUnits =
"ug/m3" "mg/m3" "ug/m3" "ug/m3"
"ng/m3" "ug/m3" "ng/m3" "ug/m3"
"ug/m3" "ug/m3" "ug/m3" "ug/m3"
"ng/m3"
OptValidity =
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1
OptGroupsOrSource = 0
OptAllSources = 1
OptNumGroups = 0
OptIncludedSource = "A1"
OptCreateComprehensiveFile = 0
OptOutputPerSource = 0
/
&ADMS_PARAMETERS_CHM
ChmScheme = 1
/
&ADMS_PARAMETERS_BKG
BkgFilePath = ""
BkgFixedLevels = 1
/
&ADMS_COORDINATESYSTEM
ProjectedEPSG = 27700
ProjectedName = "OSGB 1936 British National Grid (epsg:27700)"
ProjectedWKT = ""
/
&ADMS_PARAMETERS_ETC
SrcNumSources = 18
PolNumPollutants = 20
PolNumIsotopes = 0
/
```

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&ADMS_MAPPERPROJECT

ProjectFilePath = "C:\Users\craig\Documents\ADMS 6.0\BRM\Baseline model\Baseline model.mpj"
/

&ADMS_POLLUTANT_DETAILS

PolName = "NOx"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 1.5e-3
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 5.2e-1
PolBkgLevel = 2.849682659e+1
PolBkgUnits = "ug/m3"
/

&ADMS_POLLUTANT_DETAILS

PolName = "NO2"
PolPollutantType = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 5.2e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/

&ADMS_POLLUTANT_DETAILS

PolName = "NO"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1

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```
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 8.0e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "O3"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 5.0e-1
PolBkgLevel = 4.352401e+1
PolBkgUnits = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "VOC"
PolPollutantType = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
```

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```
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 3.1e-1
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "SO2"
PolPollutantType   = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 1.2e-2
PolGasType         = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 3.7e-1
PolBkgLevel        = 9.0292e-1
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "PM10"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-5
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 2.061642352e+1
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
```

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```
PolName          = "PM2.5"
PolPollutantType  = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
2.5e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "CO"
PolPollutantType  = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 8.6e-1
PolBkgLevel        = 3.75e-1
PolBkgUnits        = "mg/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "BENZENE"
PolPollutantType  = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
```

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```
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout    = 0.0e+0
PolWetWashoutA   = 1.0e-4
PolWetWashoutB   = 6.4e-1
PolConvFactor    = 3.1e-1
PolBkgLevel      = 0.0e+0
PolBkgUnits      = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "BUTADIENE"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout    = 0.0e+0
PolWetWashoutA   = 1.0e-4
PolWetWashoutB   = 6.4e-1
PolConvFactor    = 4.5e-1
PolBkgLevel      = 0.0e+0
PolBkgUnits      = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "HCl"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 2.5e-2
PolGasType       = 0
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout    = 0.0e+0
PolWetWashoutA   = 1.0e-4
PolWetWashoutB   = 6.4e-1
```

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```
PolConvFactor    = 6.589e-1
PolBkgLevel      = 0.0e+0
PolBkgUnits      = "ppb"
/
```

&ADMS_POLLUTANT_DETAILS

```
PolName          = "Lead"
PolPollutantType  = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType        = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA      = 1.0e-4
PolWetWashoutB      = 6.4e-1
PolConvFactor       = 1.0e+0
PolBkgLevel         = 8.744285714e+0
PolBkgUnits         = "ng/m3"
/
```

&ADMS_POLLUTANT_DETAILS

```
PolName          = "Arsenic"
PolPollutantType  = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType        = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA      = 1.0e-4
PolWetWashoutB      = 6.4e-1
PolConvFactor       = 1.0e+0
PolBkgLevel         = 7.175e-1
PolBkgUnits         = "ng/m3"
/
```

&ADMS_POLLUTANT_DETAILS

```
PolName          = "Antimony"
PolPollutantType  = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType        = 1
```

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```
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "Cadmium"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 1.62457143e-1
PolBkgUnits = "ng/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "Copper"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
```

Emissions to air risk assessment

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```
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 1.0e+0  
PolBkgLevel        = 7.095714286e+0  
PolBkgUnits        = "ng/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS  
PolName            = "Silver"  
PolPollutantType   = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType         = 1  
PolParDepVelocityKnown = 1  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 1.0e+0  
PolBkgLevel        = 0.0e+0  
PolBkgUnits        = "ug/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS  
PolName            = "Zinc"  
PolPollutantType   = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType         = 1  
PolParDepVelocityKnown = 1  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 1.0e+0  
PolBkgLevel        = 1.512071429e+1  
PolBkgUnits        = "ng/m3"  
/  

```

Emissions to air risk assessment

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```
&ADMS_POLLUTANT_DETAILS
PolName          = "PCDD/PCDF (I-TEQ)"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_SOURCE_DETAILS
SrcName          = "A1"
SrcMainBuilding = "(Auto)"
SrcHeight        = 3.65e+1
SrcDiameter      = 1.49e+0
SrcVolFlowRate   = 2.6155e+1
SrcVertVeloc     = 1.5e+1
SrcTemperature   = 1.3e+1
SrcMolWeight     = 2.8966e+1
SrcDensity       = 1.225e+0
SrcSpecHeatCap   = 1.012e+3
SrcSourceType    = 0
SrcReleaseAtNTP = 0
SrcEffluxType    = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1            = 5.61477e+5
SrcY1            = 1.75337e+5
SrcL1            = 1.0e+0
SrcL2            = 1.0e+0
SrcFm            = 1.0e+0
SrcFb            = 1.0e+0
SrcMassFlux      = 1.0e+0
SrcAngle1        = 0.0e+0
SrcAngle2        = 0.0e+0
SrcMassH2O       = 0.0e+0
SrcUseVARFile    = 1
SrcNumGroups     = 1
SrcGroup         =
"Process stacks"
SrcNumVertices   = 0
SrcNumPollutants = 8
SrcPollutants    =
"PM10" "Lead" "Arsenic" "Antimony"
"Cadmium" "Copper" "Silver" "Zinc"
SrcPolEmissionRate =
4.508e-2 8.024e-4 4.417e-6 5.409e-5
4.147e-6 3.426e-5 9.015e-6 9.917e-4
SrcPolTotalemission =
```

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```
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName = "A2"
SrcMainBuilding = "(Auto)"
SrcHeight = 3.65e+1
SrcDiameter = 1.49e+0
SrcVolFlowRate = 2.6155e+1
SrcVertVeloc = 1.5e+1
SrcTemperature = 2.4e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.6152017e+5
SrcY1 = 1.7540831e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 11
SrcPollutants =
"PM10" "Lead" "Arsenic" "Antimony"
"Cadmium" "Copper" "Silver" "Zinc"
"PCDD/PCDF (I-TEQ)" "VOC" "SO2"
SrcPolEmissionRate =
5.876e-2 2.351e-2 6.464e-6 7.199e-5
7.199e-6 2.938e-4 2.351e-5 1.616e-3
1.469e-3 5.876e-1 2.938e-3
SrcPolTotalemission =
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
```

Emissions to air risk assessment

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```
SrcName      = "A4"
SrcMainBuilding = "(Auto)"
SrcHeight    = 3.65e+1
SrcDiameter  = 1.95e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.3e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.61436e+5
SrcY1        = 1.75305e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
SrcFb        = 1.0e+0
SrcMassFlux  = 1.0e+0
SrcAngle1    = 0.0e+0
SrcAngle2    = 0.0e+0
SrcMassH2O   = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 10
SrcPollutants =
  "PM10" "SO2" "Lead" "Arsenic"
  "Antimony" "Cadmium" "Copper" "Silver"
  "Zinc" "NOx"
SrcPolEmissionRate =
  5.329e-2 1.577e-1 5.073e-4 1.279e-4
  1.066e-5 5.435e-6 3.624e-5 1.279e-5
  7.789e-4 1.556e-1
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

&ADMS_SOURCE_DETAILS

```
SrcName      = "A5"
SrcMainBuilding = "(Auto)"
SrcHeight    = 3.65e+1
SrcDiameter  = 2.01e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.5e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
```

```

SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61432e+5
SrcY1 = 1.75312e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
    "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 10
SrcPollutants =
    "PM10" "SO2" "Lead" "Arsenic"
    "Antimony" "Cadmium" "Copper" "Silver"
    "Zinc" "NOx"
SrcPolEmissionRate =
    4.816e-2 1.56e+0 6.887e-4 1.252e-5
    2.697e-5 6.55e-6 2.697e-5 3.66e-5
    5.587e-4 1.349e-1
SrcPolTotalemission =
    1.0e+0 1.0e+0 1.0e+0 1.0e+0
    1.0e+0 1.0e+0 1.0e+0 1.0e+0
    1.0e+0 1.0e+0
SrcPolStartTime =
    0.0e+0 0.0e+0 0.0e+0 0.0e+0
    0.0e+0 0.0e+0 0.0e+0 0.0e+0
    0.0e+0 0.0e+0
SrcPolDuration =
    0.0e+0 0.0e+0 0.0e+0 0.0e+0
    0.0e+0 0.0e+0 0.0e+0 0.0e+0
    0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

```

```

&ADMS_SOURCE_DETAILS
SrcName = "A6"
SrcMainBuilding = "(Auto)"
SrcHeight = 3.65e+1
SrcDiameter = 2.02e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.1e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61428e+5
SrcY1 = 1.75317e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0

```

Emissions to air risk assessment

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```
SrcMassH2O    = 0.0e+0
SrcUseVARFile  = 1
SrcNumGroups   = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 10
SrcPollutants =
  "PM10" "SO2" "Lead" "Arsenic"
  "Antimony" "Cadmium" "Copper" "Silver"
  "Zinc" "NOx"
SrcPolEmissionRate =
  5.348e-2 1.131e-1 1.499e-3 1.83e-5
  4.436e-5 6.46e-6 4.77e-5 1.755e-5
  9.281e-4 5.491e-2
SrcPolTotalEmission =
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "A7"
SrcMainBuilding = "(Auto)"
SrcHeight    = 9.3e+1
SrcDiameter  = 4.0e+0
SrcVolFlowRate = 4.3982e+1
SrcVertVeloc = 3.5e+0
SrcTemperature = 2.7e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.61207e+5
SrcY1        = 1.75546e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
SrcFb        = 1.0e+0
SrcMassFlux   = 1.0e+0
SrcAngle1     = 0.0e+0
SrcAngle2     = 0.0e+0
SrcMassH2O    = 0.0e+0
SrcUseVARFile  = 1
SrcNumGroups   = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 13
SrcPollutants =
  "PM10" "SO2" "PCDD/PCDF (I-TEQ)" "VOC"
  "NOx" "CO" "Lead" "Arsenic"
  "Antimony" "Cadmium" "Copper" "Silver"
  "Zinc"
```

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```
SrcPolEmissionRate =  
1.495e-1 4.11e-3 3.736e-3 1.495e+0  
4.596e-1 6.763e-1 3.736e-2 9.341e-6  
9.341e-6 9.341e-5 3.288e-5 2.615e-5  
2.84e-3  
SrcPolTotalemission =  
1.0e+0 1.0e+0 1.0e+0 1.0e+0  
1.0e+0 1.0e+0 1.0e+0 1.0e+0  
1.0e+0 1.0e+0 1.0e+0 1.0e+0  
1.0e+0  
SrcPolStartTime =  
0.0e+0 0.0e+0 0.0e+0 0.0e+0  
0.0e+0 0.0e+0 0.0e+0 0.0e+0  
0.0e+0 0.0e+0 0.0e+0 0.0e+0  
0.0e+0  
SrcPolDuration =  
0.0e+0 0.0e+0 0.0e+0 0.0e+0  
0.0e+0 0.0e+0 0.0e+0 0.0e+0  
0.0e+0 0.0e+0 0.0e+0 0.0e+0  
0.0e+0  
SrcNumIsotopes      = 0  
/
```

```
&ADMS_SOURCE_DETAILS  
SrcName      = "Kettle Flue 1"  
SrcMainBuilding = "(Auto)"  
SrcHeight    = 1.3e+1  
SrcDiameter  = 1.0e+0  
SrcVolFlowRate = 3.927e+0  
SrcVertVeloc  = 5.0e+0  
SrcTemperature = 5.01e+2  
SrcMolWeight  = 2.8966e+1  
SrcDensity    = 1.225e+0  
SrcSpecHeatCap = 1.012e+3  
SrcSourceType  = 0  
SrcReleaseAtNTP = 0  
SrcEffluxType  = 0  
SrcBuoyancyType = 0  
SrcPercentNOxAsNO2 = 5.0e+0  
SrcX1          = 5.615251e+5  
SrcY1          = 1.7541198e+5  
SrcL1          = 1.0e+0  
SrcL2          = 1.0e+0  
SrcFm          = 1.0e+0  
SrcFb          = 1.0e+0  
SrcMassFlux    = 1.0e+0  
SrcAngle1      = 0.0e+0  
SrcAngle2      = 0.0e+0  
SrcMassH2O     = 0.0e+0  
SrcUseVARFile  = 1  
SrcNumGroups   = 1  
SrcGroup =  
"Combustion flues"  
SrcNumVertices  = 0  
SrcNumPollutants = 3  
SrcPollutants =  
"NOx" "CO" "PM10"  
SrcPolEmissionRate =  
7.4e-2 1.11e-1 2.0e-3  
SrcPolTotalemission =  
1.0e+0 1.0e+0 1.0e+0  
SrcPolStartTime =  
0.0e+0 0.0e+0 0.0e+0  
SrcPolDuration =  
0.0e+0 0.0e+0 0.0e+0  
SrcNumIsotopes  = 0  
/
```

Emissions to air risk assessment

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```
&ADMS_SOURCE_DETAILS
SrcName      = "Kettle Flue 2"
SrcMainBuilding = "(Auto)"
SrcHeight    = 1.3e+1
SrcDiameter  = 1.0e+0
SrcVolFlowRate = 5.576e+0
SrcVertVeloc = 7.1e+0
SrcTemperature = 9.7e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.6151553e+5
SrcY1        = 1.7540538e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
SrcFb        = 1.0e+0
SrcMassFlux  = 1.0e+0
SrcAngle1    = 0.0e+0
SrcAngle2    = 0.0e+0
SrcMassH2O   = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "NOx" "CO" "PM10"
SrcPolEmissionRate =
  6.9e-2 1.04e-1 2.0e-3
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "Kettle Flue 3"
SrcMainBuilding = "(Auto)"
SrcHeight    = 1.3e+1
SrcDiameter  = 1.0e+0
SrcVolFlowRate = 3.613e+0
SrcVertVeloc = 4.6e+0
SrcTemperature = 9.7e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.6150833e+5
SrcY1        = 1.7539972e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
```

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```
SrcFb      = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1   = 0.0e+0
SrcAngle2   = 0.0e+0
SrcMassH2O  = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "NOx" "CO" "PM10"
SrcPolEmissionRate =
  9.2e-2 1.37e-1 2.0e-3
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "Kettle Flue 3A"
SrcMainBuilding = "(Auto)"
SrcHeight    = 1.3e+1
SrcDiameter  = 5.0e-1
SrcVolFlowRate = 9.03e-1
SrcVertVeloc = 4.6e+0
SrcTemperature = 9.7e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.6148226e+5
SrcY1        = 1.7542574e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
SrcFb        = 1.0e+0
SrcMassFlux  = 1.0e+0
SrcAngle1    = 0.0e+0
SrcAngle2    = 0.0e+0
SrcMassH2O   = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "NOx" "CO" "PM10"
SrcPolEmissionRate =
  9.2e-2 1.37e-1 2.0e-3
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
```

/

```
&ADMS_SOURCE_DETAILS
SrcName      = "Kettle Flue 4"
SrcMainBuilding = "(Auto)"
SrcHeight    = 1.3e+1
SrcDiameter  = 1.0e+0
SrcVolFlowRate = 3.613e+0
SrcVertVeloc = 4.6e+0
SrcTemperature = 9.7e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.6150212e+5
SrcY1        = 1.753957e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
SrcFb        = 1.0e+0
SrcMassFlux  = 1.0e+0
SrcAngle1    = 0.0e+0
SrcAngle2    = 0.0e+0
SrcMassH2O   = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "NOx" "CO" "PM10"
SrcPolEmissionRate =
  9.2e-2 1.37e-1 2.0e-3
SrcPolTotalEmission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "Kettle Flue 4A"
SrcMainBuilding = "(Auto)"
SrcHeight    = 1.3e+1
SrcDiameter  = 1.0e+0
SrcVolFlowRate = 3.613e+0
SrcVertVeloc = 4.6e+0
SrcTemperature = 9.7e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.6149573e+5
SrcY1        = 1.7539091e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
```

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SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
"NOx" "CO" "PM10"
SrcPolEmissionRate =
9.2e-2 1.37e-1 2.0e-3
SrcPolTotalemission =
1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

&ADMS_SOURCE_DETAILS
SrcName = "Kettle Flue 5"
SrcMainBuilding = "(Auto)"
SrcHeight = 1.3e+1
SrcDiameter = 1.0e+0
SrcVolFlowRate = 4.555e+0
SrcVertVeloc = 5.8e+0
SrcTemperature = 4.28e+2
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61475e+5
SrcY1 = 1.7542053e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
"NOx" "CO" "PM10"
SrcPolEmissionRate =
1.0e-1 1.5e-1 2.0e-3
SrcPolTotalemission =
1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0

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SrcNumIsotopes = 0

/

&ADMS_SOURCE_DETAILS

SrcName = "Kettle Flue 6"
SrcMainBuilding = "(Auto)"
SrcHeight = 1.3e+1
SrcDiameter = 1.0e+0
SrcVolFlowRate = 4.398e+0
SrcVertVeloc = 5.6e+0
SrcTemperature = 5.02e+2
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.6148893e+5
SrcY1 = 1.7538631e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
"NOx" "CO" "PM10"
SrcPolEmissionRate =
8.5e-2 1.27e-1 2.0e-3
SrcPolTotalemission =
1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

&ADMS_SOURCE_DETAILS

SrcName = "Kettle Flue 7"
SrcMainBuilding = "(Auto)"
SrcHeight = 1.3e+1
SrcDiameter = 1.0e+0
SrcVolFlowRate = 4.869e+0
SrcVertVeloc = 6.2e+0
SrcTemperature = 2.94e+2
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.6146607e+5
SrcY1 = 1.7541514e+5
SrcL1 = 1.0e+0

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```
SrcL2      = 1.0e+0
SrcFm      = 1.0e+0
SrcFb      = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1  = 0.0e+0
SrcAngle2  = 0.0e+0
SrcMassH2O  = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "NOx" "CO" "PM10"
SrcPolEmissionRate =
  1.31e-1 1.96e-1 3.0e-3
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "Kettle Flue 8"
SrcMainBuilding = "(Auto)"
SrcHeight    = 1.3e+1
SrcDiameter  = 1.0e+0
SrcVolFlowRate = 3.613e+0
SrcVertVeloc = 4.6e+0
SrcTemperature = 9.7e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.6148121e+5
SrcY1        = 1.7538069e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
SrcFb        = 1.0e+0
SrcMassFlux  = 1.0e+0
SrcAngle1    = 0.0e+0
SrcAngle2    = 0.0e+0
SrcMassH2O    = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "NOx" "CO" "PM10"
SrcPolEmissionRate =
  9.2e-2 1.37e-1 2.0e-3
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
```

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0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

&ADMS_SOURCE_DETAILS
SrcName = "Kettle Flue 9"
SrcMainBuilding = "(Auto)"
SrcHeight = 1.3e+1
SrcDiameter = 1.0e+0
SrcVolFlowRate = 3.613e+0
SrcVertVeloc = 4.6e+0
SrcTemperature = 3.0e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.6145926e+5
SrcY1 = 1.7540973e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
"NOx" "CO" "PM10"
SrcPolEmissionRate =
9.2e-2 1.37e-1 2.0e-3
SrcPolTotalEmission =
1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

&ADMS_SOURCE_DETAILS
SrcName = "Kettle Flue 11"
SrcMainBuilding = "(Auto)"
SrcHeight = 1.3e+1
SrcDiameter = 1.0e+0
SrcVolFlowRate = 3.613e+0
SrcVertVeloc = 4.6e+0
SrcTemperature = 9.7e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.6145207e+5
SrcY1 = 1.7540473e+5

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```
SrcL1      = 1.0e+0
SrcL2      = 1.0e+0
SrcFm      = 1.0e+0
SrcFb      = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1  = 0.0e+0
SrcAngle2  = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Combustion flues"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "NOx" "CO" "PM10"
SrcPolEmissionRate =
  9.2e-2 1.37e-1 2.0e-3
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

Appendix C

Primary revised model inputs

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&ADMS_HEADER

Comment = "This is an ADMS parameter file"
Model = "ADMS"
Version = 6.0
FileVersion = 9
Complete = 1
/

&ADMS_PARAMETERS_SUP

SupSiteName = "Britannia Refined Metals Ltd"
SupProjectName = "EPR/BM4945IW/V009 - Final new scenario"
SupUseAddInput = 0
SupAddInputPath = ""
SupReleaseType = 0
SupModelBuildings = 1
SupModelComplexTerrain = 0
SupModelCoastline = 0
SupCalcChm = 0
SupCalcDryDep = 1
SupCalcWetDep = 1
SupCalcPlumeVisibility = 0
SupModelFluctuations = 0
SupModelRadioactivity = 0
SupModelOdours = 0
SupPaletteType = 1
SupUseTimeVaryingEmissions = 0
SupTimeVaryingEmissionsType = 0
SupTimeVaryingVARPath = ""
SupTimeVaryingFACPath = ""

SupUseTimeVaryingScreenBySource = "11110010"

SupTimeVaryingEmissionFactorsWeekday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

SupTimeVaryingEmissionFactorsSaturday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

SupTimeVaryingEmissionFactorsSunday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

/

&ADMS_PARAMETERS_MET

MetLatitude = 5.2e+1
MetDataSource = 0
MetDataFileWellFormedPath = "C:\Users\craig\Documents\ADMS 6.0\BRM\Met data\charladms21.met"
MetWindHeight = 1.0e+1
MetWindInSectors = 0
MetWindSectorSizeDegrees = 1.0e+1
MetDataIsSequential = 1
MetUseSubset = 0
MetSubsetHourStart = 1
MetSubsetDayStart = 1
MetSubsetMonthStart = 1
MetSubsetYearStart = 2024
MetSubsetHourEnd = 24
MetSubsetDayEnd = 31

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```
MetSubsetMonthEnd      = 12
MetSubsetYearEnd       = 2024
MetUseVerticalProfile  = 0
MetVerticalProfilePath = " "
Met_DS_RoughnessMode   = 1
Met_DS_Roughness       = 1.0e+0
Met_DS_UseAdvancedMet  = 0
Met_DS_SurfaceAlbedoMode = 0
Met_DS_SurfaceAlbedo   = 2.3e-1
Met_DS_PriestlyTaylorMode = 0
Met_DS_PriestlyTaylor  = 1.0e+0
Met_DS_MinLmoMode      = 0
Met_DS_MinLmo          = 1.0e+0
Met_DS_PrecipFactorMode = 0
Met_DS_PrecipFactor    = 1.0e+0
Met_MS_RoughnessMode   = 1
Met_MS_Roughness       = 1.0e+0
Met_MS_UseAdvancedMet  = 0
Met_MS_SurfaceAlbedoMode = 3
Met_MS_SurfaceAlbedo   = 2.3e-1
Met_MS_PriestlyTaylorMode = 3
Met_MS_PriestlyTaylor  = 1.0e+0
Met_MS_MinLmoMode      = 3
Met_MS_MinLmo          = 1.0e+0
MetHeatFluxType        = 0
MetInclBoundaryLyrHt   = 1
MetInclSurfaceTemp     = 0
MetInclLateralSpread   = 0
MetInclRelHumidity     = 0
MetHandNumEntries      = 0
/
&ADMS_PARAMETERS_BLD
BldNumBuildings = 5
BldName =
  "ISA Refinery" "Secondary refinery" "Dust plant" "CX building"
  "Seacon warehouse"
BldType =
  0 0 0 0
  0
BldX =
  5.61454e+5 5.61299e+5 5.61344e+5 5.61250e+5
  5.61620e+5
BldY =
  1.75384e+5 1.75534e+5 1.75591e+5 1.75640e+5
  1.75340e+5
BldHeight =
  1.9e+1 1.6e+1 1.5e+1 2.7e+1
  2.0e+1
BldLength =
  1.60e+2 1.60e+2 5.0e+1 1.00e+2
  2.15e+2
BldWidth =
  3.5e+1 3.2e+1 3.2e+1 4.2e+1
  1.10e+2
BldAngle =
  5.5e+1 3.25e+2 5.5e+1 5.5e+1
  5.5e+1
/
&ADMS_PARAMETERS_HIL
HilGridSize      = 2
HilUseTerFile     = 1
HilUseRoughFile   = 0
HilTerrainPath    = " "
HilRoughPath      = " "
HilCreateFlowField = 0
/
&ADMS_PARAMETERS_CST
```

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```
CstPoint1X      = 0.0e+0
CstPoint1Y      = 0.0e+0
CstPoint2X      = -1.000e+3
CstPoint2Y      = 1.000e+3
CstLandPointX   = 5.00e+2
CstLandPointY   = 5.00e+2
/
&ADMS_PARAMETERS_FLC
FlcAvgTime      = 9.00e+2
FlcUnitsPollutants = "ug/m3"
FlcUnitsIsotopes  = "Bq/m3"
FlcCalcToxicResponse = 0
FlcToxicExp      = 1.0e+0
FlcCalcPercentiles = 0
FlcNumPercentiles = 0
FlcCalcPDF       = 0
FlcPDFMode       = 0
FlcNumPDF        = 0
/
&ADMS_PARAMETERS_GRD
GrdSpacingType  = 0
GrdRegularMin   =
5.59000e+5 1.71000e+5 0.0e+0
GrdRegularMax   =
5.68000e+5 1.80000e+5 0.0e+0
GrdRegularNumPoints=
31 31 1
GrdVarSpaceNumPointsX = 0
GrdVarSpaceNumPointsY = 0
GrdVarSpaceNumPointsZ = 0
GrdPtsNumPoints   = 20
GrdPtsPointNames  =
"Railway Street" "Wallis Park" "Grove Road FP" "Sports Ground"
"Huntley Avenue" "Vicarage" "Melbourne Road" "Salix Road"
"Conway Gardens" "Bexhill Drive" "Alma Road" "Alkerden Farm"
"Durrent Allotments" "Grove Park" "STE&M SSSI" "Ebbsfleet Marshes"
"School Factory Road" "Swanscombe Peninsula SSSI (A)" "Swanscombe Peninsula SSSI (B)" "Swanscombe Peninsula SSSI (C)"
GrdPtsPointsX =
5.61470e+5 5.61680e+5 5.61750e+5 5.61350e+5
5.61960e+5 5.62320e+5 5.63400e+5 5.63000e+5
5.61750e+5 5.60530e+5 5.60560e+5 5.59660e+5
5.60000e+5 5.60400e+5 5.67000e+5 5.67000e+5
5.62110e+5 5.61250e+5 5.60700e+5 5.59900e+5
GrdPtsPointsY =
1.74670e+5 1.74720e+5 1.74790e+5 1.74430e+5
1.74195e+5 1.74250e+5 1.76620e+5 1.77430e+5
1.77290e+5 1.77610e+5 1.74740e+5 1.74000e+5
1.73810e+5 1.74500e+5 1.74000e+5 1.73760e+5
1.74430e+5 1.75300e+5 1.76160e+5 1.75460e+5
GrdPtsPointsZ =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
GrdPtsUsePointsFile = 0
GrdPtsPointsFilePath = " "
GrdPtsUsePoints      = 1
GrdUseGrid           = 1
/
&ADMS_PARAMETERS_PUF
PufType              = 0
PufStart              = 1.00e+2
PufStep               = 1.00e+2
PufNumSteps           = 10
/
```

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```
&ADMS_PARAMETERS_GAM
GamCalcDose    = 0
/
&ADMS_PARAMETERS_OPT
OptNumOutputs   = 18
OptPolName      =
  "NOx" "CO" "PM10" "Lead"
  "Arsenic" "Antimony" "Cadmium" "Copper"
  "Silver" "Zinc" "SO2" "SO2"
  "PCDD/PCDF (I-TEQ)" "Bismuth" "Tin" "Nickel"
  "Manganese" "VOC"
OptInclude      =
  0 0 0 1
  1 1 1 1
  0 1 0 0
  1 1 1 1
  1 1
OptShortOrLong  =
  1 1 1 1
  1 1 1 1
  1 1 1 1
  1 1 1 1
  1 1
OptSamplingTime =
  1.0e+0 8.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.5e+1 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0
OptSamplingTimeUnits =
  3 0 3 3
  3 3 3 3
  3 3 2 3
  3 3 3 3
  3 3
OptCondition    =
  0 0 0 0
  0 0 0 0
  0 0 0 0
  0 0 0 0
  0 0
OptNumPercentiles =
  1 1 1 0
  0 0 0 0
  0 0 1 1
  0 0 0 0
  0 0
OptNumExceedences =
  1 1 1 1
  1 1 1 1
  0 0 1 1
  0 0 0 2
  1 1
OptPercentiles   =
  9.979e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  9.041e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
```

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```
OptUnits =
"ug/m3" "mg/m3" "ug/m3" "ug/m3"
"ng/m3" "ug/m3" "ng/m3" "ug/m3"
"ug/m3" "ug/m3" "ug/m3" "ug/m3"
"ug/m3" "ug/m3" "ug/m3" "ng/m3"
"ug/m3" "ug/m3"
```

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```
OptValidity          =
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1
OptGroupsOrSource    = 0
OptAllSources         = 1
OptNumGroups          = 2
OptIncludedGroups     =
"Ag Rotary" "Sb Rotary"
OptIncludedSource     = "A1"
OptCreateComprehensiveFile = 0
OptOutputPerSource    = 0
/
&ADMS_PARAMETERS_CHM
ChmScheme            = 1
/
&ADMS_PARAMETERS_BKG
BkgFilePath          = ""
BkgFixedLevels       = 1
/
&ADMS_COORDINATESYSTEM
ProjectedEPSG         = 27700
ProjectedName         = "OSGB 1936 British National Grid (epsg:27700)"
ProjectedWKT          = ""
/
&ADMS_PARAMETERS_ETC
SrcNumSources         = 6
PolNumPollutants     = 24
PolNumIsotopes        = 0
/
&ADMS_MAPPERPROJECT
ProjectFilePath       = "C:\Users\craig\Documents\ADMS 6.0\BRM\Final new scenario\Final new scenario.mpj"
/

&ADMS_POLLUTANT_DETAILS
PolName              = "NOx"
PolPollutantType     = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 1.5e-3
PolGasType           = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter       =
1.0e-6
PolParDensity        =
1.000e+3
PolParMassFraction   =
1.0e+0
PolWetWashoutKnown   = 1
PolWetWashout        = 0.0e+0
PolWetWashoutA       = 1.0e-4
PolWetWashoutB       = 6.4e-1
PolConvFactor        = 5.2e-1
PolBkgLevel          = 2.849682659e+1
PolBkgUnits          = "ug/m3"
/

&ADMS_POLLUTANT_DETAILS
PolName              = "NO2"
PolPollutantType     = 0
```

Emissions to air risk assessment

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```
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 5.2e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "NO"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 8.0e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "O3"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
```

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```
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout    = 0.0e+0
PolWetWashoutA   = 1.0e-4
PolWetWashoutB   = 6.4e-1
PolConvFactor    = 5.0e-1
PolBkgLevel      = 4.352401e+1
PolBkgUnits      = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "VOC"
PolPollutantType = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 3.1e-1
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "SO2"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 1.2e-2
PolGasType       = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 3.7e-1
PolBkgLevel        = 9.0292e-1
```

Emissions to air risk assessment

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PolBkgUnits = "ug/m3"
/

&ADMS_POLLUTANT_DETAILS
PolName = "PM10"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-5
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 2.061642352e+1
PolBkgUnits = "ug/m3"
/

&ADMS_POLLUTANT_DETAILS
PolName = "PM2.5"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
2.5e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"
/

&ADMS_POLLUTANT_DETAILS
PolName = "CO"
PolPollutantType = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1

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```
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 8.6e-1
PolBkgLevel = 3.75e-1
PolBkgUnits = "mg/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "BENZENE"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 3.1e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "BUTADIENE"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
```

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```
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 4.5e-1
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ppb"
```

/

```
&ADMS_POLLUTANT_DETAILS
PolName            = "HCl"
PolPollutantType   = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 2.5e-2
PolGasType         = 0
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 6.589e-1
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ppb"
```

/

```
&ADMS_POLLUTANT_DETAILS
PolName            = "Lead"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 8.744285714e+0
PolBkgUnits        = "ng/m3"
```

/

```
&ADMS_POLLUTANT_DETAILS
PolName            = "Arsenic"
```

Emissions to air risk assessment

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```
PolPollutantType      = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType            = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA      = 1.0e-4
PolWetWashoutB      = 6.4e-1
PolConvFactor       = 1.0e+0
PolBkgLevel         = 7.175e-1
PolBkgUnits         = "ng/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName      = "Antimony"
PolPollutantType      = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType            = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA      = 1.0e-4
PolWetWashoutB      = 6.4e-1
PolConvFactor       = 1.0e+0
PolBkgLevel         = 0.0e+0
PolBkgUnits         = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName      = "Cadmium"
PolPollutantType      = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType            = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
```

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```
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4  
PolWetWashoutB = 6.4e-1  
PolConvFactor = 1.0e+0  
PolBkgLevel = 1.62457143e-1  
PolBkgUnits = "ng/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS  
PolName = "Copper"  
PolPollutantType = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType = 1  
PolParDepVelocityKnown = 0  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4  
PolWetWashoutB = 6.4e-1  
PolConvFactor = 1.0e+0  
PolBkgLevel = 7.095714286e+0  
PolBkgUnits = "ng/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS  
PolName = "Silver"  
PolPollutantType = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType = 1  
PolParDepVelocityKnown = 0  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4  
PolWetWashoutB = 6.4e-1  
PolConvFactor = 1.0e+0  

```

Emissions to air risk assessment
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PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "Zinc"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 1.512071429e+1
PolBkgUnits = "ng/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "PCDD/PCDF (I-TEQ)"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "Bismuth"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0

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```
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"
```

/

```
&ADMS_POLLUTANT_DETAILS
PolName = "Tin"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"
```

/

```
&ADMS_POLLUTANT_DETAILS
PolName = "Nickel"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
```

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```
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "Manganese"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_SOURCE_DETAILS
SrcName            = "A1"
SrcMainBuilding    = "(Auto)"
SrcHeight          = 3.65e+1
SrcDiameter        = 1.49e+0
SrcVolFlowRate     = 2.6155e+1
SrcVertVeloc       = 1.5e+1
SrcTemperature     = 1.3e+1
SrcMolWeight       = 2.8966e+1
SrcDensity         = 1.225e+0
SrcSpecHeatCap     = 1.012e+3
SrcSourceType      = 0
SrcReleaseAtNTP    = 0
SrcEffluxType      = 0
SrcBuoyancyType    = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1              = 5.61477e+5
SrcY1              = 1.75337e+5
SrcL1              = 1.0e+0
SrcL2              = 1.0e+0
SrcFm              = 1.0e+0
SrcFb              = 1.0e+0
SrcMassFlux        = 1.0e+0
SrcAngle1          = 0.0e+0
SrcAngle2          = 0.0e+0
SrcMassH2O         = 0.0e+0
SrcUseVARFile      = 1
SrcNumGroups       = 1
SrcGroup =
```

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```
"Process stacks"
SrcNumVertices      = 0
SrcNumPollutants    = 8
SrcPollutants =
  "PM10" "Lead" "Arsenic" "Antimony"
  "Cadmium" "Copper" "Silver" "Zinc"
SrcPolEmissionRate =
  4.508e-2 8.024e-4 4.417e-6 5.409e-5
  4.147e-6 3.426e-5 9.015e-6 9.917e-4
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes      = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "A2"
SrcMainBuilding = "(Auto)"
SrcHeight     = 3.65e+1
SrcDiameter   = 1.49e+0
SrcVolFlowRate = 2.6155e+1
SrcVertVeloc  = 1.5e+1
SrcTemperature = 2.4e+1
SrcMolWeight   = 2.8966e+1
SrcDensity     = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType  = 0
SrcReleaseAtNTP = 0
SrcEffluxType  = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1          = 5.6152017e+5
SrcY1          = 1.7540831e+5
SrcL1          = 1.0e+0
SrcL2          = 1.0e+0
SrcFm          = 1.0e+0
SrcFb          = 1.0e+0
SrcMassFlux    = 1.0e+0
SrcAngle1      = 0.0e+0
SrcAngle2      = 0.0e+0
SrcMassH2O     = 0.0e+0
SrcUseVARFile  = 1
SrcNumGroups   = 1
SrcGroup =
  "Process stacks"
SrcNumVertices      = 0
SrcNumPollutants    = 11
SrcPollutants =
  "PM10" "Lead" "Arsenic" "Antimony"
  "Cadmium" "Copper" "Silver" "Zinc"
  "PCDD/PCDF (I-TEQ)" "VOC" "SO2"
SrcPolEmissionRate =
  5.876e-2 2.351e-2 6.464e-6 7.199e-5
  7.199e-6 2.938e-4 2.351e-5 1.616e-3
  1.469e-9 5.876e-1 2.938e-3
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
```

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```
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes    = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName           = "A4"
SrcMainBuilding   = "(Auto)"
SrcHeight         = 3.65e+1
SrcDiameter       = 1.95e+0
SrcVolFlowRate    = 0.0e+0
SrcVertVeloc      = 0.0e+0
SrcTemperature    = 3.3e+1
SrcMolWeight      = 2.8966e+1
SrcDensity        = 1.225e+0
SrcSpecHeatCap    = 1.012e+3
SrcSourceType     = 0
SrcReleaseAtNTP   = 0
SrcEffluxType     = 0
SrcBuoyancyType   = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1             = 5.61436e+5
SrcY1             = 1.75305e+5
SrcL1             = 1.0e+0
SrcL2             = 1.0e+0
SrcFm             = 1.0e+0
SrcFb             = 1.0e+0
SrcMassFlux       = 1.0e+0
SrcAngle1         = 0.0e+0
SrcAngle2         = 0.0e+0
SrcMassH2O        = 0.0e+0
SrcUseVARFile     = 1
SrcNumGroups      = 2
SrcGroup =
  "Process stacks" "Ag Rotary"
SrcNumVertices     = 0
SrcNumPollutants   = 16
SrcPollutants =
  "PM10" "SO2" "Lead" "Arsenic"
  "Antimony" "Cadmium" "Copper" "Silver"
  "Zinc" "NOx" "PCDD/PCDF (I-TEQ)" "Bismuth"
  "Tin" "Nickel" "Manganese" "VOC"
SrcPolEmissionRate =
5.329e-2 1.577e-1 1.066e-2 1.279e-4
1.066e-5 5.435e-6 3.624e-5 1.279e-5
7.789e-4 1.556e-1 1.066e-9 2.664e-5
2.664e-5 8.1e-4 2.664e-5 4.263e-1
SrcPolTotalemission =
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes    = 0
```

/

```
&ADMS_SOURCE_DETAILS
SrcName      = "A5"
SrcMainBuilding = "(Auto)"
SrcHeight     = 3.65e+1
SrcDiameter   = 2.01e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc  = 0.0e+0
SrcTemperature = 3.5e+1
SrcMolWeight   = 2.8966e+1
SrcDensity     = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType  = 0
SrcReleaseAtNTP = 0
SrcEffluxType  = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1          = 5.61432e+5
SrcY1          = 1.75312e+5
SrcL1          = 1.0e+0
SrcL2          = 1.0e+0
SrcFm          = 1.0e+0
SrcFb          = 1.0e+0
SrcMassFlux    = 1.0e+0
SrcAngle1      = 0.0e+0
SrcAngle2      = 0.0e+0
SrcMassH2O     = 0.0e+0
SrcUseVARFile  = 1
SrcNumGroups   = 2
SrcGroup       =
  "Process stacks" "Ag Rotary"
SrcNumVertices = 0
SrcNumPollutants = 16
SrcPollutants =
  "PM10" "SO2" "Lead" "Arsenic"
  "Antimony" "Cadmium" "Copper" "Silver"
  "Zinc" "NOx" "PCDD/PCDF (I-TEQ)" "Bismuth"
  "VOC" "Tin" "Nickel" "Manganese"
SrcPolEmissionRate =
  4.816e-2 1.56e+0 9.633e-3 1.252e-5
  2.697e-5 6.55e-6 2.697e-5 3.66e-5
  5.587e-4 1.349e-1 9.633e-10 2.408e-5
  3.853e-1 2.408e-5 7.321e-4 2.408e-5
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "A6"
SrcMainBuilding = "(Auto)"
SrcHeight     = 3.65e+1
SrcDiameter   = 2.02e+0
```

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```
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.1e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61428e+5
SrcY1 = 1.75317e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 2
SrcGroup =
  "Process stacks" "Ag Rotary"
SrcNumVertices = 0
SrcNumPollutants = 16
SrcPollutants =
  "PM10" "SO2" "Lead" "Arsenic"
  "Antimony" "Cadmium" "Copper" "Silver"
  "Zinc" "NOx" "PCDD/PCDF (I-TEQ)" "VOC"
  "Bismuth" "Tin" "Nickel" "Manganese"
SrcPolEmissionRate =
  5.348e-2 1.131e-1 1.077e-2 1.83e-5
  4.436e-5 6.46e-6 4.77e-5 1.755e-5
  9.281e-4 5.491e-2 1.077e-9 4.307e-1
  2.692e-5 2.692e-5 8.183e-4 2.692e-5
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName = "A7"
SrcMainBuilding = "(Auto)"
SrcHeight = 9.3e+1
SrcDiameter = 4.0e+0
SrcVolFlowRate = 4.3982e+1
SrcVertVeloc = 3.5e+0
SrcTemperature = 2.7e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
```

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```
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61207e+5
SrcY1 = 1.75546e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 2
SrcGroup =
  "Process stacks" "Sb Rotary"
SrcNumVertices = 0
SrcNumPollutants = 17
SrcPollutants =
  "PM10" "SO2" "PCDD/PCDF (I-TEQ)" "VOC"
  "NOx" "CO" "Lead" "Arsenic"
  "Antimony" "Cadmium" "Copper" "Silver"
  "Zinc" "Bismuth" "Tin" "Nickel"
  "Manganese"
SrcPolEmissionRate =
  1.495e-1 4.11e-3 3.736e-9 1.495e+0
  4.596e-1 6.763e-1 3.736e-2 9.341e-6
  9.341e-6 9.341e-5 3.288e-5 2.615e-5
  2.84e-3 9.341e-5 9.341e-5 2.84e-3
  9.341e-5
SrcPolTotalemission =
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0 1.0e+0 1.0e+0 1.0e+0
  1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0 0.0e+0 0.0e+0 0.0e+0
  0.0e+0
SrcNumIsotopes = 0
/
```

Appendix D

Nickel elv calculation model inputs

Emissions to air risk assessment

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&ADMS_HEADER

Comment = "This is an ADMS parameter file"
Model = "ADMS"
Version = 6.0
FileVersion = 9
Complete = 1
/

&ADMS_PARAMETERS_SUP

SupSiteName = "Britannia Refined Metals Ltd"
SupProjectName = "EPR/BM4945IW/V009 - ELV run 2"
SupUseAddInput = 0
SupAddInputPath = ""
SupReleaseType = 0
SupModelBuildings = 1
SupModelComplexTerrain = 0
SupModelCoastline = 0
SupCalcChm = 0
SupCalcDryDep = 0
SupCalcWetDep = 0
SupCalcPlumeVisibility = 0
SupModelFluctuations = 0
SupModelRadioactivity = 0
SupModelOdours = 0
SupPaletteType = 1
SupUseTimeVaryingEmissions = 0
SupTimeVaryingEmissionsType = 0
SupTimeVaryingVARPath = ""
SupTimeVaryingFACPath = ""

SupUseTimeVaryingScreenBySource = "11110010"

SupTimeVaryingEmissionFactorsWeekday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

SupTimeVaryingEmissionFactorsSaturday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

SupTimeVaryingEmissionFactorsSunday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

/

&ADMS_PARAMETERS_MET

MetLatitude = 5.2e+1
MetDataSource = 0
MetDataFileWellFormedPath = "C:\Users\craig\Documents\ADMS 6.0\BRM\Met data\charladms21.met"
MetWindHeight = 1.0e+1
MetWindInSectors = 0
MetWindSectorSizeDegrees = 1.0e+1
MetDataIsSequential = 1
MetUseSubset = 0
MetSubsetHourStart = 1
MetSubsetDayStart = 1
MetSubsetMonthStart = 1
MetSubsetYearStart = 2024
MetSubsetHourEnd = 24
MetSubsetDayEnd = 31

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```
MetSubsetMonthEnd      = 12
MetSubsetYearEnd       = 2024
MetUseVerticalProfile  = 0
MetVerticalProfilePath = " "
Met_DS_RoughnessMode   = 1
Met_DS_Roughness       = 1.0e+0
Met_DS_UseAdvancedMet  = 0
Met_DS_SurfaceAlbedoMode = 0
Met_DS_SurfaceAlbedo   = 2.3e-1
Met_DS_PriestlyTaylorMode = 0
Met_DS_PriestlyTaylor  = 1.0e+0
Met_DS_MinLmoMode      = 0
Met_DS_MinLmo          = 1.0e+0
Met_DS_PrecipFactorMode = 0
Met_DS_PrecipFactor    = 1.0e+0
Met_MS_RoughnessMode   = 1
Met_MS_Roughness       = 1.0e+0
Met_MS_UseAdvancedMet  = 0
Met_MS_SurfaceAlbedoMode = 3
Met_MS_SurfaceAlbedo   = 2.3e-1
Met_MS_PriestlyTaylorMode = 3
Met_MS_PriestlyTaylor  = 1.0e+0
Met_MS_MinLmoMode      = 3
Met_MS_MinLmo          = 1.0e+0
MetHeatFluxType        = 0
MetInclBoundaryLyrHt   = 1
MetInclSurfaceTemp     = 0
MetInclLateralSpread   = 0
MetInclRelHumidity      = 0
MetHandNumEntries      = 0
/
&ADMS_PARAMETERS_BLD
BldNumBuildings = 5
BldName =
  "ISA Refinery" "Secondary refinery" "Dust plant" "CX building"
  "Seacon warehouse"
BldType =
  0 0 0 0
  0
BldX =
  5.61454e+5 5.61299e+5 5.61344e+5 5.61250e+5
  5.61620e+5
BldY =
  1.75384e+5 1.75534e+5 1.75591e+5 1.75640e+5
  1.75340e+5
BldHeight =
  1.9e+1 1.6e+1 1.5e+1 2.7e+1
  2.0e+1
BldLength =
  1.60e+2 1.60e+2 5.0e+1 1.00e+2
  2.15e+2
BldWidth =
  3.5e+1 3.2e+1 3.2e+1 4.2e+1
  1.10e+2
BldAngle =
  5.5e+1 3.25e+2 5.5e+1 5.5e+1
  5.5e+1
/
&ADMS_PARAMETERS_HIL
HilGridSize      = 2
HilUseTerFile     = 1
HilUseRoughFile   = 0
HilTerrainPath    = " "
HilRoughPath      = " "
HilCreateFlowField = 0
/
&ADMS_PARAMETERS_CST
```

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```
CstPoint1X      = 0.0e+0
CstPoint1Y      = 0.0e+0
CstPoint2X      = -1.000e+3
CstPoint2Y      = 1.000e+3
CstLandPointX   = 5.00e+2
CstLandPointY   = 5.00e+2
/
&ADMS_PARAMETERS_FLC
FlcAvgTime      = 9.00e+2
FlcUnitsPollutants = "ug/m3"
FlcUnitsIsotopes  = "Bq/m3"
FlcCalcToxicResponse = 0
FlcToxicExp      = 1.0e+0
FlcCalcPercentiles = 0
FlcNumPercentiles = 0
FlcCalcPDF       = 0
FlcPDFMode       = 0
FlcNumPDF        = 0
/
&ADMS_PARAMETERS_GRD
GrdSpacingType  = 0
GrdRegularMin   =
  5.59000e+5 1.71000e+5 0.0e+0
GrdRegularMax   =
  5.68000e+5 1.80000e+5 0.0e+0
GrdRegularNumPoints=
  31 31 1
GrdVarSpaceNumPointsX = 0
GrdVarSpaceNumPointsY = 0
GrdVarSpaceNumPointsZ = 0
GrdPtsNumPoints   = 1
GrdPtsPointNames  =
  "Most vulnerable location"
GrdPtsPointsX =
  5.61400e+5
GrdPtsPointsY =
  1.75200e+5
GrdPtsPointsZ =
  0.0e+0
GrdPtsUsePointsFile = 0
GrdPtsPointsFilePath = " "
GrdPtsUsePoints     = 1
GrdUseGrid          = 1
/
&ADMS_PARAMETERS_PUF
PufType            = 0
PufStart           = 1.00e+2
PufStep            = 1.00e+2
PufNumSteps        = 10
/
&ADMS_PARAMETERS_GAM
GamCalcDose        = 0
/
&ADMS_PARAMETERS_OPT
OptNumOutputs       = 18
OptPolName          =
  "NOx" "CO" "PM10" "Lead"
  "Arsenic" "Antimony" "Cadmium" "Copper"
  "Silver" "Zinc" "SO2" "SO2"
  "PCDD/PCDF (I-TEQ)" "Bismuth" "Tin" "Nickel"
  "Manganese" "VOC"
OptInclude          =
  0 0 0 0
  1 0 1 0
  0 0 0 0
  0 0 0 1
  0 0
```

```

OptShortOrLong      =
1 1 1 1
1 1 1 1
1 1 1 1
1 1 1 1
1 1
OptSamplingTime      =
1.0e+0 8.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.5e+1 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0
OptSamplingTimeUnits =
3 0 3 3
3 3 3 3
3 3 2 3
3 3 3 3
3 3
OptCondition          =
0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0
0 0
OptNumPercentiles     =
1 1 1 0
1 0 1 0
0 0 1 1
0 0 0 1
0 0
OptNumExceedences     =
1 1 1 2
1 2 1 1
0 0 1 1
0 0 0 1
2 1
OptPercentiles         =
9.979e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
9.041e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
9.99e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
9.973e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0

```

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```
1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
OptExceedences =
2.00e+2 1.8e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.0e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e-1 2.5e-1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
6.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.50e+2 5.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e+0 5.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e-2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
2.66e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
3.50e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
2.0e+1 2.0e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.500e+3 1.5e-1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
OptUnits =
"ug/m3" "mg/m3" "ug/m3" "ug/m3"
"ng/m3" "ug/m3" "ng/m3" "ug/m3"
"ug/m3" "ug/m3" "ug/m3" "ug/m3"
"ug/m3" "ug/m3" "ug/m3" "ng/m3"
"ug/m3" "ug/m3"
OptValidity =
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1
OptGroupsOrSource = 0
OptAllSources = 1
OptNumGroups = 0
OptIncludedSource = "A1"
OptCreateComprehensiveFile = 0
OptOutputPerSource = 0
/
&ADMS_PARAMETERS_CHM
ChmScheme = 1
/
&ADMS_PARAMETERS_BKG
BkgFilePath = ""
```

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```
BkgFixedLevels = 1
/
&ADMS_COORDINATESYSTEM
ProjectedEPSG      = 27700
ProjectedName      = "OSGB 1936 British National Grid (epsg:27700)"
ProjectedWKT       = " "
/
&ADMS_PARAMETERS_ETC
SrcNumSources      = 6
PolNumPollutants   = 24
PolNumIsotopes     = 0
/
&ADMS_MAPPERPROJECT
ProjectFilePath     = "C:\Users\craig\Documents\ADMS 6.0\BRM\Final new scenario\Final new scenario.mpj"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "NOx"
PolPollutantType   = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 1.5e-3
PolGasType         = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 5.2e-1
PolBkgLevel        = 2.849682659e+1
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "NO2"
PolPollutantType   = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
```

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PolConvFactor = 5.2e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/

&ADMS_POLLUTANT_DETAILS
PolName = "NO"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 8.0e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/

&ADMS_POLLUTANT_DETAILS
PolName = "O3"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 5.0e-1
PolBkgLevel = 4.352401e+1
PolBkgUnits = "ug/m3"
/

&ADMS_POLLUTANT_DETAILS
PolName = "VOC"
PolPollutantType = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1

Emissions to air risk assessment

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```
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 3.1e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "SO2"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 1.2e-2
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 3.7e-1
PolBkgLevel = 9.0292e-1
PolBkgUnits = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "PM10"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-5
PolParDensity =
1.000e+3
```

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```
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 1.0e+0  
PolBkgLevel        = 2.061642352e+1  
PolBkgUnits        = "ug/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS  
PolName            = "PM2.5"  
PolPollutantType   = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType         = 1  
PolParDepVelocityKnown = 1  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
2.5e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 1.0e+0  
PolBkgLevel        = 0.0e+0  
PolBkgUnits        = "ug/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS  
PolName            = "CO"  
PolPollutantType   = 0  
PolGasDepVelocityKnown = 0  
PolGasDepositionVelocity = 0.0e+0  
PolGasType         = 1  
PolParDepVelocityKnown = 1  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 8.6e-1  
PolBkgLevel        = 3.75e-1  
PolBkgUnits        = "mg/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "BENZENE"
PolPollutantType   = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA      = 1.0e-4
PolWetWashoutB      = 6.4e-1
PolConvFactor       = 3.1e-1
PolBkgLevel         = 0.0e+0
PolBkgUnits         = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "BUTADIENE"
PolPollutantType   = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA      = 1.0e-4
PolWetWashoutB      = 6.4e-1
PolConvFactor       = 4.5e-1
PolBkgLevel         = 0.0e+0
PolBkgUnits         = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "HCl"
PolPollutantType   = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 2.5e-2
PolGasType         = 0
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
```

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```
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4  
PolWetWashoutB = 6.4e-1  
PolConvFactor = 6.589e-1  
PolBkgLevel = 0.0e+0  
PolBkgUnits = "ppb"  
/
```

```
&ADMS_POLLUTANT_DETAILS  
PolName = "Lead"  
PolPollutantType = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType = 1  
PolParDepVelocityKnown = 0  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4  
PolWetWashoutB = 6.4e-1  
PolConvFactor = 1.0e+0  
PolBkgLevel = 8.744285714e+0  
PolBkgUnits = "ng/m3"  
/
```

```
&ADMS_POLLUTANT_DETAILS  
PolName = "Arsenic"  
PolPollutantType = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType = 1  
PolParDepVelocityKnown = 0  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4
```

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PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 7.175e-1
PolBkgUnits = "ng/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "Antimony"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "Cadmium"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 1.62457143e-1
PolBkgUnits = "ng/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "Copper"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0

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```
PolGasType          = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 7.095714286e+0
PolBkgUnits = "ng/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "Silver"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "Zinc"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
```

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```
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 1.512071429e+1
PolBkgUnits        = "ng/m3"
/

&ADMS_POLLUTANT_DETAILS
PolName            = "PCDD/PCDF (I-TEQ)"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "Bismuth"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "Tin"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "Nickel"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "Manganese"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
```

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```
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/

&ADMS_SOURCE_DETAILS
SrcName      = "A1"
SrcMainBuilding = "(Auto)"
SrcHeight    = 3.65e+1
SrcDiameter  = 1.49e+0
SrcVolFlowRate = 2.6155e+1
SrcVertVeloc = 1.5e+1
SrcTemperature = 1.3e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.61477e+5
SrcY1        = 1.75337e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
SrcFb        = 1.0e+0
SrcMassFlux  = 1.0e+0
SrcAngle1    = 0.0e+0
SrcAngle2    = 0.0e+0
SrcMassH2O   = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 2
SrcPollutants =
  "Arsenic" "Cadmium"
SrcPolEmissionRate =
  4.417e-6 4.147e-6
SrcPolTotalEmission =
  1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "A2"
SrcMainBuilding = "(Auto)"
SrcHeight    = 3.65e+1
```

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SrcDiameter = 1.49e+0
SrcVolFlowRate = 2.6155e+1
SrcVertVeloc = 1.5e+1
SrcTemperature = 2.4e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.6152017e+5
SrcY1 = 1.7540831e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 2
SrcPollutants =
"Arsenic" "Cadmium"
SrcPolEmissionRate =
6.464e-6 7.199e-6
SrcPolTotalEmission =
1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

&ADMS_SOURCE_DETAILS
SrcName = "A4"
SrcMainBuilding = "(Auto)"
SrcHeight = 3.65e+1
SrcDiameter = 1.95e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.3e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61436e+5
SrcY1 = 1.75305e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0

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```
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "Arsenic" "Cadmium" "Nickel"
SrcPolEmissionRate =
  2.664e-4 2.664e-4 9.592e-4
SrcPolTotalEmission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName = "A5"
SrcMainBuilding = "(Auto)"
SrcHeight = 3.65e+1
SrcDiameter = 2.01e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.5e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61432e+5
SrcY1 = 1.75312e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
  "Arsenic" "Cadmium" "Nickel"
SrcPolEmissionRate =
  2.408e-4 2.408e-4 8.669e-4
SrcPolTotalEmission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName = "A6"
SrcMainBuilding = "(Auto)"
```

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SrcHeight = 3.65e+1
SrcDiameter = 2.02e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.1e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61428e+5
SrcY1 = 1.75317e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 3
SrcPollutants =
"Arsenic" "Cadmium" "Nickel"
SrcPolEmissionRate =
2.692e-4 2.692e-4 9.691e-4
SrcPolTotalEmission =
1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

&ADMS_SOURCE_DETAILS
SrcName = "A7"
SrcMainBuilding = "(Auto)"
SrcHeight = 9.3e+1
SrcDiameter = 4.0e+0
SrcVolFlowRate = 4.3982e+1
SrcVertVeloc = 3.5e+0
SrcTemperature = 2.7e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61207e+5
SrcY1 = 1.75546e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0

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```
SrcMassH2O      = 0.0e+0
SrcUseVARFile   = 1
SrcNumGroups    = 1
SrcGroup =
  "Process stacks"
SrcNumVertices  = 0
SrcNumPollutants = 3
SrcPollutants =
  "Arsenic" "Cadmium" "Nickel"
SrcPolEmissionRate =
  9.341e-4 9.341e-4 3.363e-3
SrcPolTotalEmission =
  1.0e+0 1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0 0.0e+0
SrcNumIsotopes  = 0
/
```

Appendix E

Arsenic and cadmium elv calculation model inputs

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&ADMS_HEADER

Comment = "This is an ADMS parameter file"
Model = "ADMS"
Version = 6.0
FileVersion = 9
Complete = 1
/

&ADMS_PARAMETERS_SUP

SupSiteName = "Britannia Refined Metals Ltd"
SupProjectName = "EPR/BM4945IW/V009 - ELV run 2"
SupUseAddInput = 0
SupAddInputPath = ""
SupReleaseType = 0
SupModelBuildings = 1
SupModelComplexTerrain = 0
SupModelCoastline = 0
SupCalcChm = 0
SupCalcDryDep = 0
SupCalcWetDep = 0
SupCalcPlumeVisibility = 0
SupModelFluctuations = 0
SupModelRadioactivity = 0
SupModelOdours = 0
SupPaletteType = 1
SupUseTimeVaryingEmissions = 0
SupTimeVaryingEmissionsType = 0
SupTimeVaryingVARPath = ""
SupTimeVaryingFACPath = ""

SupUseTimeVaryingScreenBySource = "11110010"

SupTimeVaryingEmissionFactorsWeekday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

SupTimeVaryingEmissionFactorsSaturday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

SupTimeVaryingEmissionFactorsSunday =

1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0

/

&ADMS_PARAMETERS_MET

MetLatitude = 5.2e+1
MetDataSource = 0
MetDataFileWellFormedPath = "C:\Users\craig\Documents\ADMS 6.0\BRM\Met data\charladms21.met"
MetWindHeight = 1.0e+1
MetWindInSectors = 0
MetWindSectorSizeDegrees = 1.0e+1
MetDataIsSequential = 1
MetUseSubset = 0
MetSubsetHourStart = 1
MetSubsetDayStart = 1
MetSubsetMonthStart = 1
MetSubsetYearStart = 2024
MetSubsetHourEnd = 24
MetSubsetDayEnd = 31

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```
MetSubsetMonthEnd      = 12
MetSubsetYearEnd       = 2024
MetUseVerticalProfile  = 0
MetVerticalProfilePath = " "
Met_DS_RoughnessMode   = 1
Met_DS_Roughness       = 1.0e+0
Met_DS_UseAdvancedMet  = 0
Met_DS_SurfaceAlbedoMode = 0
Met_DS_SurfaceAlbedo   = 2.3e-1
Met_DS_PriestlyTaylorMode = 0
Met_DS_PriestlyTaylor  = 1.0e+0
Met_DS_MinLmoMode     = 0
Met_DS_MinLmo         = 1.0e+0
Met_DS_PrecipFactorMode = 0
Met_DS_PrecipFactor    = 1.0e+0
Met_MS_RoughnessMode   = 1
Met_MS_Roughness       = 1.0e+0
Met_MS_UseAdvancedMet  = 0
Met_MS_SurfaceAlbedoMode = 3
Met_MS_SurfaceAlbedo   = 2.3e-1
Met_MS_PriestlyTaylorMode = 3
Met_MS_PriestlyTaylor  = 1.0e+0
Met_MS_MinLmoMode     = 3
Met_MS_MinLmo         = 1.0e+0
MetHeatFluxType        = 0
MetInclBoundaryLyrHt   = 1
MetInclSurfaceTemp     = 0
MetInclLateralSpread   = 0
MetInclRelHumidity     = 0
MetHandNumEntries     = 0
/
&ADMS_PARAMETERS_BLD
BldNumBuildings = 5
BldName =
  "ISA Refinery" "Secondary refinery" "Dust plant" "CX building"
  "Seacon warehouse"
BldType =
  0 0 0 0
  0
BldX =
  5.61454e+5 5.61299e+5 5.61344e+5 5.61250e+5
  5.61620e+5
BldY =
  1.75384e+5 1.75534e+5 1.75591e+5 1.75640e+5
  1.75340e+5
BldHeight =
  1.9e+1 1.6e+1 1.5e+1 2.7e+1
  2.0e+1
BldLength =
  1.60e+2 1.60e+2 5.0e+1 1.00e+2
  2.15e+2
BldWidth =
  3.5e+1 3.2e+1 3.2e+1 4.2e+1
  1.10e+2
BldAngle =
  5.5e+1 3.25e+2 5.5e+1 5.5e+1
  5.5e+1
/
&ADMS_PARAMETERS_HIL
HilGridSize      = 2
HilUseTerFile    = 1
HilUseRoughFile  = 0
HilTerrainPath   = " "
HilRoughPath     = " "
HilCreateFlowField = 0
/
&ADMS_PARAMETERS_CST
```

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```
CstPoint1X      = 0.0e+0
CstPoint1Y      = 0.0e+0
CstPoint2X      = -1.000e+3
CstPoint2Y      = 1.000e+3
CstLandPointX   = 5.00e+2
CstLandPointY   = 5.00e+2
/
&ADMS_PARAMETERS_FLC
FlcAvgTime      = 9.00e+2
FlcUnitsPollutants = "ug/m3"
FlcUnitsIsotopes  = "Bq/m3"
FlcCalcToxicResponse = 0
FlcToxicExp      = 1.0e+0
FlcCalcPercentiles = 0
FlcNumPercentiles = 0
FlcCalcPDF       = 0
FlcPDFMode       = 0
FlcNumPDF        = 0
/
&ADMS_PARAMETERS_GRD
GrdSpacingType  = 0
GrdRegularMin   =
  5.59000e+5 1.71000e+5 0.0e+0
GrdRegularMax   =
  5.68000e+5 1.80000e+5 0.0e+0
GrdRegularNumPoints=
  31 31 1
GrdVarSpaceNumPointsX = 0
GrdVarSpaceNumPointsY = 0
GrdVarSpaceNumPointsZ = 0
GrdPtsNumPoints   = 1
GrdPtsPointNames  =
  "Most vulnerable location"
GrdPtsPointsX =
  5.61400e+5
GrdPtsPointsY =
  1.75200e+5
GrdPtsPointsZ =
  0.0e+0
GrdPtsUsePointsFile = 0
GrdPtsPointsFilePath = " "
GrdPtsUsePoints     = 1
GrdUseGrid          = 1
/
&ADMS_PARAMETERS_PUF
PufType            = 0
PufStart           = 1.00e+2
PufStep            = 1.00e+2
PufNumSteps        = 10
/
&ADMS_PARAMETERS_GAM
GamCalcDose        = 0
/
&ADMS_PARAMETERS_OPT
OptNumOutputs       = 18
OptPolName          =
  "NOx" "CO" "PM10" "Lead"
  "Arsenic" "Antimony" "Cadmium" "Copper"
  "Silver" "Zinc" "SO2" "SO2"
  "PCDD/PCDF (I-TEQ)" "Bismuth" "Tin" "Nickel"
  "Manganese" "VOC"
OptInclude          =
  0 0 0 0
  1 0 1 0
  0 0 0 0
  0 0 0 0
  0 0
```

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```

OptShortOrLong      =
1 1 1 1
1 1 1 1
1 1 1 1
1 1 1 1
1 1
OptSamplingTime      =
1.0e+0 8.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0 1.5e+1 1.0e+0
1.0e+0 1.0e+0 1.0e+0 1.0e+0
1.0e+0 1.0e+0
OptSamplingTimeUnits =
3 0 3 3
3 3 3 3
3 3 2 3
3 3 3 3
3 3
OptCondition          =
0 0 0 0
0 0 0 0
0 0 0 0
0 0 0 0
0 0
OptNumPercentiles     =
1 1 1 0
1 0 1 0
0 0 1 1
0 0 0 1
0 0
OptNumExceedences     =
1 1 1 2
1 2 1 1
0 0 1 1
0 0 0 1
2 1
OptPercentiles         =
9.979e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
9.041e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
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0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
9.99e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
9.973e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0

```

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```
1.00e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
OptExceedences =
2.00e+2 1.8e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.0e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e-1 2.5e-1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
6.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.50e+2 5.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e+0 5.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e-2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
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0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
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0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
2.66e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
3.50e+2 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
2.0e+1 2.0e+1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
1.500e+3 1.5e-1 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
5.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
0.0e+0 0.0e+0 0.0e+0 0.0e+0 0.0e+0
OptUnits =
"ug/m3" "mg/m3" "ug/m3" "ug/m3"
"ng/m3" "ug/m3" "ng/m3" "ug/m3"
"ug/m3" "ug/m3" "ug/m3" "ug/m3"
"ug/m3" "ug/m3" "ug/m3" "ng/m3"
"ug/m3" "ug/m3"
OptValidity =
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1 7.5e+1 7.5e+1
7.5e+1 7.5e+1
OptGroupsOrSource = 0
OptAllSources = 1
OptNumGroups = 0
OptIncludedSource = "A1"
OptCreateComprehensiveFile = 0
OptOutputPerSource = 0
/
&ADMS_PARAMETERS_CHM
ChmScheme = 1
/
&ADMS_PARAMETERS_BKG
BkgFilePath = ""
```

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```
BkgFixedLevels = 1
/
&ADMS_COORDINATESYSTEM
ProjectedEPSG      = 27700
ProjectedName      = "OSGB 1936 British National Grid (epsg:27700)"
ProjectedWKT       = " "
/
&ADMS_PARAMETERS_ETC
SrcNumSources      = 6
PolNumPollutants   = 24
PolNumIsotopes     = 0
/
&ADMS_MAPPERPROJECT
ProjectFilePath    = "C:\Users\craig\Documents\ADMS 6.0\BRM\Final new scenario\Final new scenario.mpj"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "NOx"
PolPollutantType   = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 1.5e-3
PolGasType         = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 5.2e-1
PolBkgLevel        = 2.849682659e+1
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "NO2"
PolPollutantType   = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
```

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PolConvFactor = 5.2e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/

&ADMS_POLLUTANT_DETAILS
PolName = "NO"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 8.0e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/

&ADMS_POLLUTANT_DETAILS
PolName = "O3"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 5.0e-1
PolBkgLevel = 4.352401e+1
PolBkgUnits = "ug/m3"
/

&ADMS_POLLUTANT_DETAILS
PolName = "VOC"
PolPollutantType = 0
PolGasDepVelocityKnown = 0
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1

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```
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 3.1e-1
PolBkgLevel = 0.0e+0
PolBkgUnits = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "SO2"
PolPollutantType = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 1.2e-2
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 3.7e-1
PolBkgLevel = 9.0292e-1
PolBkgUnits = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName = "PM10"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-5
PolParDensity =
1.000e+3
```

```
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 1.0e+0  
PolBkgLevel        = 2.061642352e+1  
PolBkgUnits        = "ug/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS  
PolName            = "PM2.5"  
PolPollutantType   = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType         = 1  
PolParDepVelocityKnown = 1  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
2.5e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 1.0e+0  
PolBkgLevel        = 0.0e+0  
PolBkgUnits        = "ug/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS  
PolName            = "CO"  
PolPollutantType   = 0  
PolGasDepVelocityKnown = 0  
PolGasDepositionVelocity = 0.0e+0  
PolGasType         = 1  
PolParDepVelocityKnown = 1  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout      = 0.0e+0  
PolWetWashoutA     = 1.0e-4  
PolWetWashoutB     = 6.4e-1  
PolConvFactor      = 8.6e-1  
PolBkgLevel        = 3.75e-1  
PolBkgUnits        = "mg/m3"  
/  

```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "BENZENE"
PolPollutantType  = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType        = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 3.1e-1
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "BUTADIENE"
PolPollutantType  = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType        = 1
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 4.5e-1
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ppb"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "HCl"
PolPollutantType  = 0
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 2.5e-2
PolGasType        = 0
PolParDepVelocityKnown = 1
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
```

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```
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4  
PolWetWashoutB = 6.4e-1  
PolConvFactor = 6.589e-1  
PolBkgLevel = 0.0e+0  
PolBkgUnits = "ppb"  
/
```

```
&ADMS_POLLUTANT_DETAILS  
PolName = "Lead"  
PolPollutantType = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType = 1  
PolParDepVelocityKnown = 0  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4  
PolWetWashoutB = 6.4e-1  
PolConvFactor = 1.0e+0  
PolBkgLevel = 8.744285714e+0  
PolBkgUnits = "ng/m3"  
/
```

```
&ADMS_POLLUTANT_DETAILS  
PolName = "Arsenic"  
PolPollutantType = 1  
PolGasDepVelocityKnown = 1  
PolGasDepositionVelocity = 0.0e+0  
PolGasType = 1  
PolParDepVelocityKnown = 0  
PolParTermVelocityKnown = 1  
PolParNumDepositionData = 1  
PolParDepositionVelocity =  
0.0e+0  
PolParTerminalVelocity =  
0.0e+0  
PolParDiameter =  
1.0e-6  
PolParDensity =  
1.000e+3  
PolParMassFraction =  
1.0e+0  
PolWetWashoutKnown = 1  
PolWetWashout = 0.0e+0  
PolWetWashoutA = 1.0e-4
```

Emissions to air risk assessment

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PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 7.175e-1
PolBkgUnits = "ng/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "Antimony"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "Cadmium"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 1.62457143e-1
PolBkgUnits = "ng/m3"

/

&ADMS_POLLUTANT_DETAILS
PolName = "Copper"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0

Emissions to air risk assessment

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```
PolGasType          = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 7.095714286e+0
PolBkgUnits = "ng/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "Silver"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout = 0.0e+0
PolWetWashoutA = 1.0e-4
PolWetWashoutB = 6.4e-1
PolConvFactor = 1.0e+0
PolBkgLevel = 0.0e+0
PolBkgUnits = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName          = "Zinc"
PolPollutantType = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType       = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
```

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```
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 1.512071429e+1
PolBkgUnits        = "ng/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "PCDD/PCDF (I-TEQ)"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName            = "Bismuth"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "Tin"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "Nickel"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/
```

```
&ADMS_POLLUTANT_DETAILS
PolName           = "Manganese"
PolPollutantType   = 1
PolGasDepVelocityKnown = 1
PolGasDepositionVelocity = 0.0e+0
PolGasType         = 1
PolParDepVelocityKnown = 0
PolParTermVelocityKnown = 1
PolParNumDepositionData = 1
PolParDepositionVelocity =
```

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```
0.0e+0
PolParTerminalVelocity =
0.0e+0
PolParDiameter =
1.0e-6
PolParDensity =
1.000e+3
PolParMassFraction =
1.0e+0
PolWetWashoutKnown = 1
PolWetWashout      = 0.0e+0
PolWetWashoutA     = 1.0e-4
PolWetWashoutB     = 6.4e-1
PolConvFactor      = 1.0e+0
PolBkgLevel        = 0.0e+0
PolBkgUnits        = "ug/m3"
/

&ADMS_SOURCE_DETAILS
SrcName      = "A1"
SrcMainBuilding = "(Auto)"
SrcHeight    = 3.65e+1
SrcDiameter  = 1.49e+0
SrcVolFlowRate = 2.6155e+1
SrcVertVeloc = 1.5e+1
SrcTemperature = 1.3e+1
SrcMolWeight  = 2.8966e+1
SrcDensity    = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1        = 5.61477e+5
SrcY1        = 1.75337e+5
SrcL1        = 1.0e+0
SrcL2        = 1.0e+0
SrcFm        = 1.0e+0
SrcFb        = 1.0e+0
SrcMassFlux  = 1.0e+0
SrcAngle1    = 0.0e+0
SrcAngle2    = 0.0e+0
SrcMassH2O   = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 2
SrcPollutants =
  "Arsenic" "Cadmium"
SrcPolEmissionRate =
  4.417e-6 4.147e-6
SrcPolTotalEmission =
  1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName      = "A2"
SrcMainBuilding = "(Auto)"
SrcHeight    = 3.65e+1
```

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SrcDiameter = 1.49e+0
SrcVolFlowRate = 2.6155e+1
SrcVertVeloc = 1.5e+1
SrcTemperature = 2.4e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.6152017e+5
SrcY1 = 1.7540831e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 2
SrcPollutants =
"Arsenic" "Cadmium"
SrcPolEmissionRate =
6.464e-6 7.199e-6
SrcPolTotalEmission =
1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

&ADMS_SOURCE_DETAILS
SrcName = "A4"
SrcMainBuilding = "(Auto)"
SrcHeight = 3.65e+1
SrcDiameter = 1.95e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.3e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61436e+5
SrcY1 = 1.75305e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0

Emissions to air risk assessment

EPR/BM4945IW/V009 Schedule 5 No. 2 response

```
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 2
SrcPollutants =
  "Arsenic" "Cadmium"
SrcPolEmissionRate =
  2.132e-4 2.132e-4
SrcPolTotalemission =
  1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName = "A5"
SrcMainBuilding = "(Auto)"
SrcHeight = 3.65e+1
SrcDiameter = 2.01e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.5e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61432e+5
SrcY1 = 1.75312e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
  "Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 2
SrcPollutants =
  "Arsenic" "Cadmium"
SrcPolEmissionRate =
  1.927e-4 1.927e-4
SrcPolTotalemission =
  1.0e+0 1.0e+0
SrcPolStartTime =
  0.0e+0 0.0e+0
SrcPolDuration =
  0.0e+0 0.0e+0
SrcNumIsotopes = 0
/
```

```
&ADMS_SOURCE_DETAILS
SrcName = "A6"
SrcMainBuilding = "(Auto)"
```

Emissions to air risk assessment
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SrcHeight = 3.65e+1
SrcDiameter = 2.02e+0
SrcVolFlowRate = 0.0e+0
SrcVertVeloc = 0.0e+0
SrcTemperature = 3.1e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61428e+5
SrcY1 = 1.75317e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0
SrcMassH2O = 0.0e+0
SrcUseVARFile = 1
SrcNumGroups = 1
SrcGroup =
"Process stacks"
SrcNumVertices = 0
SrcNumPollutants = 2
SrcPollutants =
"Arsenic" "Cadmium"
SrcPolEmissionRate =
2.153e-4 2.153e-4
SrcPolTotalemission =
1.0e+0 1.0e+0
SrcPolStartTime =
0.0e+0 0.0e+0
SrcPolDuration =
0.0e+0 0.0e+0
SrcNumIsotopes = 0
/

&ADMS_SOURCE_DETAILS
SrcName = "A7"
SrcMainBuilding = "(Auto)"
SrcHeight = 9.3e+1
SrcDiameter = 4.0e+0
SrcVolFlowRate = 4.3982e+1
SrcVertVeloc = 3.5e+0
SrcTemperature = 2.7e+1
SrcMolWeight = 2.8966e+1
SrcDensity = 1.225e+0
SrcSpecHeatCap = 1.012e+3
SrcSourceType = 0
SrcReleaseAtNTP = 0
SrcEffluxType = 0
SrcBuoyancyType = 0
SrcPercentNOxAsNO2 = 5.0e+0
SrcX1 = 5.61207e+5
SrcY1 = 1.75546e+5
SrcL1 = 1.0e+0
SrcL2 = 1.0e+0
SrcFm = 1.0e+0
SrcFb = 1.0e+0
SrcMassFlux = 1.0e+0
SrcAngle1 = 0.0e+0
SrcAngle2 = 0.0e+0

Emissions to air risk assessment
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```
SrcMassH2O      = 0.0e+0
SrcUseVARFile   = 1
SrcNumGroups    = 1
SrcGroup =
    "Process stacks"
SrcNumVertices  = 0
SrcNumPollutants = 2
SrcPollutants =
    "Arsenic" "Cadmium"
SrcPolEmissionRate =
    7.473e-4 7.473e-4
SrcPolTotalEmission =
    1.0e+0 1.0e+0
SrcPolStartTime =
    0.0e+0 0.0e+0
SrcPolDuration =
    0.0e+0 0.0e+0
SrcNumIsotopes  = 0
/
```

Appendix F

Charlwood weather station 2021 meteorological data

Emissions to air risk assessment
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VARIABLES:

10

STATION DCNN

YEAR

TDAY

THOUR

T0C

U

PHI

P

CL

RHUM

DATA:

5261,2021,1,0,0.2,1.5,20,0,8,92
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5261,2021,1,2,0.5,1,340,0,8,92
5261,2021,1,3,0.5,1.5,340,0,8,90
5261,2021,1,4,0.4,1,350,0,8,92
5261,2021,1,5,0.4,1,330,0,8,92
5261,2021,1,6,0.4,1,10,0,8,92
5261,2021,1,7,-0.2,1.5,330,0,8,96
5261,2021,1,8,-0.7,1.5,320,0,8,95
5261,2021,1,9,-0.7,1,320,0,8,97
5261,2021,1,10,-0.4,1.5,310,0,8,95
5261,2021,1,11,-0.2,1,310,0,8,96
5261,2021,1,12,0.5,1,300,0,8,92
5261,2021,1,13,0.8,1,300,0,8,92
5261,2021,1,14,1.3,1,300,0,8,94
5261,2021,1,15,1.7,0.5,290,0,8,94
5261,2021,1,16,1.7,1,310,0,8,94
5261,2021,1,17,1.8,0.5,300,0.2,8,96
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5261,2021,1,19,2.4,0.5,310,0,8,98
5261,2021,1,20,2.7,1,300,0,8,98
5261,2021,1,21,3,1.5,310,0,8,98
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5261,2021,1,23,3.5,1,320,0,8,98
5261,2021,2,0,3.7,1.5,330,0.2,8,98
5261,2021,2,1,3.8,1.5,340,0,8,97
5261,2021,2,2,3.9,2.1,350,0,8,95
5261,2021,2,3,3.8,1.5,340,0,8,97
5261,2021,2,4,3.6,1,320,0,8,97
5261,2021,2,5,3.5,1.5,340,0,8,97
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5261,2021,2,8,3,1.2,1,330,0,8,97
5261,2021,2,9,2.8,2.1,350,0,8,95
5261,2021,2,10,2.9,1.5,340,0.2,8,96
5261,2021,2,11,3.3,1.5,350,0,8,95
5261,2021,2,12,3.7,1.5,350,0,7,90
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5261,2021,2,16,3.6,1,340,0,8,80
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5261,2021,2,19,1.4,1.5,360,0,8,87
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5261,2021,2,21,-0.6,1,20,0,8,91
5261,2021,2,22,-0.5,1,360,0,8,95
5261,2021,2,23,-0.4,1,10,0,7,94
5261,2021,3,0,-0.6,1.5,360,0,7,95
5261,2021,3,1,0.2,1,10,0,8,94
5261,2021,3,2,0.3,2.1,10,0,8,96
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5261,2021,3,4,0.6,2.6,20,0,8,98
5261,2021,3,5,0.7,3.6,30,0,8,98

5261,2021,3,6,1,1.5,30,0,8,98
5261,2021,3,7,1.5,1.5,10,0,8,96
5261,2021,3,8,1.7,1.5,360,0,8,96
5261,2021,3,9,2.1,1.5,10,0,8,96
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5261,2021,3,11,3.6,2.6,20,0,8,93
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5261,2021,3,17,3.3,3.1,30,0,8,88
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5261,2021,4,7,3.1,5.7,20,0,8,89
5261,2021,4,8,3.5,6.2,30,0,8,90
5261,2021,4,9,3.6,6.2,30,0,8,91
5261,2021,4,10,3.9,5.7,30,0,8,93
5261,2021,4,11,4.2,6.2,40,0,2,8,93
5261,2021,4,12,4.6,2.40,0,2,8,93
5261,2021,4,13,4.6,2.40,0,4,7,93
5261,2021,4,14,3.9,5.7,40,0,4,8,93
5261,2021,4,15,3.8,6.2,40,0,2,8,93
5261,2021,4,16,3.9,6.2,40,0,2,8,90
5261,2021,4,17,3.5,7.2,40,0,7,88
5261,2021,4,18,3.1,7.2,40,0,8,86
5261,2021,4,19,3.3,6.7,40,0,8,86
5261,2021,4,20,3.6,7.40,0,8,86
5261,2021,4,21,2.5,5.7,30,0,7,87
5261,2021,4,22,2.5,4.6,30,0,8,86
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5261,2021,5,12,3.5,5.1,30,0,7,88
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5261,2021,5,15,3.4,5.1,20,0,2,7,93
5261,2021,5,16,3.6,4.6,20,0,8,91
5261,2021,5,17,3.4,4.6,20,0,8,91
5261,2021,5,18,3.2,4.6,30,0,8,93
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Emissions to air risk assessment
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5261,2021,6,9,1,2,1,5,30,2,2,8,98
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5261,2021,6,11,3,1,1,5,20,0,4,8,100
5261,2021,6,12,3,9,2,6,30,0,7,96
5261,2021,6,13,4,5,3,1,40,0,8,92
5261,2021,6,14,5,4,3,6,40,0,8,86
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5261,2021,6,18,1,1,5,350,0,4,92
5261,2021,6,19,0,5,1,5,340,0,0,92
5261,2021,6,20,0,1,1,340,0,3,94
5261,2021,6,21,0,3,1,5,350,0,7,96
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5261,2021,7,2,0,5,1,5,340,0,8,98
5261,2021,7,3,0,6,1,5,340,0,8,98
5261,2021,7,4,0,2,1,5,340,0,8,96
5261,2021,7,5,0,2,2,1,340,0,8,96
5261,2021,7,6,0,2,1,5,350,0,8,94
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5261,2021,7,8,-0,2,1,290,0,8,94
5261,2021,7,9,-0,3,0,5,250,0,8,96
5261,2021,7,10,0,1,1,310,0,8,94
5261,2021,7,11,0,5,1,320,0,8,90
5261,2021,7,12,0,7,1,5,340,0,3,88
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5261,2021,7,16,0,8,1,5,310,0,0,84
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5261,2021,7,18,-2,2,0,5,240,0,0,93
5261,2021,7,19,-2,9,1,230,0,0,93
5261,2021,7,20,-1,8,1,320,0,7,98
5261,2021,7,21,-1,9,1,260,0,8,96
5261,2021,7,22,-2,1,1,270,0,8,96
5261,2021,7,23,-2,2,1,220,0,8,96
5261,2021,8,0,-2,3,1,230,0,8,96
5261,2021,8,1,-2,5,1,250,0,8,96
5261,2021,8,2,-2,5,1,220,0,8,98
5261,2021,8,3,-2,7,0,5,160,0,8,95
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5261,2021,8,11,0,1,0,5,50,0,7,98
5261,2021,8,12,1,1,20,0,0,98
5261,2021,8,13,1,5,1,90,0,3,92
5261,2021,8,14,2,1,5,90,0,7,91
5261,2021,8,15,2,5,1,5,60,0,8,89
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5261,2021,8,18,-0,1,1,5,50,0,7,94
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 5261,2021,8,22,-1.3,3.1,50,0,8,94
 5261,2021,8,23,-0.8,2.1,50,0,8,97
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 5261,2021,9,7,0.3,2.6,30,0,8,100
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 5261,2021,9,12,1.2,1.5,30,0,8,96
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 5261,2021,9,17,0.2,1,320,0,0,92
 5261,2021,9,18,-1.4,0.5,310,0,0,94
 5261,2021,9,19,-2.3,0.5,230,0,0,96
 5261,2021,9,20,-2.7,0.5,280,0,3,95
 5261,2021,9,21,-3.8,0.5,240,0,1,92
 5261,2021,9,22,-4.1,1,270,0,2,94
 5261,2021,9,23,-3.8,1,280,0,7,94
 5261,2021,10,0,-3.1,1,260,0,8,95
 5261,2021,10,1,-3.5,1,250,0,8,94
 5261,2021,10,2,-3,0.5,280,0,8,97
 5261,2021,10,3,-3,1,300,0,8,95
 5261,2021,10,4,-2.6,1,260,0,8,95
 5261,2021,10,5,-3.1,1,250,0,8,95
 5261,2021,10,6,-3.2,1,320,0,8,95
 5261,2021,10,7,-3,1,300,0,8,95
 5261,2021,10,8,-3,1,280,0,8,95
 5261,2021,10,9,-2.6,1,290,0,8,97
 5261,2021,10,10,-2.1,1,310,0,8,98
 5261,2021,10,11,-1.5,1.5,260,0,8,99
 5261,2021,10,12,-0.7,1.5,250,0,8,99
 5261,2021,10,13,0.2,1.5,250,0,8,100
 5261,2021,10,14,0.9,1.5,230,0,8,100
 5261,2021,10,15,0.9,2.1,240,0,8,100
 5261,2021,10,16,0.7,2.1,230,0,2,8,100
 5261,2021,10,17,0.8,2.1,250,0,8,100
 5261,2021,10,18,1,1,250,0,8,100
 5261,2021,10,19,1.1,2.1,250,0,8,100
 5261,2021,10,20,1.1,2.1,240,0,8,98
 5261,2021,10,21,1.2,1,230,0,8,100
 5261,2021,10,22,1.3,1.5,240,0,8,98
 5261,2021,10,23,1.5,1.5,230,0,8,98
 5261,2021,11,0,1.4,2.6,240,0,8,98
 5261,2021,11,1,1.8,2.6,240,0,8,98
 5261,2021,11,2,2.3,2.6,240,0,8,98
 5261,2021,11,3,2.4,2.1,230,0,8,98
 5261,2021,11,4,3,1.5,230,0,8,98
 5261,2021,11,5,3.7,1.5,240,0,7,97
 5261,2021,11,6,4.5,2.6,240,0,7,97
 5261,2021,11,7,4.6,2.6,230,0,8,95
 5261,2021,11,8,5.3,1,230,0,8,95
 5261,2021,11,9,4.9,3.1,240,0,7,94
 5261,2021,11,10,5.9,4.1,250,0,7,91
 5261,2021,11,11,6.9,4.6,250,0,8,84
 5261,2021,11,12,7.4,6,260,0,7,81
 5261,2021,11,13,7.4,4.1,250,0,7,81
 5261,2021,11,14,8.4,6,260,0,8,79

5261,2021,11,15,8.2,4.6,260,0,7,78
 5261,2021,11,16,8,4.6,260,0,8,78
 5261,2021,11,17,7.9,4.6,260,0,8,79
 5261,2021,11,18,7.6,4.1,250,0,8,81
 5261,2021,11,19,7.5,3.6,240,0,7,84
 5261,2021,11,20,7.7,4.1,250,0,8,83
 5261,2021,11,21,7.7,5.1,250,0,7,83
 5261,2021,11,22,7.7,5.1,240,0,8,84
 5261,2021,11,23,7.8,5.7,240,0,8,86
 5261,2021,12,0,7.8,5.1,240,0,2,8,90
 5261,2021,12,1,8,4.1,240,0,2,8,91
 5261,2021,12,2,8.8,4.1,240,0,8,89
 5261,2021,12,3,9.3,5.1,250,0,7,85
 5261,2021,12,4,9.2,6.2,260,0,4,8,88
 5261,2021,12,5,8.6,5.7,260,1,4,7,94
 5261,2021,12,6,8.5,5.1,250,1,2,8,96
 5261,2021,12,7,8.7,4.1,260,0,8,8,97
 5261,2021,12,8,9,4.1,260,0,2,8,97
 5261,2021,12,9,7.8,3.1,320,1,2,8,96
 5261,2021,12,10,8,1.5,330,0,7,96
 5261,2021,12,11,8,1.5,310,0,8,96
 5261,2021,12,12,8.5,1,310,0,8,94
 5261,2021,12,13,8.3,1.5,300,0,7,90
 5261,2021,12,14,7.7,2.1,360,0,8,87
 5261,2021,12,15,6.8,1.5,10,0,2,7,90
 5261,2021,12,16,6.3,1.5,340,0,8,86
 5261,2021,12,17,4.6,2.1,350,0,8,87
 5261,2021,12,18,2.8,1,350,0,8,91
 5261,2021,12,19,2.2,0.5,340,0,8,95
 5261,2021,12,20,2.2,1,330,0,8,91
 5261,2021,12,21,1.3,0.5,250,0,8,98
 5261,2021,12,22,0.9,0.5,320,0,8,98
 5261,2021,12,23,0.7,0.5,290,0,8,98
 5261,2021,13,0,0.4,1,260,0,8,98
 5261,2021,13,1,-0.1,1,240,0,8,100
 5261,2021,13,2,-0.4,1,250,0,8,98
 5261,2021,13,3,0.1,1.5,230,0,8,100
 5261,2021,13,4,0.5,0.5,220,0,7,100
 5261,2021,13,5,1.3,1,230,0,8,100
 5261,2021,13,6,2.4,1.5,220,0,2,8,100
 5261,2021,13,7,3.1,1.5,230,0,2,8,100
 5261,2021,13,8,3.6,2.1,230,0,2,8,100
 5261,2021,13,9,4.6,2.1,240,0,7,100
 5261,2021,13,10,5.6,2.1,240,0,2,8,100
 5261,2021,13,11,7.1,2.6,240,0,8,100
 5261,2021,13,12,8.3,1,250,0,2,8,100
 5261,2021,13,13,9.3,6,260,0,2,7,100
 5261,2021,13,14,9.8,4.1,270,0,7,96
 5261,2021,13,15,9.5,4.1,270,0,2,8,97
 5261,2021,13,16,9.5,4.1,270,0,8,97
 5261,2021,13,17,9.3,3.6,270,0,8,97
 5261,2021,13,18,9.6,3.6,270,0,8,96
 5261,2021,13,19,9.2,3.6,260,0,8,97
 5261,2021,13,20,9.2,3.1,270,0,8,97
 5261,2021,13,21,9.4,3.6,270,0,8,94
 5261,2021,13,22,9.8,3.6,270,0,8,91
 5261,2021,13,23,9.2,3.6,260,0,7,97
 5261,2021,14,0,9.1,2.6,260,0,8,99
 5261,2021,14,1,9.2,2.6,250,0,6,8,97
 5261,2021,14,2,9.2,2.1,240,0,6,8,99
 5261,2021,14,3,9.3,2.1,260,0,2,8,97
 5261,2021,14,4,9.2,2.1,240,0,4,8,99
 5261,2021,14,5,9.1,2.1,220,0,6,8,99
 5261,2021,14,6,9.1,2.1,220,1,8,100
 5261,2021,14,7,9.3,2.6,230,0,4,8,99
 5261,2021,14,8,9.3,2.6,230,0,8,8,100
 5261,2021,14,9,9.4,2.1,220,1,4,8,100

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,14,10,9.5,2.1,220,1.4,8,100
5261,2021,14,11,9.9,2.1,250,0.6,8,100
5261,2021,14,12,6.3,2.6,40,1.6,7,97
5261,2021,14,13,6,2.1,30,1.4,8,98
5261,2021,14,14,5.8,1.5,330,0.8,98
5261,2021,14,15,5.3,2.1,320,0.8,98
5261,2021,14,16,4.3,2.6,360,0.2,8,97
5261,2021,14,17,3.8,3.6,10,0,8,97
5261,2021,14,18,3.5,1,30,0.2,8,95
5261,2021,14,19,2.8,4.1,20,0,8,95
5261,2021,14,20,2.6,4.1,20,0,8,93
5261,2021,14,21,2.6,3.6,30,0,8,93
5261,2021,14,22,2.6,3.6,30,0,8,91
5261,2021,14,23,2.6,2.6,20,0,7,93
5261,2021,15,0,2.5,2.1,10,0,8,91
5261,2021,15,1,2.1,2.1,360,0,7,91
5261,2021,15,2,1.1,1.5,360,0,1,94
5261,2021,15,3,0.2,1,340,0,0,96
5261,2021,15,4,-0.2,1.5,350,0,0,96
5261,2021,15,5,-0.3,2.1,340,0,5,98
5261,2021,15,6,0.1,2.1,340,0,7,98
5261,2021,15,7,0.3,1,340,0,8,98
5261,2021,15,8,0.4,1,360,0,8,98
5261,2021,15,9,0.6,1,360,0,8,98
5261,2021,15,10,1.1,1,350,0,8,98
5261,2021,15,11,1.9,1.5,360,0,8,94
5261,2021,15,12,2.4,1.5,360,0,8,91
5261,2021,15,13,2.9,1,360,0,8,89
5261,2021,15,14,3.4,1,350,0,8,90
5261,2021,15,15,3.2,1.5,20,0,7,84
5261,2021,15,16,2.2,0.5,20,0,3,89
5261,2021,15,17,0.1,0.5,280,0,4,94
5261,2021,15,18,-1,0.5,280,0,5,97
5261,2021,15,19,-1.7,0.5,260,0,4,96
5261,2021,15,20,-2.1,0.5,170,0,4,96
5261,2021,15,21,-2,0,0,0,7,98
5261,2021,15,22,-1.4,0,0,0,8,99
5261,2021,15,23,-1.2,0.5,240,0,8,99
5261,2021,16,0,-0.1,1,160,0,8,100
5261,2021,16,1,0.3,1.5,180,0,8,98
5261,2021,16,2,1.9,2.6,180,0,8,85
5261,2021,16,3,2.3,3.6,180,0,8,76
5261,2021,16,4,2.3,4.1,190,0,8,74
5261,2021,16,5,2.3,4.1,180,0,8,74
5261,2021,16,6,1.3,4.1,180,0.2,8,90
5261,2021,16,7,1.2,3.6,180,1.2,7,98
5261,2021,16,8,2.8,4.1,180,1.2,8,98
5261,2021,16,9,4.3,5.1,190,2.2,8,97
5261,2021,16,10,5.1,6.2,200,0.8,7,98
5261,2021,16,11,5.7,6.2,200,1.6,8,98
5261,2021,16,12,6.1,5.1,210,0.4,8,97
5261,2021,16,13,6.3,3.6,230,0.4,8,98
5261,2021,16,14,6.9,1.5,240,0,8,98
5261,2021,16,15,8.4,2.1,310,0,8,90
5261,2021,16,16,7.8,1.5,310,0,6,90
5261,2021,16,17,7.3,1.5,290,0,8,88
5261,2021,16,18,7.3,1.5,260,0,8,87
5261,2021,16,19,7.5,2.6,270,0,8,83
5261,2021,16,20,7.4,2.6,290,0,8,82
5261,2021,16,21,7.2,2.6,290,0,8,84
5261,2021,16,22,7.2,2.1,290,0,8,82
5261,2021,16,23,7.2,6,290,0,8,82
5261,2021,17,0,6.9,2.6,290,0,8,76
5261,2021,17,1,6.2,6,290,0,8,72
5261,2021,17,2,5.7,2.6,280,0,8,74
5261,2021,17,3,5.4,2.6,280,0,8,76
5261,2021,17,4,5.7,3.1,290,0,8,75

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,17,5,5.7,4.1,280,0,8,77
5261,2021,17,6,5.2,3.6,290,0,8,81
5261,2021,17,7,4.4,3.6,290,0,0,83
5261,2021,17,8,3.9,2.1,290,0,4,85
5261,2021,17,9,4.7,2.1,310,0,5,79
5261,2021,17,10,5.6,3.1,310,0,4,75
5261,2021,17,11,6.2,3.6,310,0,1,73
5261,2021,17,12,7.2,3.1,310,0,1,70
5261,2021,17,13,7.7,3.1,310,0,6,65
5261,2021,17,14,7.2,3.1,320,0,7,68
5261,2021,17,15,7.2,2.6,310,0,6,68
5261,2021,17,16,6.5,2.1,320,0,3,70
5261,2021,17,17,4.9,1,290,0,7,76
5261,2021,17,18,4.7,1.5,290,0,8,77
5261,2021,17,19,2.6,1.5,250,0,8,87
5261,2021,17,20,2.4,2.1,240,0,8,87
5261,2021,17,21,2.7,2.1,250,0,8,89
5261,2021,17,22,2.6,2.6,260,0,1,94
5261,2021,17,23,2.6,2.6,260,0,0,91
5261,2021,18,0,0.2,1,250,0,2,96
5261,2021,18,1,0.2,1,250,0,7,98
5261,2021,18,2,1.9,2.6,250,0,5,98
5261,2021,18,3,1.2,2.6,240,0,1,96
5261,2021,18,4,1.5,2.6,240,0,0,100
5261,2021,18,5,0.6,2.1,240,0,0,98
5261,2021,18,6,-1.2,1.5,230,0,0,97
5261,2021,18,7,-1,1,220,0,0,99
5261,2021,18,8,0.5,2.1,230,0,1,100
5261,2021,18,9,1.8,2.6,240,0,5,100
5261,2021,18,10,3.1,2.6,230,0,2,7,98
5261,2021,18,11,4.1,2.6,230,0,7,97
5261,2021,18,12,5.3,2.6,240,0,7,89
5261,2021,18,13,6.2,6,230,0,8,86
5261,2021,18,14,6.2,2.6,220,0,8,83
5261,2021,18,15,6.9,3.1,220,0,6,85
5261,2021,18,16,6.9,3.1,220,0,7,84
5261,2021,18,17,6.7,3.6,220,0,8,88
5261,2021,18,18,7.4,1,220,0,8,91
5261,2021,18,19,7.4,4.1,220,0,8,90
5261,2021,18,20,7.8,4.6,220,0,7,90
5261,2021,18,21,7.3,5.7,210,0,8,96
5261,2021,18,22,7.7,6.2,210,0,2,8,97
5261,2021,18,23,8.1,6.2,220,0,4,8,99
5261,2021,19,0,8.7,6.2,220,0,2,8,99
5261,2021,19,1,8.9,6.7,220,0,2,8,97
5261,2021,19,2,8.9,7.2,220,0,2,8,97
5261,2021,19,3,9.7,2,220,1.6,8,97
5261,2021,19,4,9.5,5.7,230,0,8,8,99
5261,2021,19,5,10.4,5.1,230,0,8,96
5261,2021,19,6,10.3,5.7,240,0,2,8,96
5261,2021,19,7,10.3,5.7,240,0,8,95
5261,2021,19,8,10.2,5.7,240,0,8,95
5261,2021,19,9,10.1,5.1,240,0,8,96
5261,2021,19,10,10.4,5.1,240,0,8,94
5261,2021,19,11,10.2,7.2,240,0,7,92
5261,2021,19,12,10.7,2,240,0,8,86
5261,2021,19,13,9.9,6.2,240,0,7,88
5261,2021,19,14,9.6,6.2,230,0,8,92
5261,2021,19,15,9.6,2,230,0,4,7,96
5261,2021,19,16,9.1,6.7,230,0,2,8,93
5261,2021,19,17,9.1,6.7,220,0,8,95
5261,2021,19,18,9.5,6.7,220,0,7,89
5261,2021,19,19,9.4,6.7,220,0,8,89
5261,2021,19,20,8.9,7.2,210,0,2,8,94
5261,2021,19,21,9.6,7,210,0,6,7,96
5261,2021,19,22,9.2,6.7,210,0,4,8,97
5261,2021,19,23,9.6,7.7,220,0,6,8,96

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,20,0.9.5,7.7,220,0.4,8,97
5261,2021,20,1,9.5,8.2,220,0.6,8,97
5261,2021,20,2,9.4,8.7,220,0.8,8,96
5261,2021,20,3,9.3,7.7,220,0.8,96
5261,2021,20,4,9.3,7.7,220,0.4,8,96
5261,2021,20,5,9.3,7.7,220,0.2,8,96
5261,2021,20,6,9.4,7.7,220,0.2,8,96
5261,2021,20,7,9.5,7.2,220,0.7,93
5261,2021,20,8,9.3,7.2,210,0.4,8,93
5261,2021,20,9,9.2,8.2,210,0.8,8,96
5261,2021,20,10,9.4,8.2,210,1.2,7,96
5261,2021,20,11,9.3,8.2,210,0.8,8,93
5261,2021,20,12,8.6,7.2,200,0.2,8,94
5261,2021,20,13,9,7.2,200,0.8,8,95
5261,2021,20,14,8.8,6.7,200,1,8,93
5261,2021,20,15,8.5,7.2,200,0.4,8,93
5261,2021,20,16,8.4,7.7,200,0.8,8,94
5261,2021,20,17,8.5,6.7,190,1.2,8,96
5261,2021,20,18,9,7.2,200,1.8,8,93
5261,2021,20,19,9,8.2,190,0.7,85
5261,2021,20,20,8.7,8.2,180,0.8,8,89
5261,2021,20,21,9.3,8.7,180,0.8,83
5261,2021,20,22,8.5,8.7,180,1,7,94
5261,2021,20,23,9.1,8.7,190,1,8,97
5261,2021,21,0.6.5,7.7,230,2.4,8,85
5261,2021,21,1,5.4,7.2,250,0.8,85
5261,2021,21,2,4.6,8.2,250,0.7,81
5261,2021,21,3,4.4,7.2,250,0.7,81
5261,2021,21,4,3.8,5.7,240,0.2,85
5261,2021,21,5,3.7,4.6,230,0.0,83
5261,2021,21,6,4.3,4.1,230,0.0,84
5261,2021,21,7,4.9,4.6,220,0.1,84
5261,2021,21,8,5.4,5.1,230,0.0,80
5261,2021,21,9,6.4,4.6,230,0.0,78
5261,2021,21,10,7.1,6.2,230,0.1,74
5261,2021,21,11,6.9,5.7,240,0.1,73
5261,2021,21,12,7.6,5.7,230,0.6,71
5261,2021,21,13,8.2,4.6,230,0.7,71
5261,2021,21,14,8.2,4.6,230,0.7,74
5261,2021,21,15,7.5,4.1,220,0.7,75
5261,2021,21,16,7.1,3.6,210,0.8,77
5261,2021,21,17,6.4,2.6,200,0.8,82
5261,2021,21,18,6,2.1,220,0.8,79
5261,2021,21,19,5.5,1,270,0.8,80
5261,2021,21,20,4.9,1.5,250,0.8,86
5261,2021,21,21,4.9,2.6,260,0.8,89
5261,2021,21,22,4.6,2.6,260,0.8,86
5261,2021,21,23,3.4,2.6,260,0.1,86
5261,2021,22,0,1.9,2.1,260,0.0,89
5261,2021,22,1,0.8,2.6,240,0.0,96
5261,2021,22,2,2.1,3.1,250,0.0,93
5261,2021,22,3,1.2,3.1,250,0.0,92
5261,2021,22,4,1.2,2.1,230,0.0,98
5261,2021,22,5,1,3.1,240,0.0,94
5261,2021,22,6,1.2,3.1,250,0.0,96
5261,2021,22,7,0.5,2.6,260,0.0,96
5261,2021,22,8,-0.3,2.1,250,0.0,96
5261,2021,22,9,-0.8,2.1,240,0.0,97
5261,2021,22,10,2.2,1.5,230,0.0,100
5261,2021,22,11,5.1,1.5,210,0.2,0,81
5261,2021,22,12,6.6,2.6,250,0.0,74
5261,2021,22,13,7.6,3.1,250,0.0,70
5261,2021,22,14,7.9,3.1,250,0.2,67
5261,2021,22,15,7.2,3.1,220,0.3,64
5261,2021,22,16,6.8,2.1,230,0.6,71
5261,2021,22,17,5.3,2.1,210,0.4,8,87
5261,2021,22,18,4.2,1.5,220,1.2,4,93

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,22,19,3,1.5,200,0,4,95
5261,2021,22,20,3,7,2.6,220,0,7,93
5261,2021,22,21,3,1,2,1,230,0,5,91
5261,2021,22,22,2,8,2.6,240,0,8,91
5261,2021,22,23,3,1,2,1,240,0,8,91
5261,2021,23,0,3,6,2.6,250,0,8,90
5261,2021,23,1,3,5,2.6,270,0,8,86
5261,2021,23,2,2,1,2,1,300,0,6,85
5261,2021,23,3,0,6,1.5,250,0,2,88
5261,2021,23,4,-1,3,0,5,50,0,6,92
5261,2021,23,5,-2,1,250,0,6,96
5261,2021,23,6,-2,1,0,5,280,0,8,96
5261,2021,23,7,-2,2,0,5,240,0,8,96
5261,2021,23,8,-2,2,0,5,250,0,8,96
5261,2021,23,9,-2,4,0,5,340,0,5,96
5261,2021,23,10,-1,3,0,5,250,0,7,99
5261,2021,23,11,-0,3,0,5,270,0,6,100
5261,2021,23,12,1,2,0,5,210,0,4,100
5261,2021,23,13,3,5,1,320,0,4,86
5261,2021,23,14,3,7,2,6,330,0,5,80
5261,2021,23,15,4,5,2,1,320,0,3,74
5261,2021,23,16,3,1,2,6,310,0,2,76
5261,2021,23,17,1,9,1,5,290,0,4,82
5261,2021,23,18,0,8,1,290,0,0,84
5261,2021,23,19,0,1,290,0,1,82
5261,2021,23,20,-1,4,1,5,250,0,0,90
5261,2021,23,21,-2,1,1,5,260,0,0,91
5261,2021,23,22,-1,6,2,1,260,0,0,88
5261,2021,23,23,-1,2,6,270,0,0,87
5261,2021,24,0,-3,3,1,230,0,0,88
5261,2021,24,1,-4,0,5,260,0,0,92
5261,2021,24,2,-3,7,1,240,0,0,92
5261,2021,24,3,-3,8,1,230,0,3,94
5261,2021,24,4,-4,5,1,240,0,7,91
5261,2021,24,5,-4,7,0,5,280,0,8,91
5261,2021,24,6,-3,9,0,5,330,0,8,94
5261,2021,24,7,-3,5,0,5,50,0,8,94
5261,2021,24,8,-2,5,1,5,50,0,8,96
5261,2021,24,9,-1,9,2,1,70,0,8,96
5261,2021,24,10,0,1,5,70,0,8,100
5261,2021,24,11,0,8,2,1,130,0,8,100
5261,2021,24,12,1,2,6,150,0,7,98
5261,2021,24,13,1,6,1,5,200,2,2,8,98
5261,2021,24,14,1,4,1,270,0,2,8,98
5261,2021,24,15,1,8,2,1,280,0,8,92
5261,2021,24,16,1,6,2,1,300,0,8,91
5261,2021,24,17,1,3,1,290,0,8,92
5261,2021,24,18,0,9,1,260,0,8,96
5261,2021,24,19,1,1,1,5,310,0,8,90
5261,2021,24,20,0,9,2,1,320,0,8,88
5261,2021,24,21,0,4,1,5,320,0,8,88
5261,2021,24,22,0,7,2,6,320,0,7,90
5261,2021,24,23,0,4,2,6,320,0,8,96
5261,2021,25,0,0,7,1,5,330,0,8,98
5261,2021,25,1,0,9,2,6,350,0,8,94
5261,2021,25,2,0,6,2,6,350,0,7,94
5261,2021,25,3,0,2,3,1,340,0,0,92
5261,2021,25,4,-0,5,3,1,320,0,0,93
5261,2021,25,5,-0,8,2,6,320,0,0,91
5261,2021,25,6,-1,4,2,1,320,0,0,88
5261,2021,25,7,-1,8,2,1,310,0,0,83
5261,2021,25,8,-2,2,1,310,0,0,83
5261,2021,25,9,-1,3,1,5,300,0,0,84
5261,2021,25,10,1,1,5,300,0,0,81
5261,2021,25,11,2,9,2,1,300,0,2,0,72
5261,2021,25,12,3,4,3,1,290,0,0,73
5261,2021,25,13,4,4,2,6,300,0,0,71

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,25,14,5,3.1,290,0,0,70
5261,2021,25,15,5.1,2.6,290,0,0,65
5261,2021,25,16,4,2.6,280,0,0,68
5261,2021,25,17,2.6,2.1,270,0,4,73
5261,2021,25,18,1.1,2.1,250,0,8,81
5261,2021,25,19,1.3,2.6,250,0,8,81
5261,2021,25,20,0.9,2.6,250,0,1,82
5261,2021,25,21,0.6,2.6,260,0,0,83
5261,2021,25,22,0.6,3.1,260,0,0,79
5261,2021,25,23,0.2,2.6,260,0,0,78
5261,2021,26,0,-0.7,2.6,250,0,0,85
5261,2021,26,1,-2.3,2.1,240,0,0,91
5261,2021,26,2,-2.4,1.5,240,0,0,96
5261,2021,26,3,-1.3,2.1,250,0,7,94
5261,2021,26,4,-2.1,250,0,8,94
5261,2021,26,5,-2.3,1.5,250,0,7,93
5261,2021,26,6,-2.9,0.5,170,0,7,93
5261,2021,26,7,-2.5,0,0,8,96
5261,2021,26,8,-2,0,0,8,96
5261,2021,26,9,-1.5,0.5,20,0,8,99
5261,2021,26,10,-0.2,0.5,330,0,8,100
5261,2021,26,11,3.3,2.1,260,0.6,8,98
5261,2021,26,12,3.7,1.5,210,1,8,98
5261,2021,26,13,4.7,2.6,220,0,7,93
5261,2021,26,14,5.4,3.1,210,0,7,90
5261,2021,26,15,5.3,4.1,200,0,8,87
5261,2021,26,16,5.2,4.6,200,0,8,89
5261,2021,26,17,4.8,4.1,200,0.2,8,97
5261,2021,26,18,5.1,4.6,200,1.2,7,98
5261,2021,26,19,5.3,4.6,200,1.2,8,97
5261,2021,26,20,5.3,4.1,200,0.6,8,98
5261,2021,26,21,5.8,5.1,200,0,8,98
5261,2021,26,22,6.4,6.2,10,0.2,8,98
5261,2021,26,23,6.3,4.6,210,0,8,98
5261,2021,27,0.6,7.3,6,220,0,8,100
5261,2021,27,1,7.2,6,230,0,8,100
5261,2021,27,2,7.1,2.1,250,0,8,100
5261,2021,27,3,7.4,1.5,240,0,8,100
5261,2021,27,4,7.5,1.5,260,0.2,8,100
5261,2021,27,5,7.4,2.1,270,0,8,100
5261,2021,27,6,7.4,2.1,280,0,8,98
5261,2021,27,7,7.3,2.1,260,0,8,100
5261,2021,27,8,7.2,6,260,0,8,100
5261,2021,27,9,7.3,2.6,260,0,8,100
5261,2021,27,10,8.2,6,260,0,8,99
5261,2021,27,11,8.4,2.6,270,0,8,97
5261,2021,27,12,8.8,2.1,240,0,8,99
5261,2021,27,13,9.2,2.6,240,0,8,97
5261,2021,27,14,9.5,2.1,240,0,8,96
5261,2021,27,15,9.3,2.6,240,0,7,99
5261,2021,27,16,9.2,2.1,240,0,7,99
5261,2021,27,17,8.8,2.1,230,0,7,99
5261,2021,27,18,8.7,1.5,220,0,8,100
5261,2021,27,19,8.7,1.5,220,0,8,100
5261,2021,27,20,8.7,1.5,230,0,8,8,100
5261,2021,27,21,8.6,1,170,1.6,8,100
5261,2021,27,22,8.3,1.5,170,0,8,8,100
5261,2021,27,23,8.3,1,170,0,8,8,100
5261,2021,28,0.8,4.2,1,160,1.2,8,100
5261,2021,28,1,8.6,2.1,170,2.6,7,100
5261,2021,28,2,9.2,1,200,2.4,8,100
5261,2021,28,3,9.5,3.6,230,1.4,8,100
5261,2021,28,4,9.6,3.6,230,3.7,100
5261,2021,28,5,10.3,6,230,1.4,8,100
5261,2021,28,6,10.2,3.6,240,0,8,99
5261,2021,28,7,10.3,3.6,240,0,8,99
5261,2021,28,8,10.8,3.1,240,0,7,98

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,28,9,11.4,4.6,250,0,8,95
5261,2021,28,10,11.5,4.6,270,0,4,7,85
5261,2021,28,11,11.5,4.6,270,0,7,82
5261,2021,28,12,11.7,5.1,260,0,7,79
5261,2021,28,13,13.5,1,270,0,8,74
5261,2021,28,14,12.9,5.1,270,0,6,75
5261,2021,28,15,12.8,4.6,260,0,2,75
5261,2021,28,16,11.2,4.1,260,0,7,94
5261,2021,28,17,10.9,3.1,240,0,6,8,96
5261,2021,28,18,10.3,3.6,240,0,8,95
5261,2021,28,19,10.2,3.1,220,0,8,95
5261,2021,28,20,10.1,3.6,220,0,2,7,97
5261,2021,28,21,10.3,1,220,0,4,8,99
5261,2021,28,22,10.1,3.6,210,1,8,99
5261,2021,28,23,10.1,3.6,220,2,8,99
5261,2021,29,0,10.1,4.1,230,3,2,8,97
5261,2021,29,1,9.9,4.6,260,1,8,7,93
5261,2021,29,2,9.9,4.6,260,0,8,92
5261,2021,29,3,9.5,5.7,270,0,2,4,83
5261,2021,29,4,9.4,4.1,260,0,7,85
5261,2021,29,5,8.8,3.1,240,0,8,89
5261,2021,29,6,8,3.6,240,0,7,92
5261,2021,29,7,8.2,3.6,230,0,7,90
5261,2021,29,8,8.4,3.6,230,0,7,92
5261,2021,29,9,8.9,4.1,240,0,8,89
5261,2021,29,10,8.3,4.1,230,0,4,8,92
5261,2021,29,11,8.4,5.1,230,0,2,7,94
5261,2021,29,12,9.3,4.6,280,0,2,8,87
5261,2021,29,13,10.4,1,300,0,8,83
5261,2021,29,14,10.2,3.6,290,0,5,77
5261,2021,29,15,11.1,3.1,290,0,8,74
5261,2021,29,16,10.5,3.6,280,0,7,75
5261,2021,29,17,9.8,4.1,260,0,8,80
5261,2021,29,18,9.1,3.6,260,0,8,86
5261,2021,29,19,8.6,4.1,260,0,8,86
5261,2021,29,20,8.4,4.1,260,0,7,83
5261,2021,29,21,7.4,3.6,240,0,7,86
5261,2021,29,22,7.6,3.6,240,0,8,84
5261,2021,29,23,7.4,2.6,240,0,8,84
5261,2021,30,0,7.4,2.1,230,0,8,84
5261,2021,30,1,7.2,1,220,0,8,85
5261,2021,30,2,6.8,1.5,230,0,8,85
5261,2021,30,3,6.6,1,190,0,8,90
5261,2021,30,4,6.4,1,150,0,4,8,94
5261,2021,30,5,6.2,2.1,120,1,2,7,96
5261,2021,30,6,5.9,3.1,80,1,8,8,98
5261,2021,30,7,5.7,4.1,70,1,4,8,98
5261,2021,30,8,5.6,5.1,70,1,8,98
5261,2021,30,9,5.8,5.7,70,0,6,8,97
5261,2021,30,10,6.6,7,80,0,8,91
5261,2021,30,11,5.6,6.2,80,0,8,95
5261,2021,30,12,5.5,5.1,70,1,8,8,98
5261,2021,30,13,5.5,5.7,70,0,2,8,97
5261,2021,30,14,5.2,6.7,70,0,8,97
5261,2021,30,15,5.1,6.7,70,0,8,95
5261,2021,30,16,4.8,6.7,60,0,8,95
5261,2021,30,17,4.3,6.2,60,0,8,95
5261,2021,30,18,3.9,7.7,60,0,8,93
5261,2021,30,19,3.7,7.2,70,0,8,95
5261,2021,30,20,3.8,6.7,60,0,8,93
5261,2021,30,21,3.8,7.2,60,0,8,90
5261,2021,30,22,3.8,7.2,60,0,8,88
5261,2021,30,23,3.7,7.2,60,0,8,85
5261,2021,31,0,3.6,7.2,60,0,8,85
5261,2021,31,1,3.5,6.2,60,0,8,83
5261,2021,31,2,3.6,2,60,0,8,81
5261,2021,31,3,1.8,3.6,50,0,0,85

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,31,4,1.5,3.1,50,0,5,81
5261,2021,31,5,0.6,2.1,40,0,6,81
5261,2021,31,6,0.1,1.5,10,0,7,84
5261,2021,31,7,-0.2,2.1,10,0,5,84
5261,2021,31,8,-1.2,1.5,30,0,0,90
5261,2021,31,9,1.2,1.5,0,0,7,83
5261,2021,31,10,2.2,4.1,80,0,6,82
5261,2021,31,11,2.9,5.1,90,0,7,82
5261,2021,31,12,3.2,4.6,90,0,8,83
5261,2021,31,13,3.3,3.6,100,0,8,84
5261,2021,31,14,3.1,4.6,100,0,8,86
5261,2021,31,15,2.2,4.1,100,0,2,8,95
5261,2021,31,16,2.3,3.6,80,1.4,8,96
5261,2021,31,17,2.2,3.1,80,1.4,8,98
5261,2021,31,18,2.2,3.1,70,0.4,8,98
5261,2021,31,19,2.4,3.1,70,0,8,98
5261,2021,31,20,2.5,3.1,70,0.2,8,100
5261,2021,31,21,2.7,3.1,60,0,8,100
5261,2021,31,22,2.8,2.6,50,0,8,100
5261,2021,31,23,2.8,2.1,20,0,8,100
5261,2021,32,0,2.8,1.5,10,0,8,100
5261,2021,32,1,3,1.5,360,0,8,100
5261,2021,32,2,3.2,1,350,0.2,7,100
5261,2021,32,3,3.5,1,360,0,8,100
5261,2021,32,4,3.7,1.5,360,0,8,100
5261,2021,32,5,3.8,1.5,10,0,8,100
5261,2021,32,6,3.7,2.1,10,0,8,98
5261,2021,32,7,3.5,2.6,20,0,8,98
5261,2021,32,8,3.4,2.1,10,0,8,98
5261,2021,32,9,3.4,2.1,20,0,8,98
5261,2021,32,10,3.5,1.5,340,0,8,95
5261,2021,32,11,3.6,2.1,360,0,8,95
5261,2021,32,12,3.4,2.1,360,0,8,91
5261,2021,32,13,3.3,2.1,10,0,8,93
5261,2021,32,14,3.6,1.5,330,0,8,90
5261,2021,32,15,3.7,1.5,340,0,8,90
5261,2021,32,16,3.7,1,320,0,8,88
5261,2021,32,17,3.5,1,330,0,8,90
5261,2021,32,18,3.4,0.5,270,0,8,91
5261,2021,32,19,3.2,0.5,210,0,8,93
5261,2021,32,20,3.3,1.5,190,0,8,93
5261,2021,32,21,3.3,2.1,170,0,8,93
5261,2021,32,22,3.2,2.6,160,0,8,93
5261,2021,32,23,3.1,2.6,140,0,8,98
5261,2021,33,0,3.5,2.1,130,0.2,8,100
5261,2021,33,1,4.6,2.6,120,0.2,8,100
5261,2021,33,2,5.6,3.1,150,0.4,8,100
5261,2021,33,3,6.2,2.6,150,1,8,100
5261,2021,33,4,7.8,2.6,160,0.6,8,100
5261,2021,33,5,8.9,3.6,180,0.2,7,100
5261,2021,33,6,9.5,2.6,230,0,8,100
5261,2021,33,7,10.1,3.1,240,0,8,97
5261,2021,33,8,10,3.6,230,0,8,97
5261,2021,33,9,10.2,3.6,230,0,8,95
5261,2021,33,10,10.7,3.6,250,0.2,8,96
5261,2021,33,11,10.9,3.6,230,0,8,91
5261,2021,33,12,11.4,4.1,230,0,7,90
5261,2021,33,13,11.2,5.1,230,0.2,8,92
5261,2021,33,14,11.3,4.6,230,0,8,90
5261,2021,33,15,11.2,4.6,220,0,8,89
5261,2021,33,16,11.1,4.6,220,0,8,89
5261,2021,33,17,10.7,5.1,220,0,8,90
5261,2021,33,18,10.7,5.7,220,0,8,90
5261,2021,33,19,9.9,5.7,220,0.6,8,93
5261,2021,33,20,9.7,5.7,220,1.2,8,96
5261,2021,33,21,9.9,5.7,230,0,8,93
5261,2021,33,22,10.5,1,230,0.2,8,87

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,33,23,10,6.2,230,0,8,84
5261,2021,34,0,9.9,6.2,240,0,8,83
5261,2021,34,1,9.3,4.1,230,0.2,8,92
5261,2021,34,2,8.6,3.6,240,0,8,88
5261,2021,34,3,8.8,3.6,220,0,8,89
5261,2021,34,4,8.3,2.1,220,0,8,90
5261,2021,34,5,7.3,2.1,210,0,8,94
5261,2021,34,6,6.1,1,200,0,8,97
5261,2021,34,7,6.4,1,230,0,8,98
5261,2021,34,8,7.1,1,10,0.2,8,100
5261,2021,34,9,7.1,0.5,60,0.4,8,100
5261,2021,34,10,7.3,0.5,340,1.6,7,100
5261,2021,34,11,8,0.5,320,1.4,8,100
5261,2021,34,12,7.3,1.5,310,1.4,8,96
5261,2021,34,13,8.1,1.5,290,0.2,8,92
5261,2021,34,14,9.1,2.1,270,0,8,93
5261,2021,34,15,9.8,3.1,280,0,5,82
5261,2021,34,16,8.8,3.6,270,0.2,4,82
5261,2021,34,17,8.2,3.6,260,0,7,82
5261,2021,34,18,6.9,3.6,260,0,7,82
5261,2021,34,19,5.9,2.6,240,0,6,86
5261,2021,34,20,5.5,2.6,240,0,7,89
5261,2021,34,21,5,2.1,250,0,5,90
5261,2021,34,22,4.4,2.1,250,0,4,92
5261,2021,34,23,2.1,1.5,230,0,5,96
5261,2021,35,0,1.6,1,250,0,0,96
5261,2021,35,1,0.7,0.5,250,0,0,98
5261,2021,35,2,0.5,0.5,60,0,4,100
5261,2021,35,3,-0.1,0,0,0,7,100
5261,2021,35,4,-0.2,0.5,340,0,8,100
5261,2021,35,5,0,0.5,350,0,8,100
5261,2021,35,6,0.1,0,0,0,8,100
5261,2021,35,7,0.5,0.5,40,0,7,100
5261,2021,35,8,1.1,0.5,360,0,8,100
5261,2021,35,9,3.3,1,180,0,7,100
5261,2021,35,10,6.3,1,70,0,8,100
5261,2021,35,11,7.5,3.1,140,0,8,100
5261,2021,35,12,7.8,3.6,150,0,8,100
5261,2021,35,13,8.3,3.1,160,1.6,8,99
5261,2021,35,14,8.7,3.1,160,0.2,8,99
5261,2021,35,15,8.9,2.6,180,0,8,97
5261,2021,35,16,8.9,2.6,180,0,8,96
5261,2021,35,17,8.4,2.1,160,0,8,96
5261,2021,35,18,8.2,2.1,160,0.2,7,97
5261,2021,35,19,8,2.1,140,0.4,7,99
5261,2021,35,20,8.2,2.6,130,1.8,8,98
5261,2021,35,21,8,2.1,160,3.4,8,99
5261,2021,35,22,7.2,2.6,180,0,8,96
5261,2021,35,23,6.7,1,200,0,8,96
5261,2021,36,0,7.1,1.5,200,0,8,98
5261,2021,36,1,7.5,1.5,190,0.8,8,99
5261,2021,36,2,7.9,1.5,200,0,8,100
5261,2021,36,3,8.2,1,210,0,8,99
5261,2021,36,4,7.3,2.1,220,0,8,98
5261,2021,36,5,6.3,1,220,0,8,98
5261,2021,36,6,6.1,210,0,8,98
5261,2021,36,7,6.2,1.5,230,0,8,100
5261,2021,36,8,5.6,2.1,240,0,8,100
5261,2021,36,9,5.5,1,220,0,8,98
5261,2021,36,10,6.3,1.5,200,0,7,98
5261,2021,36,11,7.2,1.5,200,0,7,90
5261,2021,36,12,9.7,2.1,210,0,3,83
5261,2021,36,13,10.1,2.6,200,0.4,73
5261,2021,36,14,9.8,3.6,190,0.4,75
5261,2021,36,15,9.7,3.6,190,0.5,80
5261,2021,36,16,8.5,3.1,190,0,0,79
5261,2021,36,17,7.7,2.6,190,0,3,89

Emissions to air risk assessment
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5261,2021,36,18,7.5,2.6,190,0,5,93
5261,2021,36,19,7.4,1.5,200,0,8,88
5261,2021,36,20,6.6,1.5,140,0,8,94
5261,2021,36,21,6.7,1.5,160,0,8,98
5261,2021,36,22,6.2,2.1,190,1,8,97
5261,2021,36,23,5.7,1.5,190,0,7,97
5261,2021,37,0,5.5,1,200,0,7,97
5261,2021,37,1,5.1,0.5,220,0,8,98
5261,2021,37,2,4.7,0.5,240,0,8,98
5261,2021,37,3,4.6,0.5,360,0,8,100
5261,2021,37,4,4.5,0.5,100,0,8,100
5261,2021,37,5,4.5,0.5,20,0,8,100
5261,2021,37,6,4.9,1,20,0,4,8,100
5261,2021,37,7,4.6,0.5,40,0,4,8,100
5261,2021,37,8,4.5,1,60,0,7,100
5261,2021,37,9,4.8,1,350,0,8,100
5261,2021,37,10,5.5,1,360,0,8,98
5261,2021,37,11,5.8,1.5,40,0,7,94
5261,2021,37,12,7.4,1.5,50,0,8,88
5261,2021,37,13,7.7,2.1,30,0,8,84
5261,2021,37,14,7.7,2.1,30,0,8,86
5261,2021,37,15,7.5,2.1,10,0,8,86
5261,2021,37,16,7.2,2.1,10,0,8,88
5261,2021,37,17,7.2,1,10,0,8,90
5261,2021,37,18,6.5,2.6,20,0,6,8,94
5261,2021,37,19,6.4,2.1,10,0,2,8,95
5261,2021,37,20,6.4,3.1,20,0,8,94
5261,2021,37,21,5.9,4.6,40,0,8,91
5261,2021,37,22,5.4,1,30,1,6,8,95
5261,2021,37,23,4.5,5.1,30,0,6,8,93
5261,2021,38,0,4.1,5.7,30,0,7,93
5261,2021,38,1,3.8,5.7,30,0,7,93
5261,2021,38,2,3.1,5.7,30,0,8,95
5261,2021,38,3,2.7,5.7,30,0,2,8,95
5261,2021,38,4,2.3,5.7,20,0,2,8,93
5261,2021,38,5,2.2,6.2,20,0,8,95
5261,2021,38,6,2.6,2,30,0,2,8,93
5261,2021,38,7,1.9,6.2,20,0,2,8,93
5261,2021,38,8,1.5,6.2,20,0,8,92
5261,2021,38,9,1.1,8.2,30,0,7,90
5261,2021,38,10,0.8,7.7,20,0,8,88
5261,2021,38,11,0.5,5.7,20,0,2,8,86
5261,2021,38,12,0.2,5.7,10,0,2,8,92
5261,2021,38,13,-0.1,5.7,20,0,4,8,96
5261,2021,38,14,0.1,5.7,10,0,2,8,92
5261,2021,38,15,0.6,2.20,0,2,8,92
5261,2021,38,16,-0.4,5.7,20,0,2,8,90
5261,2021,38,17,-0.6,6.2,40,0,8,89
5261,2021,38,18,-0.4,6.2,30,0,8,86
5261,2021,38,19,-0.8,6.7,30,0,8,83
5261,2021,38,20,-0.9,7.2,30,0,7,79
5261,2021,38,21,-1.4,7.2,30,0,8,78
5261,2021,38,22,-1.7,7.2,30,0,7,75
5261,2021,38,23,-1.9,7.7,30,0,7,77
5261,2021,39,0,-2.6,7,30,0,8,76
5261,2021,39,1,-1.9,6.2,20,0,8,77
5261,2021,39,2,-1.8,5.7,20,0,8,77
5261,2021,39,3,-1.9,6.7,20,0,8,79
5261,2021,39,4,-1.9,6.2,30,0,8,81
5261,2021,39,5,-2.6,2,30,0,8,81
5261,2021,39,6,-2.1,6.7,30,0,8,83
5261,2021,39,7,-2.1,6.2,20,0,8,83
5261,2021,39,8,-2.5,7,20,0,8,83
5261,2021,39,9,-1.9,5.7,20,0,8,83
5261,2021,39,10,-1.9,5.7,30,-999,8,83
5261,2021,39,11,-1.7,5.7,30,-999,8,81
5261,2021,39,12,-1.6,5.7,30,-999,8,81

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,39,13,-1.6,6.2,30,-999,8,79
5261,2021,39,14,-1.7,5.7,30,-999,8,79
5261,2021,39,15,-1.7,5.7,30,-999,8,79
5261,2021,39,16,-1.7,6.2,30,-999,8,79
5261,2021,39,17,-1.7,5.7,30,-999,8,79
5261,2021,39,18,-1.7,5.1,30,-999,8,81
5261,2021,39,19,-1.6,5.1,30,-999,8,81
5261,2021,39,20,-1.4,4.1,30,-999,8,82
5261,2021,39,21,-1.5,4.6,30,-999,8,84
5261,2021,39,22,-1.4,4.1,40,-999,8,84
5261,2021,39,23,-1.2,5.1,50,-999,8,80
5261,2021,40,0,-2.1,3.6,80,-999,7,89
5261,2021,40,1,-2.2,1.5,60,-999,7,89
5261,2021,40,2,-2.2,0.5,60,-999,8,91
5261,2021,40,3,-2.1,0.5,10,-999,7,91
5261,2021,40,4,-1.6,2.1,30,-999,7,90
5261,2021,40,5,-1.5,2.1,50,-999,8,90
5261,2021,40,6,-1.6,1.5,60,-999,8,90
5261,2021,40,7,-1.6,3.6,60,-999,8,88
5261,2021,40,8,-1.7,4.6,60,-999,8,83
5261,2021,40,9,-1.7,4.6,70,-999,8,83
5261,2021,40,10,-1.3,4.6,70,-999,8,78
5261,2021,40,11,-1.1,5.1,80,-999,8,76
5261,2021,40,12,-0.4,5.7,80,-999,8,70
5261,2021,40,13,-0.4,7.2,90,-999,8,68
5261,2021,40,14,-0.5,8.2,90,-999,8,64
5261,2021,40,15,-0.5,8.7,90,-999,7,64
5261,2021,40,16,-0.4,8.7,70,-999,7,64
5261,2021,40,17,-0.9,8.2,80,-999,7,63
5261,2021,40,18,-1.2,6.2,80,-999,7,72
5261,2021,40,19,-0.9,6.2,80,-999,8,68
5261,2021,40,20,-1.2,6.7,80,-999,8,68
5261,2021,40,21,-1.9,6.7,80,-999,3,68
5261,2021,40,22,-1.6,5.7,70,-999,7,67
5261,2021,40,23,-1.5,5.1,70,-999,8,67
5261,2021,41,0,-1.4,5.7,70,-999,8,69
5261,2021,41,1,-1.1,5.7,70,-999,8,68
5261,2021,41,2,-1.5,1,70,-999,8,66
5261,2021,41,3,-1.2,5.1,60,-999,8,72
5261,2021,41,4,-1.2,4.1,50,-999,8,74
5261,2021,41,5,-0.9,2.6,30,-999,8,74
5261,2021,41,6,-0.7,5.1,40,-999,8,69
5261,2021,41,7,-0.7,4.6,40,-999,8,71
5261,2021,41,8,-1.1,4.6,40,-999,8,72
5261,2021,41,9,-0.9,4.1,40,-999,8,68
5261,2021,41,10,-0.3,4.6,40,0.6,70
5261,2021,41,11,-0.3,4.6,40,0.7,74
5261,2021,41,12,0.2,4.1,50,0.8,76
5261,2021,41,13,0.9,4.6,40,0.8,69
5261,2021,41,14,0.5,4.6,40,0.8,73
5261,2021,41,15,0.6,4.1,40,0.8,62
5261,2021,41,16,0.4,4.6,50,0.7,60
5261,2021,41,17,-0.3,3.6,40,0.0,58
5261,2021,41,18,-2.3,1.5,40,0.0,67
5261,2021,41,19,-2.5,1.5,20,0.0,69
5261,2021,41,20,-2.3,2.1,20,0.1,65
5261,2021,41,21,-3.2,1.30,0.0,70
5261,2021,41,22,-3.7,2.1,30,0.0,77
5261,2021,41,23,-4.1,5,20,0.0,84
5261,2021,42,0,-4.1,5,40,0.4,89
5261,2021,42,1,-3.3,0.5,60,0.8,92
5261,2021,42,2,-3.0,5,50,0.8,92
5261,2021,42,3,-2.8,0.5,80,0.8,93
5261,2021,42,4,-2.5,1,50,0.8,93
5261,2021,42,5,-4.1,0.5,40,0.6,91
5261,2021,42,6,-2.9,2.6,80,0.8,95
5261,2021,42,7,-3.5,3.1,70,0.7,92

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,42,8,-3.7,3.6,70,0,1,87
5261,2021,42,9,-2.8,2.6,80,0,6,86
5261,2021,42,10,-0.9,4.1,90,0,0,68
5261,2021,42,11,-0.8,6.2,100,0,7,64
5261,2021,42,12,-0.1,6.7,110,0,6,58
5261,2021,42,13,0,5.1,110,0,5,59
5261,2021,42,14,0.1,5.7,100,0,7,59
5261,2021,42,15,-0.4,5.7,90,0,8,63
5261,2021,42,16,-1.3,5.1,80,0,7,67
5261,2021,42,17,-2.1,5.1,80,0,4,72
5261,2021,42,18,-1.9,4.6,80,0,8,70
5261,2021,42,19,-2.1,4.1,80,0,8,72
5261,2021,42,20,-2.8,3.6,80,0,5,75
5261,2021,42,21,-3.3,3.1,90,0,7,76
5261,2021,42,22,-2.1,4.6,90,0,8,70
5261,2021,42,23,-1.9,4.6,90,0,8,72
5261,2021,43,0,-2.4,6.9,0,8,74
5261,2021,43,1,-1.7,4.6,90,0,8,72
5261,2021,43,2,-2.2,4.6,90,0,4,74
5261,2021,43,3,-2.4,6.9,0,7,74
5261,2021,43,4,-1.7,4.6,90,0,8,70
5261,2021,43,5,-1.6,5.7,90,0,8,66
5261,2021,43,6,-1.5,5.1,90,0,8,65
5261,2021,43,7,-2.2,4.1,80,0,8,71
5261,2021,43,8,-2.1,4.6,80,0,8,67
5261,2021,43,9,-1.6,4.1,80,0,6,66
5261,2021,43,10,0.2,6.2,90,0,6,57
5261,2021,43,11,0.7,7.7,90,0,0,51
5261,2021,43,12,0.6,8.2,80,0,0,53
5261,2021,43,13,0.8,2.8,0,1,51
5261,2021,43,14,-0.3,8.2,70,0,5,54
5261,2021,43,15,-0.6,8.2,80,0,2,49
5261,2021,43,16,-1.1,8.7,80,0,1,51
5261,2021,43,17,-1.8,7.7,70,0,0,56
5261,2021,43,18,-2.5,7.2,70,0,0,58
5261,2021,43,19,-2.7,5.7,80,0,0,64
5261,2021,43,20,-3.2,5.1,80,0,0,67
5261,2021,43,21,-3.4,4.6,80,0,0,69
5261,2021,43,22,-3.7,5.1,80,0,5,68
5261,2021,43,23,-4.3,3.6,80,0,6,74
5261,2021,44,0,-4.8,4.1,80,0,0,75
5261,2021,44,1,-5.3,6.8,0,0,77
5261,2021,44,2,-5.3,6.8,0,0,77
5261,2021,44,3,-5.1,3.6,70,0,0,77
5261,2021,44,4,-5.2,4.1,80,0,0,77
5261,2021,44,5,-4.5,3.6,80,0,7,76
5261,2021,44,6,-4.3,4.1,90,0,8,71
5261,2021,44,7,-4.7,4.1,90,0,7,73
5261,2021,44,8,-4.5,3.6,90,0,2,71
5261,2021,44,9,-2.7,3.6,90,0,7,66
5261,2021,44,10,-1.7,5.1,120,0,8,62
5261,2021,44,11,-0.3,6.2,130,0,7,52
5261,2021,44,12,-0.2,6.2,130,0,3,50
5261,2021,44,13,0.6,6.2,120,0,5,46
5261,2021,44,14,0.5,1.1,130,0,8,43
5261,2021,44,15,0.1,5.7,130,0,8,46
5261,2021,44,16,0.3,5.1,130,0,8,46
5261,2021,44,17,0.2,4.6,130,0,8,46
5261,2021,44,18,0.3,4.1,140,0,8,48
5261,2021,44,19,0.7,3.6,130,0,8,47
5261,2021,44,20,1.4,6.1,140,0,8,47
5261,2021,44,21,1.1,4.6,150,0,8,47
5261,2021,44,22,1.2,5.1,150,0,8,47
5261,2021,44,23,1.4,5.1,160,0,8,48
5261,2021,45,0,0.9,5.1,150,0,7,52
5261,2021,45,1,0.7,4.6,160,0,8,55
5261,2021,45,2,0.8,4.1,160,0,7,57

Emissions to air risk assessment
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5261,2021,45,3,0.7,5.1,160,0,6,57
5261,2021,45,4,0.5,5.1,150,0,7,58
5261,2021,45,5,0.9,4.6,160,0,8,57
5261,2021,45,6,0.9,5.1,170,0,7,59
5261,2021,45,7,0.5,5.7,150,0,8,62
5261,2021,45,8,0.8,5.1,160,0,8,59
5261,2021,45,9,1.1,5.1,160,0,8,62
5261,2021,45,10,1.3,5.7,150,0,8,62
5261,2021,45,11,2,5.1,160,0,8,63
5261,2021,45,12,3,3,5.1,160,0,8,60
5261,2021,45,13,3,5.1,170,0,7,62
5261,2021,45,14,3,1,5.7,160,0,8,65
5261,2021,45,15,3,5,5.1,160,0,8,64
5261,2021,45,16,3,3,5.1,150,0,8,66
5261,2021,45,17,3,5,4.1,150,0,8,62
5261,2021,45,18,2,6,3,6,160,0,6,8,78
5261,2021,45,19,2,6,3,6,160,1,7,84
5261,2021,45,20,2,8,4.1,170,0,8,84
5261,2021,45,21,2,8,4,6,170,0,2,8,88
5261,2021,45,22,3,5.1,170,0,4,8,89
5261,2021,45,23,3,8,4,6,180,0,8,88
5261,2021,46,0,4,4,3,6,180,0,8,90
5261,2021,46,1,4,7,3,1,180,0,2,8,95
5261,2021,46,2,5,5,3,1,190,1,2,8,97
5261,2021,46,3,6,3,1,190,1,2,7,98
5261,2021,46,4,6,1,3,1,190,0,4,8,98
5261,2021,46,5,6,5,3,1,190,1,8,100
5261,2021,46,6,7,3,6,190,2,4,8,100
5261,2021,46,7,7,2,3,6,200,1,8,98
5261,2021,46,8,7,5,3,6,200,1,8,8,99
5261,2021,46,9,7,7,4,1,210,0,6,8,99
5261,2021,46,10,8,2,4,6,220,0,2,8,98
5261,2021,46,11,8,3,4,6,220,0,8,99
5261,2021,46,12,9,3,3,6,220,0,2,7,99
5261,2021,46,13,10,4,4,1,230,0,7,93
5261,2021,46,14,10,8,4,1,230,0,7,81
5261,2021,46,15,11,1,4,6,240,0,7,76
5261,2021,46,16,10,5,3,1,230,0,7,81
5261,2021,46,17,9,4,3,1,210,0,6,85
5261,2021,46,18,8,8,3,1,200,0,8,94
5261,2021,46,19,8,5,2,6,200,0,7,97
5261,2021,46,20,8,6,2,6,190,0,8,99
5261,2021,46,21,9,2,3,6,190,0,8,97
5261,2021,46,22,9,6,4,1,200,0,6,8,99
5261,2021,46,23,9,4,4,1,210,0,4,8,97
5261,2021,47,0,8,7,3,6,200,0,8,96
5261,2021,47,1,9,2,2,6,190,0,8,92
5261,2021,47,2,9,2,4,1,200,0,8,85
5261,2021,47,3,8,9,5,1,210,0,7,84
5261,2021,47,4,8,3,5,1,200,0,5,86
5261,2021,47,5,8,6,5,1,210,0,7,86
5261,2021,47,6,8,8,5,1,210,0,8,84
5261,2021,47,7,9,5,1,210,0,8,84
5261,2021,47,8,9,1,5,1,220,0,8,85
5261,2021,47,9,9,2,5,1,210,0,2,8,86
5261,2021,47,10,9,4,6,210,0,8,92
5261,2021,47,11,8,8,5,1,220,0,8,93
5261,2021,47,12,8,8,4,6,220,0,8,96
5261,2021,47,13,8,7,4,6,220,0,2,8,97
5261,2021,47,14,8,8,3,6,220,1,8,97
5261,2021,47,15,8,6,3,6,210,0,8,94
5261,2021,47,16,8,4,4,6,210,0,8,97
5261,2021,47,17,8,3,4,6,210,0,8,97
5261,2021,47,18,8,6,4,1,210,0,8,94
5261,2021,47,19,7,9,4,6,230,0,7,92
5261,2021,47,20,7,4,3,6,230,0,7,93
5261,2021,47,21,8,1,3,6,230,0,8,93

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,47,22,8.9,4.1,220,0,7,90
5261,2021,47,23,8.9,4.6,240,0,8,89
5261,2021,48,0,8.6,4.1,240,0,7,88
5261,2021,48,1,8.4,3.1,220,0,8,92
5261,2021,48,2,8.9,3.6,220,0,8,90
5261,2021,48,3,8.9,4.1,220,0,8,93
5261,2021,48,4,8.7,4.6,220,0,8,93
5261,2021,48,5,8.7,5.1,210,0,2,7,93
5261,2021,48,6,9.1,5.7,210,0,8,89
5261,2021,48,7,9.3,6.2,210,0,8,88
5261,2021,48,8,9.3,6.7,210,0,8,88
5261,2021,48,9,8.9,7.2,210,0,2,7,94
5261,2021,48,10,9.2,6.7,220,0,2,8,96
5261,2021,48,11,9.1,6.2,220,0,6,8,96
5261,2021,48,12,9.4,6.2,220,0,4,8,96
5261,2021,48,13,9.6,6.2,220,0,2,8,96
5261,2021,48,14,9.6,6.2,220,0,4,8,96
5261,2021,48,15,10.6,2,220,0,6,8,94
5261,2021,48,16,10.2,6.7,210,0,2,7,91
5261,2021,48,17,10.3,6.7,220,0,8,88
5261,2021,48,18,10.1,6.7,210,0,8,90
5261,2021,48,19,9.9,6.2,210,0,8,87
5261,2021,48,20,9.8,5.1,200,0,7,83
5261,2021,48,21,9.6,5.1,200,0,7,82
5261,2021,48,22,9.3,6.2,200,0,8,83
5261,2021,48,23,9.5,7.200,0,8,81
5261,2021,49,0,8.6,5.1,200,0,0,79
5261,2021,49,1,8.4,4.6,190,0,0,78
5261,2021,49,2,8.1,4.6,180,0,0,82
5261,2021,49,3,8.9,5.7,180,0,0,80
5261,2021,49,4,8.6,6.2,180,0,0,80
5261,2021,49,5,9.5,7.180,0,7,81
5261,2021,49,6,8.5,4.1,180,0,2,8,88
5261,2021,49,7,9.4,4.6,170,0,8,78
5261,2021,49,8,9.5,6.2,180,0,4,80
5261,2021,49,9,9.8,6.2,190,0,4,82
5261,2021,49,10,9.3,6.7,200,1.2,8,92
5261,2021,49,11,8.5,6.2,220,1.2,7,92
5261,2021,49,12,8.4,4.6,240,0,8,89
5261,2021,49,13,7.7,4.6,260,0,8,82
5261,2021,49,14,8.8,4.1,260,0,3,70
5261,2021,49,15,9.9,4.6,270,0,5,66
5261,2021,49,16,9.7,5.1,250,0,7,63
5261,2021,49,17,6.1,4.6,250,0,2,5,77
5261,2021,49,18,4.7,3.1,230,0,0,84
5261,2021,49,19,4.6,2.6,230,0,0,87
5261,2021,49,20,4.8,2.6,220,0,0,89
5261,2021,49,21,4.4,2.1,220,0,0,90
5261,2021,49,22,4.3,2.6,220,0,0,90
5261,2021,49,23,4.3,2.1,220,0,0,92
5261,2021,50,0,4.7,2.6,220,0,0,94
5261,2021,50,1,4.3,2.6,200,0,0,93
5261,2021,50,2,5.4,2.6,210,0,0,94
5261,2021,50,3,5.3,3.1,210,0,2,3,90
5261,2021,50,4,5.2,2.6,190,0,6,92
5261,2021,50,5,5.3,2.6,190,0,6,92
5261,2021,50,6,6.4,3.6,190,0,7,91
5261,2021,50,7,6.7,4.6,200,0,8,88
5261,2021,50,8,7.2,5.1,200,0,8,87
5261,2021,50,9,7.8,6.2,200,0,8,84
5261,2021,50,10,7.9,5.7,190,0,7,86
5261,2021,50,11,8.3,5.7,200,0,8,86
5261,2021,50,12,8.8,6.2,200,0,8,85
5261,2021,50,13,9.3,5.7,200,0,8,84
5261,2021,50,14,9.5,7.190,0,8,84
5261,2021,50,15,9.1,5.1,190,0,8,85
5261,2021,50,16,9.1,5.1,180,0,7,86

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,50,17,8.7,4.6,190,0.4,8,92
5261,2021,50,18,8.7,4.1,180,0.2,7,93
5261,2021,50,19,9.4,4.1,180,0,8,88
5261,2021,50,20,10.2,5.1,180,0,8,86
5261,2021,50,21,10.8,5.7,180,0,7,86
5261,2021,50,22,11.2,5.7,190,0,7,84
5261,2021,50,23,11.7,5.7,190,0,8,79
5261,2021,51,0,11.7,4.6,180,0,8,78
5261,2021,51,1,12.4,4.6,190,0,8,75
5261,2021,51,2,12.4,4.6,190,0,8,74
5261,2021,51,3,12.4,1,190,0,8,76
5261,2021,51,4,11.8,4.6,190,0,8,77
5261,2021,51,5,11.4,4.1,200,0,8,78
5261,2021,51,6,10.8,4.1,190,0,7,80
5261,2021,51,7,10.5,4.6,190,0,8,78
5261,2021,51,8,10.5,4.6,180,0,6,78
5261,2021,51,9,10.7,4.1,180,0,2,78
5261,2021,51,10,11.4,5.1,190,0,6,74
5261,2021,51,11,11.7,5.7,180,0,7,72
5261,2021,51,12,13.4,5.1,190,0,4,66
5261,2021,51,13,13.6,2,190,0,6,64
5261,2021,51,14,13.4,6.7,190,0,7,62
5261,2021,51,15,13.8,7.2,190,0,1,60
5261,2021,51,16,13.6,7.7,190,0,0,61
5261,2021,51,17,12.9,6.2,190,0,6,63
5261,2021,51,18,12.7,5.1,190,0,8,64
5261,2021,51,19,13.4,5.1,200,0,3,62
5261,2021,51,20,13.4,6.2,200,0,6,62
5261,2021,51,21,12.8,5.1,200,0,7,67
5261,2021,51,22,12.6,4.6,200,0,4,67
5261,2021,51,23,13.4,4.1,220,0,7,65
5261,2021,52,0,12.8,4.6,210,0,8,69
5261,2021,52,1,12.3,3.1,210,0,8,73
5261,2021,52,2,11.4,2.6,200,0,8,76
5261,2021,52,3,10.6,2.6,210,0,7,82
5261,2021,52,4,10.7,2.1,210,0,8,86
5261,2021,52,5,9.7,1.5,190,0,8,87
5261,2021,52,6,9.3,1,210,0,8,89
5261,2021,52,7,9.3,1.5,190,0,8,92
5261,2021,52,8,9.1,1.5,180,0,8,95
5261,2021,52,9,10.7,1,160,0,8,88
5261,2021,52,10,11.1,2.6,150,0,8,84
5261,2021,52,11,11.9,2.1,150,0,8,82
5261,2021,52,12,12.2,6,190,0,8,76
5261,2021,52,13,13.9,3.1,180,0,5,67
5261,2021,52,14,13.1,4.1,180,0,7,69
5261,2021,52,15,12.9,3.1,180,0,3,66
5261,2021,52,16,12.2,2.6,180,0,6,67
5261,2021,52,17,11.1,2.1,190,0,0,72
5261,2021,52,18,10.1,2.1,170,0,0,74
5261,2021,52,19,9.3,1.5,150,0,6,79
5261,2021,52,20,7.6,0.5,60,0,7,87
5261,2021,52,21,7.1,0.5,110,0,8,90
5261,2021,52,22,6.6,0.5,100,0,8,92
5261,2021,52,23,6.7,0,0,0,8,92
5261,2021,53,0,6.2,0,0,0,8,92
5261,2021,53,1,5.6,0.5,360,0,8,95
5261,2021,53,2,5.4,0.5,360,0,8,95
5261,2021,53,3,4.8,0.5,350,0,5,97
5261,2021,53,4,4.2,0.5,360,0,3,97
5261,2021,53,5,3.9,0.5,330,0,5,98
5261,2021,53,6,3.6,0.5,310,0,2,98
5261,2021,53,7,3.3,1,310,0,5,100
5261,2021,53,8,4.5,0.5,20,0,7,100
5261,2021,53,9,7,0.5,310,0,8,100
5261,2021,53,10,8.7,1,170,0,8,100
5261,2021,53,11,10.8,2.6,200,0,8,87

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,53,12,10.6,2.6,210,0,8,86
5261,2021,53,13,9.7,3.1,200,0,4,8,93
5261,2021,53,14,9.5,2.1,200,0,8,8,97
5261,2021,53,15,9.7,2.6,190,0,8,97
5261,2021,53,16,9.4,3.1,200,0,8,99
5261,2021,53,17,9.3,2.1,200,0,8,99
5261,2021,53,18,9.3,2.1,200,0,8,97
5261,2021,53,19,8.9,2.1,200,0,7,97
5261,2021,53,20,8.4,2.1,200,0,8,98
5261,2021,53,21,8.3,2.1,190,0,8,100
5261,2021,53,22,8.2,1.5,220,0,8,98
5261,2021,53,23,7.8,1.5,230,0,8,100
5261,2021,54,0,7.4,2.1,200,0,8,100
5261,2021,54,1,5.9,2.1,200,0,6,98
5261,2021,54,2,4.4,1.5,200,0,0,98
5261,2021,54,3,4.9,2.1,190,0,8,100
5261,2021,54,4,6.5,2.6,200,0,8,100
5261,2021,54,5,6.8,3.1,210,0,8,100
5261,2021,54,6,6.7,3.6,200,0,7,100
5261,2021,54,7,6.4,3.1,180,0,7,98
5261,2021,54,8,7.1,2.6,170,0,8,98
5261,2021,54,9,7.4,3.6,180,0,8,93
5261,2021,54,10,9.5,4.1,190,0,8,86
5261,2021,54,11,11.1,5.1,200,0,2,4,76
5261,2021,54,12,11.7,7.2,210,0,0,67
5261,2021,54,13,12.7,6.7,210,0,0,65
5261,2021,54,14,12.3,6.7,210,0,0,66
5261,2021,54,15,12.8,6.2,200,0,0,65
5261,2021,54,16,12.1,5.7,200,0,1,66
5261,2021,54,17,11.7,5.7,200,0,2,67
5261,2021,54,18,11.6,6.2,200,0,6,71
5261,2021,54,19,11.8,6.2,200,0,8,73
5261,2021,54,20,12.7,6.2,200,0,8,71
5261,2021,54,21,13.6,2,200,0,8,68
5261,2021,54,22,12.8,6.2,210,0,8,63
5261,2021,54,23,12.3,6.2,210,0,7,61
5261,2021,55,0,11.6,5.7,210,0,7,63
5261,2021,55,1,11.1,5.1,210,0,5,68
5261,2021,55,2,11.3,5.1,210,0,1,71
5261,2021,55,3,10.4,5.7,210,0,1,72
5261,2021,55,4,10.1,4.1,200,0,3,75
5261,2021,55,5,10.6,3.6,190,0,7,75
5261,2021,55,6,11.3,4.6,210,0,7,73
5261,2021,55,7,10.4,3.6,210,0,7,76
5261,2021,55,8,11.9,3.1,200,0,7,71
5261,2021,55,9,12.5,4.1,200,0,6,72
5261,2021,55,10,12.8,4.1,200,0,8,70
5261,2021,55,11,12.9,4.6,210,0,8,73
5261,2021,55,12,13.4,6,200,0,8,73
5261,2021,55,13,13.1,4.6,200,0,7,71
5261,2021,55,14,12.7,5.1,200,0,7,74
5261,2021,55,15,13.5,4.6,200,0,8,70
5261,2021,55,16,13.2,4.1,190,0,6,71
5261,2021,55,17,12.1,3.6,190,0,2,76
5261,2021,55,18,11.2,3.1,190,0,3,78
5261,2021,55,19,11.5,2.6,200,0,7,76
5261,2021,55,20,11.7,3.1,200,0,8,76
5261,2021,55,21,12.2,3.1,200,0,7,74
5261,2021,55,22,12.1,3.6,210,0,7,72
5261,2021,55,23,11.5,3.6,210,0,5,74
5261,2021,56,0,12.3,6,210,0,7,70
5261,2021,56,1,12.7,4.1,210,0,8,68
5261,2021,56,2,12.4,4.1,230,0,8,69
5261,2021,56,3,11.7,4.1,220,0,8,72
5261,2021,56,4,10.3,3.6,220,0,7,81
5261,2021,56,5,10.2,3.1,210,0,7,84
5261,2021,56,6,9.9,2.6,220,0,8,88

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,56,7,9.9,2.1,250,0,8,89
5261,2021,56,8,9.4,1.5,300,0,7,81
5261,2021,56,9,9.5,1.5,300,0,8,83
5261,2021,56,10,9.5,1.5,300,0,8,83
5261,2021,56,11,9.6,1.5,300,0,8,83
5261,2021,56,12,10,1.5,300,0,7,83
5261,2021,56,13,10.5,1.5,320,0,8,78
5261,2021,56,14,10.9,1,300,0,8,76
5261,2021,56,15,11.3,1.5,300,0,8,67
5261,2021,56,16,11.2,1,300,0,8,63
5261,2021,56,17,10.3,1.5,300,0,8,56
5261,2021,56,18,8.7,1,280,0,8,66
5261,2021,56,19,7.2,1,270,0,8,77
5261,2021,56,20,6.1,1,250,0,8,85
5261,2021,56,21,5.3,1.5,260,0,3,82
5261,2021,56,22,5.7,1.5,290,0,0,80
5261,2021,56,23,5.8,1.5,310,0,0,78
5261,2021,57,0.5,2.2,1,310,0,0,79
5261,2021,57,1,3.4,1,350,0,0,84
5261,2021,57,2,2.7,1,350,0,3,91
5261,2021,57,3,2.9,1,350,0,0,87
5261,2021,57,4,1.9,0.5,360,0,0,89
5261,2021,57,5,1.5,1,340,0,0,92
5261,2021,57,6,1.9,1,340,0,0,92
5261,2021,57,7,0.1,0.5,330,0,0,92
5261,2021,57,8,0.7,0.5,290,0,0,98
5261,2021,57,9,5.5,0.5,350,0,0,89
5261,2021,57,10,8,1,40,0,0,72
5261,2021,57,11,9.1,1.5,350,0,0,56
5261,2021,57,12,9.9,2.1,350,0,0,55
5261,2021,57,13,10.5,2.1,350,0,0,42
5261,2021,57,14,11.4,1.5,360,0,0,44
5261,2021,57,15,11.4,1.5,340,0,0,40
5261,2021,57,16,11.1,2.1,350,0,0,41
5261,2021,57,17,10.6,1.5,350,0,0,46
5261,2021,57,18,7.4,0.5,330,0,0,58
5261,2021,57,19,3.8,0.5,300,0,0,76
5261,2021,57,20,2.5,0.5,300,0,0,84
5261,2021,57,21,1.3,0.5,250,0,0,92
5261,2021,57,22,0.6,0.5,260,0,0,92
5261,2021,57,23,0,0.5,280,0,0,94
5261,2021,58,0,-0.4,0,0,0,0,95
5261,2021,58,1,-0.7,0,0,0,0,95
5261,2021,58,2,-1.1,0.5,310,0,0,97
5261,2021,58,3,-1.6,0,0,0,0,96
5261,2021,58,4,-1.7,0,0,0,0,96
5261,2021,58,5,-2,0,0,0,0,96
5261,2021,58,6,-1.9,0.5,210,0,0,96
5261,2021,58,7,-1.9,0.5,250,0,0,96
5261,2021,58,8,-1.1,0,0,0,0,99
5261,2021,58,9,3.7,0.5,30,0,0,100
5261,2021,58,10,7.6,1.5,70,0,0,83
5261,2021,58,11,10.2,2.1,70,0,0,66
5261,2021,58,12,11.3,3.6,60,0,1,64
5261,2021,58,13,11.2,3.6,40,0,1,63
5261,2021,58,14,11.7,3.6,60,0,2,57
5261,2021,58,15,11.5,3.1,60,0,2,59
5261,2021,58,16,10.9,3.1,60,0,0,60
5261,2021,58,17,9.8,3.1,50,0,0,61
5261,2021,58,18,7.3,2.6,70,0,0,72
5261,2021,58,19,4.8,2.1,70,0,0,80
5261,2021,58,20,3.8,1,30,0,0,84
5261,2021,58,21,2.1,1,30,0,0,89
5261,2021,58,22,1.8,1.5,30,0,0,94
5261,2021,58,23,1.5,0.5,30,0,0,96
5261,2021,59,0,0.7,1,30,0,0,96
5261,2021,59,1,0.1,0.5,40,0,0,96

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,59,2,0.6,1,50,0,7,98
5261,2021,59,3,2.6,2.6,50,0,8,100
5261,2021,59,4,2.9,1.5,40,0,8,100
5261,2021,59,5,3.1,1.5,30,0,8,100
5261,2021,59,6,3.1,1.5,40,0,8,100
5261,2021,59,7,3.4,3.1,50,0,8,100
5261,2021,59,8,3.9,2.6,40,0,8,98
5261,2021,59,9,4.9,3.6,50,0,8,95
5261,2021,59,10,6.5,4.1,60,0,8,89
5261,2021,59,11,7.7,4.1,60,0,5,77
5261,2021,59,12,8.7,4.6,60,0,3,76
5261,2021,59,13,9.2,5.1,60,0,3,72
5261,2021,59,14,9.4,4.6,50,0,5,72
5261,2021,59,15,9.4,5.1,50,0,0,71
5261,2021,59,16,9.6,4.6,50,0,0,70
5261,2021,59,17,8.6,4.6,50,0,0,67
5261,2021,59,18,6.8,4.6,50,0,0,75
5261,2021,59,19,5.6,4.1,60,0,0,81
5261,2021,59,20,5.1,3.6,50,0,0,82
5261,2021,59,21,4.5,4.1,50,0,0,85
5261,2021,59,22,2.6,2.1,80,0,0,89
5261,2021,59,23,3.5,2.6,60,0,0,98
5261,2021,60,0,2.5,1.5,60,0,0,98
5261,2021,60,1,1.9,2.1,30,0,0,98
5261,2021,60,2,1.7,2.1,20,0,0,100
5261,2021,60,3,0.7,0.5,50,0,7,98
5261,2021,60,4,4.1,5.60,0,8,100
5261,2021,60,5,4.4,3.1,60,0,8,100
5261,2021,60,6,4.9,3.1,60,0,8,98
5261,2021,60,7,5.2,4.6,70,0,8,95
5261,2021,60,8,5.6,4.6,60,0,8,94
5261,2021,60,9,5.9,5.1,70,0,8,89
5261,2021,60,10,7.1,4.1,80,0,8,84
5261,2021,60,11,9.2,4.6,70,0,0,72
5261,2021,60,12,10.6,4.6,70,0,0,67
5261,2021,60,13,11.1,5.7,70,0,0,62
5261,2021,60,14,11.2,5.1,60,0,0,60
5261,2021,60,15,10.5,5.1,60,0,0,63
5261,2021,60,16,8.9,4.6,50,0,0,68
5261,2021,60,17,7.1,4.1,50,0,0,74
5261,2021,60,18,4.5,4.1,40,0,0,85
5261,2021,60,19,3.3,3.6,40,0,4,91
5261,2021,60,20,2.7,3.1,50,0,7,94
5261,2021,60,21,3,3.1,50,0,8,96
5261,2021,60,22,3.6,4.1,50,0,8,91
5261,2021,60,23,3.4,4.6,60,0,8,91
5261,2021,61,0,3.7,4.1,60,0,8,92
5261,2021,61,1,3.3,3.6,60,0,8,91
5261,2021,61,2,1.6,2.1,20,0,1,94
5261,2021,61,3,0.5,1.5,10,0,0,96
5261,2021,61,4,0.2,1.5,10,0,4,98
5261,2021,61,5,2.5,1.5,20,0,8,100
5261,2021,61,6,3.4,2.1,40,0,8,100
5261,2021,61,7,3.7,3.1,40,0,8,98
5261,2021,61,8,3.9,3.1,40,0,8,98
5261,2021,61,9,4.7,3.1,40,0,8,95
5261,2021,61,10,5.1,3.1,30,0,8,92
5261,2021,61,11,5.7,3.6,50,0,8,91
5261,2021,61,12,5.9,3.6,40,0,8,88
5261,2021,61,13,6.4,3.1,30,0,8,85
5261,2021,61,14,7.6,3.1,40,0,5,81
5261,2021,61,15,8.6,3.1,50,0,0,78
5261,2021,61,16,8.5,3.1,60,0,0,76
5261,2021,61,17,7.3,2.6,50,0,0,81
5261,2021,61,18,5.3,1.5,50,0,0,87
5261,2021,61,19,4.5,1.5,40,0,0,92
5261,2021,61,20,3.8,1.5,30,0,4,97

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,61,21,3.6,1.5,30,0,7,97
5261,2021,61,22,3.1,1,30,0,7,97
5261,2021,61,23,2.8,1.5,20,0,4,98
5261,2021,62,0,1.9,1,20,0,7,98
5261,2021,62,1,3.3,1.5,30,0,8,100
5261,2021,62,2,2.6,1,40,0,7,98
5261,2021,62,3,1.7,1.5,40,0,7,98
5261,2021,62,4,1,1,40,0,3,98
5261,2021,62,5,1,1.5,40,0,5,100
5261,2021,62,6,1.3,2.1,70,0,8,100
5261,2021,62,7,2.1,2.1,70,0,8,100
5261,2021,62,8,2.8,2.1,70,0,8,100
5261,2021,62,9,3.5,2.1,80,0,8,100
5261,2021,62,10,4.1,2.1,70,0,8,100
5261,2021,62,11,5.4,1.5,80,0,8,100
5261,2021,62,12,6.5,1.5,40,0,8,100
5261,2021,62,13,7,1.5,40,0,2,8,97
5261,2021,62,14,7.4,1,70,0,8,8,97
5261,2021,62,15,7.4,1.5,60,1,8,98
5261,2021,62,16,7.3,1,30,0,2,8,98
5261,2021,62,17,7.4,1,50,0,8,98
5261,2021,62,18,7.1,1.5,60,0,8,98
5261,2021,62,19,7,1,60,0,8,98
5261,2021,62,20,6.9,1.5,90,0,8,100
5261,2021,62,21,6.9,1.5,80,0,8,100
5261,2021,62,22,6.9,0.5,90,0,8,100
5261,2021,62,23,7.1,0.5,110,0,8,100
5261,2021,63,0,7,1,50,0,8,8,100
5261,2021,63,1,6.8,1.5,60,5.6,8,100
5261,2021,63,2,6.5,1,40,0,4,8,100
5261,2021,63,3,6.4,1,40,1,8,100
5261,2021,63,4,5.9,2.1,30,0,8,100
5261,2021,63,5,5.5,3.1,30,0,8,98
5261,2021,63,6,5.2,2.1,30,0,8,98
5261,2021,63,7,4.9,2.6,30,0,4,8,98
5261,2021,63,8,5,2.6,30,0,8,100
5261,2021,63,9,5,2.1,20,0,8,100
5261,2021,63,10,4.4,3.1,20,0,8,100
5261,2021,63,11,4.6,3.6,30,0,8,93
5261,2021,63,12,4.9,3.1,20,0,7,92
5261,2021,63,13,4.7,3.1,20,0,7,87
5261,2021,63,14,5.1,3.1,20,0,8,84
5261,2021,63,15,4.9,2.6,20,0,7,84
5261,2021,63,16,5.1,3.1,20,0,8,81
5261,2021,63,17,5.1,3.1,20,0,8,79
5261,2021,63,18,4.9,3.1,20,0,8,79
5261,2021,63,19,4.8,2.6,30,0,8,77
5261,2021,63,20,4.4,1,10,0,8,83
5261,2021,63,21,4.4,1,350,0,8,87
5261,2021,63,22,4.1,3.1,20,0,8,90
5261,2021,63,23,3.6,3.6,20,0,2,8,84
5261,2021,64,0,3.4,4.6,30,0,8,71
5261,2021,64,1,3.5,4.1,20,0,8,68
5261,2021,64,2,3.5,3.6,30,0,8,69
5261,2021,64,3,3.2,3.6,20,0,7,77
5261,2021,64,4,3.2,3.6,20,0,7,77
5261,2021,64,5,3.4,1,20,0,8,77
5261,2021,64,6,1.9,4.1,30,0,5,81
5261,2021,64,7,0.9,2.6,50,0,7,84
5261,2021,64,8,2.2,2.6,40,0,0,82
5261,2021,64,9,4.2,4.1,40,0,0,73
5261,2021,64,10,4.6,5.7,40,0,1,60
5261,2021,64,11,4.9,5.7,40,0,7,62
5261,2021,64,12,5.3,5.1,40,0,8,59
5261,2021,64,13,5.6,4.6,30,0,8,54
5261,2021,64,14,5.9,5.1,40,0,8,54
5261,2021,64,15,6.4,6.50,0,8,52

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,64,16,5.6,5.1,50,0,7,52
5261,2021,64,17,4.6,4.6,50,0,5,60
5261,2021,64,18,4,4.1,50,0,6,62
5261,2021,64,19,2.9,4.6,60,0,2,65
5261,2021,64,20,1.2,2.6,40,0,0,69
5261,2021,64,21,0.2,1.5,20,0,0,74
5261,2021,64,22,-1.2,1,20,0,1,86
5261,2021,64,23,-1.8,1.5,30,0,0,90
5261,2021,65,0,-0.2,1.5,10,0,7,90
5261,2021,65,1,-0.2,1,10,0,8,90
5261,2021,65,2,-0.7,1,50,0,7,91
5261,2021,65,3,-1,1,20,0,6,95
5261,2021,65,4,-2,1,350,0,1,94
5261,2021,65,5,-2.7,0.5,320,0,3,93
5261,2021,65,6,-2.8,0.5,330,0,7,95
5261,2021,65,7,-2.1,0.5,10,0,7,96
5261,2021,65,8,-1.2,0.5,360,0,7,97
5261,2021,65,9,1.9,1.5,40,0,8,98
5261,2021,65,10,5.2,2.1,80,0,7,78
5261,2021,65,11,6,4.6,70,0,7,65
5261,2021,65,12,5.9,4.1,70,0,8,68
5261,2021,65,13,5.8,3.1,50,0,8,68
5261,2021,65,14,5.3,4.1,70,0,8,65
5261,2021,65,15,6.1,3.6,60,0,7,62
5261,2021,65,16,5.5,4.1,50,0,7,61
5261,2021,65,17,4.7,4.1,50,0,2,64
5261,2021,65,18,3.1,3.1,40,0,1,70
5261,2021,65,19,1.5,2.6,30,0,0,75
5261,2021,65,20,0.2,2.1,20,0,0,82
5261,2021,65,21,-1.3,1.5,20,0,0,88
5261,2021,65,22,-2,0.5,10,0,0,92
5261,2021,65,23,-2.5,0.5,10,0,0,93
5261,2021,66,0,-3.1,0,0,0,95
5261,2021,66,1,-3.1,0.5,350,0,0,95
5261,2021,66,2,-3.8,0.5,270,0,0,94
5261,2021,66,3,-4.2,0.5,290,0,5,94
5261,2021,66,4,-4.6,0,0,0,3,91
5261,2021,66,5,-4.5,0.5,300,0,6,93
5261,2021,66,6,-4.8,0.5,260,0,5,90
5261,2021,66,7,-4.3,0.5,220,0,8,94
5261,2021,66,8,-0.2,0,0,0,8,100
5261,2021,66,9,3.3,1.5,30,0,8,70
5261,2021,66,10,4.1,3.1,40,0,3,60
5261,2021,66,11,5.1,3.1,50,0,6,53
5261,2021,66,12,5.1,3.1,20,0,1,50
5261,2021,66,13,4.5,3.1,20,0,6,52
5261,2021,66,14,5.8,3.1,30,0,5,50
5261,2021,66,15,5.3,3.1,50,0,5,50
5261,2021,66,16,5,2.6,60,0,1,50
5261,2021,66,17,4.3,2.6,80,0,0,58
5261,2021,66,18,2.1,1.5,130,0,0,67
5261,2021,66,19,-0.3,1,180,0,0,73
5261,2021,66,20,-1.6,0.5,280,0,0,86
5261,2021,66,21,-2.7,0.5,280,0,0,86
5261,2021,66,22,-3.2,0.5,280,0,0,90
5261,2021,66,23,-3.6,0.5,270,0,0,90
5261,2021,67,0,-4.2,0,0,0,91
5261,2021,67,1,-4.3,0.5,260,0,0,91
5261,2021,67,2,-4.7,0,0,0,90
5261,2021,67,3,-5.0,5,320,0,0,90
5261,2021,67,4,-5.0,0,0,0,90
5261,2021,67,5,-5.2,0.5,320,0,2,90
5261,2021,67,6,-4.2,0.5,240,0,7,94
5261,2021,67,7,-3.7,0.5,230,0,8,94
5261,2021,67,8,-2,0.5,190,0,8,98
5261,2021,67,9,-0.4,0.5,220,0,8,100
5261,2021,67,10,2.2,0.5,150,0,8,93

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,67,11,4.5,1.5,270,0,8,72
5261,2021,67,12,6.9,2.6,240,0,8,61
5261,2021,67,13,8.9,2.6,220,0,8,60
5261,2021,67,14,8.8,2.6,240,0,7,58
5261,2021,67,15,8.3,2.6,250,0,5,60
5261,2021,67,16,8.5,1.5,250,0,5,62
5261,2021,67,17,8.8,1.5,250,0,7,62
5261,2021,67,18,6.1,2.1,220,0,7,67
5261,2021,67,19,4.1,1.5,230,0,8,77
5261,2021,67,20,3.8,2.1,240,0,8,78
5261,2021,67,21,4,2.6,240,0,8,80
5261,2021,67,22,3,2.1,240,0,8,86
5261,2021,67,23,3.9,2.1,260,0,7,83
5261,2021,68,0,2,1,260,0,8,87
5261,2021,68,1,0.7,0.5,290,0,7,92
5261,2021,68,2,-0.1,1,270,0,2,94
5261,2021,68,3,0.2,1.5,270,0,7,96
5261,2021,68,4,3.3,1.5,290,0,8,81
5261,2021,68,5,1.3,1.5,290,0,1,83
5261,2021,68,6,-0.9,1.5,280,0,0,89
5261,2021,68,7,-1.3,1,230,0,0,94
5261,2021,68,8,1.8,1,210,0,3,100
5261,2021,68,9,5.4,1.5,240,0,3,80
5261,2021,68,10,8.4,1.5,290,0,0,62
5261,2021,68,11,9.8,2.1,280,0,0,54
5261,2021,68,12,11.5,3.1,270,0,0,50
5261,2021,68,13,12.2,3.1,300,0,0,44
5261,2021,68,14,12.7,3.1,290,0,0,47
5261,2021,68,15,13.3,3.1,280,0,0,44
5261,2021,68,16,12.3,3.6,280,0,0,46
5261,2021,68,17,11.2,3.1,290,0,0,51
5261,2021,68,18,8.6,3.1,250,0,0,61
5261,2021,68,19,6.5,3.6,250,0,6,72
5261,2021,68,20,5.4,2.6,240,0,8,75
5261,2021,68,21,4.8,3.1,250,0,8,81
5261,2021,68,22,4.8,3.1,250,0,8,84
5261,2021,68,23,5.1,3.1,240,0,8,87
5261,2021,69,0,5.4,3.6,220,0,8,87
5261,2021,69,1,5.8,3.6,230,0,8,88
5261,2021,69,2,6.1,3.6,230,0,8,86
5261,2021,69,3,6.6,4.6,230,0,8,85
5261,2021,69,4,6.8,5.1,230,0,8,84
5261,2021,69,5,6.8,4.6,210,0,8,82
5261,2021,69,6,6.7,4.6,210,0,8,82
5261,2021,69,7,6.4,5.1,230,0,8,85
5261,2021,69,8,6.3,6.2,220,0,8,80
5261,2021,69,9,6.7,6.2,210,0,8,81
5261,2021,69,10,6.8,6.7,210,0,8,82
5261,2021,69,11,6.7,6.2,220,0,2,8,89
5261,2021,69,12,6.3,6.7,210,0,6,8,95
5261,2021,69,13,6.7,7.2,220,0,8,8,96
5261,2021,69,14,6.8,7.7,210,0,6,8,96
5261,2021,69,15,7.2,7.7,220,0,2,8,96
5261,2021,69,16,7.4,7.7,210,0,4,8,96
5261,2021,69,17,7.5,7.2,220,0,8,97
5261,2021,69,18,7.9,7.7,220,0,4,8,97
5261,2021,69,19,8.5,8.2,220,0,2,8,97
5261,2021,69,20,8.8,8.2,220,0,2,8,99
5261,2021,69,21,9.4,8.2,220,0,4,8,97
5261,2021,69,22,9.6,8.7,220,0,4,8,97
5261,2021,69,23,9.9,7.7,230,0,2,8,96
5261,2021,70,0,10.1,7.2,230,0,2,8,95
5261,2021,70,1,10.2,8.2,220,0,8,94
5261,2021,70,2,10.3,9.3,230,0,4,8,90
5261,2021,70,3,9.7,8.2,240,0,6,8,86
5261,2021,70,4,8.8,8.7,240,0,4,7,88
5261,2021,70,5,9.7,9.8,240,0,8,77

Emissions to air risk assessment
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5261,2021,70,6,9.6,9.8,240,0.2,8,74
5261,2021,70,7,9.6,9.8,240,0.8,73
5261,2021,70,8,9.6,9.8,250,0.8,73
5261,2021,70,9,10.2,8.2,250,0.8,68
5261,2021,70,10,10.4,7.7,260,0.8,66
5261,2021,70,11,11.6,7.2,260,0.7,60
5261,2021,70,12,11.1,7.2,260,0.8,59
5261,2021,70,13,9.2,6.2,270,0.7,75
5261,2021,70,14,9.8,4.6,270,0.7,77
5261,2021,70,15,7.5,6.7,260,0.8,7,83
5261,2021,70,16,6.5,4.6,270,1.8,7,87
5261,2021,70,17,6.3,3.6,260,0.6,7,85
5261,2021,70,18,4.6,4.1,250,1.4,7,89
5261,2021,70,19,4.9,4.6,250,0.2,6,86
5261,2021,70,20,4.7,5.1,250,0.0,84
5261,2021,70,21,4.6,4.6,250,0.4,85
5261,2021,70,22,4.7,4.6,250,0.6,82
5261,2021,70,23,4.6,4.1,250,0.2,84
5261,2021,71,0,4.3,4.1,250,0.0,84
5261,2021,71,1,3.7,3.6,250,0.1,85
5261,2021,71,2,3.8,3.1,240,0.7,88
5261,2021,71,3,4.2,3.6,230,0.6,87
5261,2021,71,4,5.4,1.230,0.8,86
5261,2021,71,5,5.9,4.1,240,0.8,86
5261,2021,71,6,5.5,4.6,240,0.8,7,89
5261,2021,71,7,5.9,4.6,240,0.7,89
5261,2021,71,8,6.8,4.1,230,0.8,88
5261,2021,71,9,7.8,4.6,230,0.8,83
5261,2021,71,10,6.9,6.2,230,0.2,6,85
5261,2021,71,11,8.4,5.7,250,0.6,78
5261,2021,71,12,9.6,2,260,0.7,70
5261,2021,71,13,7.8,6.7,260,0.6,75
5261,2021,71,14,9.8,5.1,250,0.2,62
5261,2021,71,15,10.3,6.7,250,0.6,52
5261,2021,71,16,7.9,6.2,250,0.2,8,74
5261,2021,71,17,7.5,7,240,0.8,2,78
5261,2021,71,18,6.6,5.1,240,0.6,81
5261,2021,71,19,6.9,4.1,230,0.7,84
5261,2021,71,20,7.4,5.1,240,0.8,81
5261,2021,71,21,7.6,5.1,240,0.8,84
5261,2021,71,22,7.5,1.230,1.8,93
5261,2021,71,23,6.1,5.7,230,1.8,8,94
5261,2021,72,0,6.4,5.7,230,1.4,8,92
5261,2021,72,1,7.2,7.2,220,0.4,8,93
5261,2021,72,2,6.1,8.7,240,5.6,8,86
5261,2021,72,3,5.9,6.2,250,0.8,79
5261,2021,72,4,5.8,6.2,240,0.5,79
5261,2021,72,5,6.6,2,250,0.8,79
5261,2021,72,6,5.8,6.7,250,0.5,76
5261,2021,72,7,5.5,6.7,250,0.4,77
5261,2021,72,8,5.8,6.7,250,0.8,79
5261,2021,72,9,6.6,7.2,260,0.7,78
5261,2021,72,10,7.6,7.7,270,0.8,66
5261,2021,72,11,8.7,7.7,280,0.8,63
5261,2021,72,12,8.9,7.2,290,0.7,62
5261,2021,72,13,8.9,6.7,290,0.6,53
5261,2021,72,14,8.3,7.2,290,0.3,54
5261,2021,72,15,8.5,6.2,280,0.4,55
5261,2021,72,16,9.2,5.7,280,0.5,49
5261,2021,72,17,7.9,6.7,270,0.3,55
5261,2021,72,18,5.2,5.7,300,0.8,69
5261,2021,72,19,4.4,3.6,290,0.2,69
5261,2021,72,20,3.9,3.6,280,0.0,77
5261,2021,72,21,3.6,4.6,280,0.0,76
5261,2021,72,22,3.6,4.1,270,0.6,80
5261,2021,72,23,3.7,3.1,260,0.8,82
5261,2021,73,0,4.1,3.1,250,0.8,82

5261,2021,73,1,4.3,3.6,240,0,8,85
5261,2021,73,2,6,3.6,260,0,5,77
5261,2021,73,3,6.1,4.6,290,0,8,79
5261,2021,73,4,6.2,4.1,300,0,8,76
5261,2021,73,5,5.5,3.1,300,0,4,77
5261,2021,73,6,4.8,2.6,270,0,0,79
5261,2021,73,7,4.7,2.6,270,0,0,81
5261,2021,73,8,6.3,3.1,270,0,0,76
5261,2021,73,9,7.4,4.1,290,0,7,71
5261,2021,73,10,8.9,3.6,280,0,7,70
5261,2021,73,11,9.7,4.6,290,0,6,61
5261,2021,73,12,9.8,4.1,290,0,6,59
5261,2021,73,13,9.7,4.1,290,0,7,61
5261,2021,73,14,9.7,4.1,280,0,7,61
5261,2021,73,15,9.4,4.1,270,0,7,63
5261,2021,73,16,9.1,4.1,270,0,8,64
5261,2021,73,17,9.4,6.270,0,7,64
5261,2021,73,18,8.4,5.1,280,0,8,68
5261,2021,73,19,7.5,7.280,0.2,8,82
5261,2021,73,20,7.2,5.1,260,0,8,84
5261,2021,73,21,7.9,4.6,260,0,8,84
5261,2021,73,22,8.4,4.6,260,0,8,85
5261,2021,73,23,8.7,4.6,270,0,8,84
5261,2021,74,0,8.7,3.6,290,0,7,84
5261,2021,74,1,8.5,4.1,280,0,8,81
5261,2021,74,2,8.4,3.1,290,0,8,79
5261,2021,74,3,8.4,2.6,310,0,7,78
5261,2021,74,4,8.2,2.6,300,0,8,83
5261,2021,74,5,7.9,2.6,300,0,6,83
5261,2021,74,6,7.8,2.6,310,0,8,79
5261,2021,74,7,7.7,2.6,310,0,8,80
5261,2021,74,8,8.3,2.6,300,0,8,78
5261,2021,74,9,9.3,1.310,0,8,73
5261,2021,74,10,9.7,3.1,330,0,8,70
5261,2021,74,11,10.4,3.1,330,0,8,64
5261,2021,74,12,10.5,3.1,330,0,7,62
5261,2021,74,13,11.6,3.6,320,0,6,55
5261,2021,74,14,9.4,3.6,10,0,8,75
5261,2021,74,15,11.2,2.1,340,0,6,60
5261,2021,74,16,9.1,3.6,10,0,7,76
5261,2021,74,17,9.4,1.5,360,0,7,71
5261,2021,74,18,8.5,1,300,0,6,78
5261,2021,74,19,7,1,280,0,7,84
5261,2021,74,20,8.8,1.5,300,0,7,69
5261,2021,74,21,8.6,2.1,320,0,7,66
5261,2021,74,22,7.3,1.5,320,0,8,71
5261,2021,74,23,7.6,1.5,300,0,8,72
5261,2021,75,0,7.7,1.5,310,0,8,73
5261,2021,75,1,7,1,320,0,7,75
5261,2021,75,2,6.8,1.5,300,0,8,78
5261,2021,75,3,6.7,1.5,300,0,8,79
5261,2021,75,4,6.9,1.5,290,0,8,79
5261,2021,75,5,6.3,2.1,240,0,7,82
5261,2021,75,6,6.3,1.5,230,0,8,85
5261,2021,75,7,6.7,2.6,240,0,8,82
5261,2021,75,8,6.7,2.1,260,0,6,8,95
5261,2021,75,9,8.9,2.1,280,0,8,97
5261,2021,75,10,10.6,2.1,300,0,8,87
5261,2021,75,11,12.4,3.1,320,0,7,74
5261,2021,75,12,12.7,3.6,330,0,7,75
5261,2021,75,13,13.7,3.1,330,0,8,70
5261,2021,75,14,12.7,3.1,320,0,7,76
5261,2021,75,15,13.1,2.6,310,0,7,76
5261,2021,75,16,13.8,3.6,340,0,8,71
5261,2021,75,17,14.1,4.1,350,0,7,67
5261,2021,75,18,12.8,3.1,360,0,6,72
5261,2021,75,19,10.8,5.7,20,0,8,76

5261,2021,75,20,9,5.7,20,0,8,61
 5261,2021,75,21,7.8,5.1,20,0,2,67
 5261,2021,75,22,7.2,3.6,10,0,0,71
 5261,2021,75,23,7.2,3.1,10,0,0,71
 5261,2021,76,0,7,3.6,10,0,0,71
 5261,2021,76,1,6.8,3.1,360,0,2,70
 5261,2021,76,2,6.4,3.1,360,0,0,74
 5261,2021,76,3,5.9,3.1,360,0,0,77
 5261,2021,76,4,5.4,2.1,350,0,0,79
 5261,2021,76,5,4.9,2.1,350,0,0,84
 5261,2021,76,6,4.6,2.1,350,0,3,84
 5261,2021,76,7,4.7,2.1,330,0,0,85
 5261,2021,76,8,6.2,2.6,340,0,0,83
 5261,2021,76,9,7.3,3.1,350,0,3,77
 5261,2021,76,10,8.2,3.1,360,0,3,73
 5261,2021,76,11,8.8,2.6,360,0,5,69
 5261,2021,76,12,9.4,2.1,340,0,8,67
 5261,2021,76,13,7.8,2.6,360,0,8,73
 5261,2021,76,14,7.2,1.350,1,8,88
 5261,2021,76,15,7.7,2.6,360,0,2,4,81
 5261,2021,76,16,8.3,3.1,10,0,4,70
 5261,2021,76,17,8.7,3.6,10,0,7,66
 5261,2021,76,18,7.8,2.1,10,0,6,67
 5261,2021,76,19,6.6,1,350,0,7,76
 5261,2021,76,20,6.2,1.5,10,0,4,77
 5261,2021,76,21,6.9,1.5,360,0,8,76
 5261,2021,76,22,5.9,2.1,10,0,0,80
 5261,2021,76,23,5.3,2.6,20,0,6,87
 5261,2021,77,0,5.1,3.1,20,0,7,85
 5261,2021,77,1,3.6,1,360,0,7,90
 5261,2021,77,2,3.6,1,300,0,6,95
 5261,2021,77,3,3.8,1.5,330,0,6,95
 5261,2021,77,4,3.5,1,330,0,7,95
 5261,2021,77,5,3.9,1.5,320,0,6,95
 5261,2021,77,6,4.4,2.1,320,0,7,92
 5261,2021,77,7,5.2,2.6,330,0,8,89
 5261,2021,77,8,5.8,3.1,340,0,8,84
 5261,2021,77,9,6.8,3.1,350,0,8,81
 5261,2021,77,10,7.9,3.6,10,0,7,76
 5261,2021,77,11,8.6,4.6,20,0,7,63
 5261,2021,77,12,7.9,4.6,20,0,8,74
 5261,2021,77,13,8.1,3.6,20,0,8,76
 5261,2021,77,14,8.4,3.6,20,0,8,72
 5261,2021,77,15,8.5,3.1,10,0,8,72
 5261,2021,77,16,8.3,3.1,10,0,8,78
 5261,2021,77,17,8.4,2.1,360,0,8,80
 5261,2021,77,18,8,1.5,340,0,8,86
 5261,2021,77,19,8.1,1.5,330,0,8,90
 5261,2021,77,20,8.1,1.5,330,0,8,92
 5261,2021,77,21,8.5,1.5,320,0,7,90
 5261,2021,77,22,8.5,2.1,330,0,8,94
 5261,2021,77,23,8.9,3.1,360,0,2,8,94
 5261,2021,78,0,8.1,5.7,20,0,2,8,92
 5261,2021,78,1,7.6,5.1,20,0,8,91
 5261,2021,78,2,7.1,5.1,20,0,7,93
 5261,2021,78,3,7.5,7,20,0,7,92
 5261,2021,78,4,6.8,4.6,20,0,8,94
 5261,2021,78,5,6.5,4.6,30,0,8,94
 5261,2021,78,6,5.8,4.1,50,0,7,91
 5261,2021,78,7,5.5,1,40,0,7,82
 5261,2021,78,8,5.9,4.6,50,0,4,81
 5261,2021,78,9,6.1,5.1,50,0,2,72
 5261,2021,78,10,7.1,5.1,40,0,2,66
 5261,2021,78,11,8.6,5.7,50,0,0,62
 5261,2021,78,12,9.3,5.7,50,0,0,54
 5261,2021,78,13,10.1,6.2,60,0,0,56
 5261,2021,78,14,10.3,6.2,60,0,0,52

5261,2021,78,15,9.6,4.6,50,0,2,53
 5261,2021,78,16,10.1,5.1,50,0,2,50
 5261,2021,78,17,9.6,4.6,40,0,1,51
 5261,2021,78,18,7.6,3.6,50,0,0,62
 5261,2021,78,19,5.1,3.1,70,0,0,73
 5261,2021,78,20,5.5,3.1,70,0,7,64
 5261,2021,78,21,3.7,1.5,50,0,4,71
 5261,2021,78,22,2.7,1.5,350,0,0,77
 5261,2021,78,23,2.6,1,350,0,7,76
 5261,2021,79,0,0.6,0.5,360,0,1,84
 5261,2021,79,1,-0.3,0.5,280,0,3,92
 5261,2021,79,2,-0.5,0.5,70,0,1,95
 5261,2021,79,3,0.4,1.5,360,0,4,92
 5261,2021,79,4,0.5,1,340,0,0,94
 5261,2021,79,5,1.6,1,330,0,7,98
 5261,2021,79,6,2,1,350,0,8,94
 5261,2021,79,7,1.4,0.5,280,0,5,94
 5261,2021,79,8,4.3,0.5,290,0,5,86
 5261,2021,79,9,5.6,1,350,0,8,80
 5261,2021,79,10,6.6,1.5,340,0,8,79
 5261,2021,79,11,8.2,1,350,0,8,75
 5261,2021,79,12,9.1,3.1,20,0,8,72
 5261,2021,79,13,8.7,2.6,350,0,8,74
 5261,2021,79,14,8.6,2.1,360,0,8,76
 5261,2021,79,15,8.6,1.5,340,0,7,78
 5261,2021,79,16,8.7,1,320,0,7,81
 5261,2021,79,17,8.8,1.5,270,0,8,81
 5261,2021,79,18,8.7,1,270,0,8,82
 5261,2021,79,19,8.3,1.5,250,0,7,83
 5261,2021,79,20,8.4,1.5,260,0,8,83
 5261,2021,79,21,8.6,1.5,270,0,8,83
 5261,2021,79,22,8.3,2.1,260,0,8,85
 5261,2021,79,23,7.9,1.5,250,0,8,86
 5261,2021,80,0,9.1,2.1,290,0,8,81
 5261,2021,80,1,8.4,2.6,340,0,8,79
 5261,2021,80,2,7.7,2.6,360,0,8,81
 5261,2021,80,3,7.6,1.5,340,0,8,81
 5261,2021,80,4,7.3,2.1,340,0,8,82
 5261,2021,80,5,7.1,1.5,350,0,8,84
 5261,2021,80,6,7,1.5,340,0,8,84
 5261,2021,80,7,6.8,1.5,360,0,8,85
 5261,2021,80,8,7.3,1,320,0,8,85
 5261,2021,80,9,8.3,2.1,350,0,8,83
 5261,2021,80,10,9.7,3.1,20,0,8,70
 5261,2021,80,11,10.4,5.1,40,0,5,66
 5261,2021,80,12,10.7,5.1,30,0,6,60
 5261,2021,80,13,10.5,4.1,20,0,7,61
 5261,2021,80,14,11.1,3.6,20,0,6,54
 5261,2021,80,15,11.4,3.6,10,0,6,53
 5261,2021,80,16,10.7,4.1,30,0,6,54
 5261,2021,80,17,9.9,3.6,30,0,7,56
 5261,2021,80,18,9.1,3.6,30,0,8,61
 5261,2021,80,19,8.3,2.6,40,0,8,63
 5261,2021,80,20,5.8,1.5,40,0,3,74
 5261,2021,80,21,4,0.5,300,0,2,83
 5261,2021,80,22,2.7,0.5,260,0,0,93
 5261,2021,80,23,1.8,0.5,270,0,0,92
 5261,2021,81,0,0.9,0.5,240,0,0,96
 5261,2021,81,1,0.3,0.5,270,0,0,98
 5261,2021,81,2,0.8,0.5,270,0,7,98
 5261,2021,81,3,1.1,0.5,270,0,8,98
 5261,2021,81,4,1.7,0.5,200,0,8,98
 5261,2021,81,5,2.6,0.5,350,0,8,98
 5261,2021,81,6,3,0.5,320,0,8,98
 5261,2021,81,7,3.6,0.5,220,0,8,98
 5261,2021,81,8,5.4,0.5,180,0,8,97
 5261,2021,81,9,8.1,2.1,260,0,8,75

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,81,10,9.4,1.5,270,0,8,72
5261,2021,81,11,11.6,2.1,250,0,7,63
5261,2021,81,12,11.8,3.1,250,0,5,55
5261,2021,81,13,13.2,3.1,250,0,7,51
5261,2021,81,14,12.9,3.1,280,0,1,49
5261,2021,81,15,13.7,3.1,270,0,0,52
5261,2021,81,16,13.2,2.6,250,0,0,50
5261,2021,81,17,11.8,3.1,230,0,0,56
5261,2021,81,18,9.5,3.1,220,0,0,63
5261,2021,81,19,7.5,2.6,220,0,0,77
5261,2021,81,20,5.8,2.1,230,0,0,86
5261,2021,81,21,4.1,5,240,0,0,90
5261,2021,81,22,2.4,0.5,260,0,0,94
5261,2021,81,23,1.8,0.5,300,0,0,96
5261,2021,82,0,1.2,0.5,260,0,0,98
5261,2021,82,1,0.7,0.5,220,0,0,98
5261,2021,82,2,0,0.5,270,0,0,98
5261,2021,82,3,-0.4,0.5,260,0,0,98
5261,2021,82,4,-0.9,0.5,220,0,6,97
5261,2021,82,5,-0.3,0,0,7,100
5261,2021,82,6,1.2,0.5,80,0,8,100
5261,2021,82,7,2.5,0,0,8,100
5261,2021,82,8,4.5,0.5,50,0,8,100
5261,2021,82,9,6.7,1.5,180,0,8,98
5261,2021,82,10,8.6,2.6,230,0,8,74
5261,2021,82,11,9.2,3.6,240,0,8,71
5261,2021,82,12,10,3.6,240,0,8,65
5261,2021,82,13,10.5,3.6,240,0,8,64
5261,2021,82,14,12,3.6,240,0,7,60
5261,2021,82,15,11.2,4.6,240,0,7,62
5261,2021,82,16,11.3,4.6,240,0,5,59
5261,2021,82,17,10.2,4.1,230,0,1,63
5261,2021,82,18,8.5,4.1,220,0,0,68
5261,2021,82,19,6.8,3.1,220,0,0,74
5261,2021,82,20,5.9,3.1,210,0,0,81
5261,2021,82,21,5.1,2.6,220,0,5,87
5261,2021,82,22,3.8,1.5,220,0,3,91
5261,2021,82,23,3.1,1,220,0,0,95
5261,2021,83,0,1.2,1.5,220,0,0,94
5261,2021,83,1,0.4,0.5,240,0,2,98
5261,2021,83,2,-0.2,0.5,260,0,7,98
5261,2021,83,3,0.2,0.5,240,0,4,100
5261,2021,83,4,0.2,1,250,0,2,100
5261,2021,83,5,-0.3,0.5,350,0,6,100
5261,2021,83,6,-0.6,0.5,270,0,5,99
5261,2021,83,7,-0.4,0.5,10,0,8,100
5261,2021,83,8,1.7,0,0,8,100
5261,2021,83,9,7.1,1,130,0,8,100
5261,2021,83,10,10,3.1,230,0,8,78
5261,2021,83,11,10.3,3.1,230,0,7,77
5261,2021,83,12,11.5,3.6,220,0,8,68
5261,2021,83,13,11.3,3.6,230,0,8,68
5261,2021,83,14,11.5,3.6,230,0,7,70
5261,2021,83,15,11.9,3.6,220,0,8,71
5261,2021,83,16,11.3,3.1,240,0,7,72
5261,2021,83,17,11.1,3.6,220,0,8,75
5261,2021,83,18,10.5,3.1,220,0,8,78
5261,2021,83,19,10,3.1,220,0,8,80
5261,2021,83,20,9.2,6,220,0,8,90
5261,2021,83,21,8.2,3.1,210,0,4,8,94
5261,2021,83,22,8.1,2.6,210,0,8,96
5261,2021,83,23,8.1,2.1,220,0,8,99
5261,2021,84,0,7.9,2.1,230,0,8,97
5261,2021,84,1,5.7,1.5,260,0,5,95
5261,2021,84,2,4.1,270,0,7,97
5261,2021,84,3,2.6,0.5,270,0,1,98
5261,2021,84,4,1.3,0.5,250,0,1,98

5261,2021,84,5,0.5,1,230,0,0,98
 5261,2021,84,6,1.1,2.1,230,0,0,100
 5261,2021,84,7,1.8,1.5,240,0,0,100
 5261,2021,84,8,5.6,1.5,210,0,0,100
 5261,2021,84,9,9,3.1,230,0,2,85
 5261,2021,84,10,9,7,4.1,230,0,6,80
 5261,2021,84,11,10,3,4,6,220,0,8,77
 5261,2021,84,12,11,2,4,6,210,0,8,74
 5261,2021,84,13,10,5,5,7,220,0,8,82
 5261,2021,84,14,9,7,4,6,220,0,8,8,93
 5261,2021,84,15,10,9,4,6,230,0,8,75
 5261,2021,84,16,10,1,5,1,220,0,8,86
 5261,2021,84,17,9,9,4,6,220,0,8,88
 5261,2021,84,18,9,3,4,6,220,0,7,88
 5261,2021,84,19,9,1,4,6,220,0,7,86
 5261,2021,84,20,9,4,4,1,220,0,7,88
 5261,2021,84,21,9,5,1,220,0,7,93
 5261,2021,84,22,8,8,4,6,220,0,4,8,97
 5261,2021,84,23,8,9,4,1,230,0,2,8,97
 5261,2021,85,0,8,8,3,6,220,0,8,94
 5261,2021,85,1,9,2,4,1,220,0,7,93
 5261,2021,85,2,9,1,4,6,220,0,7,90
 5261,2021,85,3,9,4,6,210,0,7,88
 5261,2021,85,4,8,8,5,1,210,0,8,88
 5261,2021,85,5,8,8,5,1,210,0,8,88
 5261,2021,85,6,8,8,5,1,210,0,7,86
 5261,2021,85,7,8,9,5,7,210,0,8,86
 5261,2021,85,8,9,4,6,2,220,0,7,87
 5261,2021,85,9,9,6,5,7,210,0,7,85
 5261,2021,85,10,9,7,6,7,210,0,7,82
 5261,2021,85,11,10,2,6,7,210,0,7,82
 5261,2021,85,12,11,7,8,7,220,0,8,76
 5261,2021,85,13,11,3,8,2,220,0,8,76
 5261,2021,85,14,8,9,6,7,230,0,6,8,84
 5261,2021,85,15,9,4,4,6,230,0,8,83
 5261,2021,85,16,9,2,4,6,220,0,7,76
 5261,2021,85,17,7,5,4,1,250,0,2,8,76
 5261,2021,85,18,7,9,3,6,240,0,7,75
 5261,2021,85,19,4,5,3,1,240,1,7,92
 5261,2021,85,20,3,5,2,1,240,0,0,93
 5261,2021,85,21,3,3,2,1,220,0,0,96
 5261,2021,85,22,4,1,3,1,230,0,0,80
 5261,2021,85,23,4,6,5,1,250,0,3,77
 5261,2021,86,0,4,8,4,1,250,0,7,79
 5261,2021,86,1,4,6,4,6,260,0,5,76
 5261,2021,86,2,3,4,4,1,260,0,0,81
 5261,2021,86,3,3,7,4,1,240,0,6,81
 5261,2021,86,4,3,3,4,6,260,0,3,81
 5261,2021,86,5,3,4,1,260,0,1,82
 5261,2021,86,6,2,6,3,1,260,0,0,84
 5261,2021,86,7,3,8,3,6,250,0,0,81
 5261,2021,86,8,5,4,4,1,250,0,0,75
 5261,2021,86,9,7,2,5,1,260,0,0,63
 5261,2021,86,10,8,1,5,1,280,0,0,56
 5261,2021,86,11,9,3,5,7,280,0,2,52
 5261,2021,86,12,9,5,1,280,0,7,51
 5261,2021,86,13,9,8,4,6,270,0,7,54
 5261,2021,86,14,10,2,4,6,270,0,8,52
 5261,2021,86,15,10,7,4,1,270,0,7,54
 5261,2021,86,16,10,6,5,1,240,0,2,56
 5261,2021,86,17,10,3,4,6,240,0,7,62
 5261,2021,86,18,9,4,1,230,0,8,73
 5261,2021,86,19,8,4,1,230,0,7,82
 5261,2021,86,20,7,5,3,6,230,0,7,84
 5261,2021,86,21,7,4,3,1,220,0,8,88
 5261,2021,86,22,7,7,4,1,210,0,8,88
 5261,2021,86,23,8,2,4,1,220,0,8,89

5261,2021,87,0.8.4.4.6,220,0.8,86
 5261,2021,87,1.8.7.5.1,230,0.8,84
 5261,2021,87,2.8.6.5.7,230,0.8,85
 5261,2021,87,3.8.4.5.7,230,0.8,83
 5261,2021,87,4.8.5.5.1,230,0.8,78
 5261,2021,87,5.8.4.6.2,230,0.8,79
 5261,2021,87,6.8.5.5.1,230,0.8,81
 5261,2021,87,7.8.9.5.1,230,0.8,81
 5261,2021,87,8.9.6.6.2,230,0.7,78
 5261,2021,87,9.9.7.6.2,240,0.7,76
 5261,2021,87,10,10.1.6.2,240,0.8,78
 5261,2021,87,11,10.6.6.7,240,0.8,77
 5261,2021,87,12,10.7.7.2,240,0.8,78
 5261,2021,87,13,11.2.7.7,230,0.8,78
 5261,2021,87,14,11.2.6.7,230,0.8,76
 5261,2021,87,15,11.4.5.7,230,0.8,75
 5261,2021,87,16,10.8.5.7,230,0.8,77
 5261,2021,87,17,10.2.6.2,220,0.8,79
 5261,2021,87,18,9.7.6.2,220,0.8,80
 5261,2021,87,19,8.7.5.1,220,0.3,85
 5261,2021,87,20,8.5.4.1,220,0.6,86
 5261,2021,87,21,8.6.4.1,220,0.7,86
 5261,2021,87,22,8.5.3.6,220,0.8,87
 5261,2021,87,23,8.1.3.1,210,0.7,90
 5261,2021,88,0.8.2.3.1,220,0.7,90
 5261,2021,88,1.8.4.3.1,220,0.6,89
 5261,2021,88,2.8.5.3.6,220,0.7,89
 5261,2021,88,3.8.3.4.1,230,0.7,89
 5261,2021,88,4.8.5.4.6,230,0.8,87
 5261,2021,88,5.8.6.5.1,230,0.8,87
 5261,2021,88,6.8.7.4.1,230,0.8,85
 5261,2021,88,7.9.4.1,230,0.8,84
 5261,2021,88,8.9.6.4.1,240,0.8,83
 5261,2021,88,9,11.2.5.1,250,0.5,78
 5261,2021,88,10,12.8.4.6,240,0.0,69
 5261,2021,88,11,14.8.4.1,230,0.0,66
 5261,2021,88,12,15.9.4.1,230,0.0,61
 5261,2021,88,13,16.9.4.6,220,0.0,54
 5261,2021,88,14,16.2.4.6,210,0.0,53
 5261,2021,88,15,16.3.4.1,210,0.0,55
 5261,2021,88,16,15.4.6,210,0.0,56
 5261,2021,88,17,13.5.3.6,190,0.0,65
 5261,2021,88,18,11.3.1,190,0.0,71
 5261,2021,88,19,9.2.1,190,0.0,80
 5261,2021,88,20,5.7.1,190,0.0,89
 5261,2021,88,21,5.1.5,230,0.0,95
 5261,2021,88,22,2.9.0.5,350,0.0,95
 5261,2021,88,23,2.0.5,270,0.0,96
 5261,2021,89,0.2.0.5,240,0.0,98
 5261,2021,89,1,1.2.0.5,280,0.0,98
 5261,2021,89,2,1.1.0.5,340,0.0,98
 5261,2021,89,3,0.6.0.0,0.0,98
 5261,2021,89,4,0.2.0.5,300,0.0,100
 5261,2021,89,5,-0.2.0.5,50,0.0,100
 5261,2021,89,6,0.4.1,10,0.0,100
 5261,2021,89,7,2.2.0.0,0.0,100
 5261,2021,89,8,6.5.1,50,0.0,99
 5261,2021,89,9,10.7.1,50,0.0,78
 5261,2021,89,10,14.4.1,50,0.0,67
 5261,2021,89,11,18,1,80,0.0,59
 5261,2021,89,12,21.9.1.5,100,0.0,30
 5261,2021,89,13,22.4.3.1,140,0.0,32
 5261,2021,89,14,22.7.3.1,150,0.0,30
 5261,2021,89,15,22.4.2.6,190,0.0,34
 5261,2021,89,16,22.2.2.6,180,0.0,35
 5261,2021,89,17,21.4.2.6,210,0.0,29
 5261,2021,89,18,19.1.1.5,230,0.0,32

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,89,19,12.8,1,220,0,0,57
5261,2021,89,20,10.5,0.5,260,0,0,65
5261,2021,89,21,8.3,0.5,330,0,0,76
5261,2021,89,22,7,0,0,0,84
5261,2021,89,23,6.3,0,0,0,86
5261,2021,90,0,5.7,0,0,0,87
5261,2021,90,1,5.2,0.5,350,0,0,90
5261,2021,90,2,4.9,0.5,10,0,0,90
5261,2021,90,3,4.3,0,0,0,92
5261,2021,90,4,3.8,0,0,0,95
5261,2021,90,5,3.5,0.5,340,0,0,97
5261,2021,90,6,3.5,0,0,0,97
5261,2021,90,7,6.1,0.5,280,0,7,100
5261,2021,90,8,8.8,0.5,40,0,8,88
5261,2021,90,9,12.7,0.5,60,0,6,76
5261,2021,90,10,16.7,0.5,90,0,5,64
5261,2021,90,11,20.3,2.1,160,0,5,48
5261,2021,90,12,18.9,3.1,200,0,6,53
5261,2021,90,13,18.1,2.1,200,0,7,56
5261,2021,90,14,18.5,2.1,170,0,8,50
5261,2021,90,15,19.1,2.1,200,0,7,50
5261,2021,90,16,18.3,2.1,220,0,8,52
5261,2021,90,17,17.5,1.5,200,0,7,58
5261,2021,90,18,16.4,0.5,200,0,7,67
5261,2021,90,19,13.7,0.5,270,0,1,72
5261,2021,90,20,11.9,0.5,250,0,7,82
5261,2021,90,21,11.6,0.5,260,0,8,86
5261,2021,90,22,11.2,0,0,0,86
5261,2021,90,23,10.2,0.5,330,0,7,88
5261,2021,91,0,9.3,0,0,0,5,89
5261,2021,91,1,8.4,0.5,350,0,5,92
5261,2021,91,2,8.3,0,0,0,8,93
5261,2021,91,3,7.9,0.5,330,0,8,94
5261,2021,91,4,7.6,0.5,40,0,1,97
5261,2021,91,5,10.7,3.1,10,0,0,85
5261,2021,91,6,9.2,3.6,20,0,7,85
5261,2021,91,7,8.6,3.6,30,0,1,87
5261,2021,91,8,9.4,6.30,0,2,86
5261,2021,91,9,10.2,5.1,30,0,0,80
5261,2021,91,10,11.5,7.40,0,0,75
5261,2021,91,11,12.2,5.7,50,0,0,74
5261,2021,91,12,12.6,6.2,50,0,0,68
5261,2021,91,13,13.5,6.7,50,0,1,69
5261,2021,91,14,13.7,6.2,50,0,0,65
5261,2021,91,15,13.6,7.2,60,0,0,65
5261,2021,91,16,12.6,6.2,60,0,0,68
5261,2021,91,17,10.7,6.2,60,0,1,74
5261,2021,91,18,8.9,5.7,60,0,3,80
5261,2021,91,19,7.5,5.7,50,0,7,83
5261,2021,91,20,7.5,1.50,0,7,82
5261,2021,91,21,6.3,4.6,50,0,0,79
5261,2021,91,22,5.5,5.1,50,0,3,80
5261,2021,91,23,4.9,5.7,40,0,7,79
5261,2021,92,0,5.1,6.7,50,0,8,79
5261,2021,92,1,4.9,5.1,50,0,8,79
5261,2021,92,2,4.2,4.1,40,0,5,82
5261,2021,92,3,4.6,4.6,50,0,7,79
5261,2021,92,4,4.8,4.6,40,0,8,77
5261,2021,92,5,4.5,5.1,40,0,8,74
5261,2021,92,6,4.5,5.1,50,0,8,74
5261,2021,92,7,5.5,7.50,0,8,71
5261,2021,92,8,5.6,5.1,50,0,8,70
5261,2021,92,9,6.3,5.1,50,0,8,68
5261,2021,92,10,7.2,5.7,50,0,8,68
5261,2021,92,11,8.5,5.7,50,0,6,62
5261,2021,92,12,8.6,2.50,0,3,58
5261,2021,92,13,9.2,6.2,50,0,2,58

5261,2021,92,14,9.9,6.2,40,0,1,55
 5261,2021,92,15,10.4,5.7,40,0,0,55
 5261,2021,92,16,10.3,6.2,40,0,0,56
 5261,2021,92,17,9.4,6.2,30,0,0,57
 5261,2021,92,18,7.4,6.2,30,0,6,64
 5261,2021,92,19,6.6,6.2,30,0,8,66
 5261,2021,92,20,6.5,5.7,40,0,8,64
 5261,2021,92,21,6.7,5.7,40,0,8,64
 5261,2021,92,22,6.5,5.7,40,0,8,67
 5261,2021,92,23,6.8,5.1,40,0,8,66
 5261,2021,93,0,5.5,4.6,30,0,1,75
 5261,2021,93,1,5.7,4.6,30,0,7,75
 5261,2021,93,2,5.5,4.6,30,0,7,78
 5261,2021,93,3,5.7,4.6,40,0,8,74
 5261,2021,93,4,5.5,5.1,40,0,8,73
 5261,2021,93,5,5.4,5.7,40,0,8,70
 5261,2021,93,6,5.3,4.6,40,0,8,70
 5261,2021,93,7,5.4,5.1,40,0,8,69
 5261,2021,93,8,5.8,5.7,40,0,8,66
 5261,2021,93,9,6.5,5.7,40,0,8,66
 5261,2021,93,10,7.4,5.7,40,0,8,61
 5261,2021,93,11,7.6,6.2,50,0,8,62
 5261,2021,93,12,8.5,5.7,40,0,7,59
 5261,2021,93,13,8.8,5.1,40,0,8,60
 5261,2021,93,14,8.8,5.1,40,0,8,58
 5261,2021,93,15,9.5,1.40,0,8,57
 5261,2021,93,16,9.1,5.7,40,0,8,58
 5261,2021,93,17,8.6,5.1,40,0,3,58
 5261,2021,93,18,7.8,4.6,40,0,1,59
 5261,2021,93,19,7.5,3.6,30,0,7,63
 5261,2021,93,20,6.8,3.6,30,0,8,65
 5261,2021,93,21,5.5,3.6,30,0,3,67
 5261,2021,93,22,5.4,2.1,30,0,7,70
 5261,2021,93,23,5.8,3.1,40,0,8,69
 5261,2021,94,0,5.1,3.1,40,0,8,71
 5261,2021,94,1,3.3,2.6,30,0,5,77
 5261,2021,94,2,2.2,1.5,20,0,7,85
 5261,2021,94,3,2.5,1.360,0,8,89
 5261,2021,94,4,3.0,5.340,0,8,84
 5261,2021,94,5,3.1,1.330,0,8,82
 5261,2021,94,6,3.5,1.340,0,8,83
 5261,2021,94,7,4.0,5.320,0,8,78
 5261,2021,94,8,5.2,1.300,0,8,74
 5261,2021,94,9,5.7,1.5,340,0,8,72
 5261,2021,94,10,6.8,1.5,320,0,8,70
 5261,2021,94,11,8.1,1.5,340,0,3,65
 5261,2021,94,12,9.9,2.6,10,0,0,61
 5261,2021,94,13,12.7,2.1,300,0,0,61
 5261,2021,94,14,12.7,2.1,260,0,0,52
 5261,2021,94,15,13.8,2.6,260,0,0,49
 5261,2021,94,16,14.2,3.1,270,0,0,44
 5261,2021,94,17,13.6,3.1,260,0,0,52
 5261,2021,94,18,11.3,3.1,220,0,0,62
 5261,2021,94,19,8.9,3.1,220,0,0,73
 5261,2021,94,20,7.6,2.6,230,0,0,80
 5261,2021,94,21,6.9,3.1,240,0,0,84
 5261,2021,94,22,6.5,3.1,240,0,0,84
 5261,2021,94,23,7.2,1.260,0,0,79
 5261,2021,95,0,7.4,3.1,270,0,0,81
 5261,2021,95,1,6.7,3.1,280,0,7,85
 5261,2021,95,2,6.7,3.1,280,0,3,84
 5261,2021,95,3,6.4,3.1,270,0,1,86
 5261,2021,95,4,6.9,3.1,280,0,5,85
 5261,2021,95,5,6.2,3.1,280,0,7,88
 5261,2021,95,6,7.5,3.1,280,0,7,78
 5261,2021,95,7,6.2,5.1,350,0,8,56
 5261,2021,95,8,6.3,5.1,340,0,7,48

5261,2021,95,9,7.7,4.6,360,0,3,50
 5261,2021,95,10,6.4,4.1,10,0,7,56
 5261,2021,95,11,4.9,5.1,20,0,8,62
 5261,2021,95,12,4.4,4.6,20,0,8,56
 5261,2021,95,13,5.9,3.6,350,0,7,49
 5261,2021,95,14,6.3,3.6,340,0,5,37
 5261,2021,95,15,7,3.6,360,0,2,27
 5261,2021,95,16,6.7,4.1,350,0,0,24
 5261,2021,95,17,6.4,4.1,360,0,0,15
 5261,2021,95,18,5.4,3.6,360,0,0,20
 5261,2021,95,19,4.2,2.6,360,0,0,25
 5261,2021,95,20,1.3,1,320,0,0,41
 5261,2021,95,21,-0.8,1,280,0,0,54
 5261,2021,95,22,1.5,1.5,300,0,0,43
 5261,2021,95,23,0.9,2.1,290,0,0,48
 5261,2021,96,0,-0.4,2.1,280,0,0,58
 5261,2021,96,1,0,1.5,280,0,0,61
 5261,2021,96,2,0.4,2.1,300,0,0,60
 5261,2021,96,3,0.1,2.1,300,0,0,63
 5261,2021,96,4,0,2.6,310,0,0,66
 5261,2021,96,5,-0.3,2.1,300,0,0,70
 5261,2021,96,6,-0.3,2.6,300,0,7,73
 5261,2021,96,7,0.7,2.1,300,0,7,74
 5261,2021,96,8,2.4,3.1,320,0,1,68
 5261,2021,96,9,4.2,3.6,340,0,2,61
 5261,2021,96,10,5,3.6,340,0,6,53
 5261,2021,96,11,5,3.6,330,0,4,41
 5261,2021,96,12,6.2,3.6,340,0,4,37
 5261,2021,96,13,7.4,4.1,330,0,5,31
 5261,2021,96,14,6.6,3.1,320,0,8,33
 5261,2021,96,15,6.2,4.1,310,0,8,37
 5261,2021,96,16,5.5,3.6,300,0,8,44
 5261,2021,96,17,4.7,3.6,320,0,4,51
 5261,2021,96,18,4.3,3.6,10,0,7,48
 5261,2021,96,19,2.9,2.6,340,0,7,56
 5261,2021,96,20,1.7,2.1,330,0,2,60
 5261,2021,96,21,1,2.1,340,0,2,65
 5261,2021,96,22,-0.4,1.5,310,0,0,77
 5261,2021,96,23,-1.1,1.5,310,0,0,80
 5261,2021,97,0,-0.9,2.1,310,0,0,76
 5261,2021,97,1,-1.6,2.1,300,0,0,79
 5261,2021,97,2,-2.6,1.5,290,0,0,84
 5261,2021,97,3,-1.9,1.5,290,0,0,85
 5261,2021,97,4,-2.6,2.1,280,0,0,86
 5261,2021,97,5,-2.5,2.1,280,0,0,86
 5261,2021,97,6,-1.7,2.1,280,0,0,86
 5261,2021,97,7,0.2,2.1,290,0,0,78
 5261,2021,97,8,3.1,2.1,300,0,0,69
 5261,2021,97,9,4.5,2.1,300,0,3,58
 5261,2021,97,10,4.6,3.1,300,0,7,52
 5261,2021,97,11,4.7,3.1,320,0,7,44
 5261,2021,97,12,5.2,3.1,300,0,8,44
 5261,2021,97,13,5.7,3.6,300,0,8,43
 5261,2021,97,14,5.5,3.6,300,0,8,44
 5261,2021,97,15,5.5,3.6,300,0,8,44
 5261,2021,97,16,5.5,2.6,310,0,8,45
 5261,2021,97,17,5.4,2.6,320,0,8,46
 5261,2021,97,18,5,2.1,310,0,8,47
 5261,2021,97,19,4.3,1,310,0,8,50
 5261,2021,97,20,4.2,1,300,0,8,50
 5261,2021,97,21,3.2,1,270,0,8,64
 5261,2021,97,22,3.2,1.5,260,0,8,65
 5261,2021,97,23,3.6,2.1,260,0,8,61
 5261,2021,98,0,3.5,2.1,260,0,8,62
 5261,2021,98,1,3.3,2.1,250,0,8,64
 5261,2021,98,2,2.4,1.5,250,0,7,71
 5261,2021,98,3,2.9,1.5,250,0,8,68

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,98,4,1.2,1.5,260,0,6,73
5261,2021,98,5,-0.8,1.5,260,0,3,75
5261,2021,98,6,-0.4,1.5,240,0,7,85
5261,2021,98,7,3.1,1.5,230,0,8,70
5261,2021,98,8,5.2,2.1,230,0,8,64
5261,2021,98,9,6.8,3.1,230,0,8,56
5261,2021,98,10,8.7,4.1,230,0,7,51
5261,2021,98,11,8.8,4.6,230,0,8,55
5261,2021,98,12,11.1,5.1,230,0,4,52
5261,2021,98,13,11.1,5.1,230,0,4,50
5261,2021,98,14,10.9,5.1,230,0,7,56
5261,2021,98,15,10.3,5.1,220,0,7,57
5261,2021,98,16,10.8,5.1,220,0,3,57
5261,2021,98,17,9.8,5.1,220,0,5,60
5261,2021,98,18,8.2,4.1,210,0,7,63
5261,2021,98,19,6.5,3.6,220,0,5,70
5261,2021,98,20,5.3,2.6,230,0,7,76
5261,2021,98,21,5.3,3.1,230,0,8,79
5261,2021,98,22,5.1,2.6,240,0,8,79
5261,2021,98,23,5.1,2.1,240,0,8,79
5261,2021,99,0,4.7,2.1,240,0,8,79
5261,2021,99,1,4.2,2.1,250,0,8,80
5261,2021,99,2,3.6,2.1,250,0,8,88
5261,2021,99,3,3.4,2.6,260,0,8,90
5261,2021,99,4,3.6,2.1,260,0,8,91
5261,2021,99,5,3.3,2.1,250,0,7,93
5261,2021,99,6,2.6,1.5,240,0,7,96
5261,2021,99,7,4.5,1,250,0,5,100
5261,2021,99,8,7.3,2.1,220,0,0,85
5261,2021,99,9,9.3,3.1,240,0,0,71
5261,2021,99,10,11,3.6,240,0,1,63
5261,2021,99,11,11.2,3.6,240,0,6,51
5261,2021,99,12,12,3.6,240,0,7,47
5261,2021,99,13,13,3.6,240,0,4,49
5261,2021,99,14,11.6,2.1,260,0,8,50
5261,2021,99,15,11.9,2.6,240,0,8,53
5261,2021,99,16,10.4,3.6,230,0,7,59
5261,2021,99,17,10.4,3.6,250,0,8,61
5261,2021,99,18,10.2,6,250,0,8,61
5261,2021,99,19,9.3,2.6,290,0,8,74
5261,2021,99,20,7.6,1,300,1.4,8,93
5261,2021,99,21,7,1,310,0,8,94
5261,2021,99,22,6.5,0.5,330,0,8,97
5261,2021,99,23,5.9,1,340,0,8,95
5261,2021,100,0,4.7,1,340,0,8,95
5261,2021,100,1,3.9,1,350,0,8,95
5261,2021,100,2,4.2,1,40,0,8,98
5261,2021,100,3,5,2.6,50,0,8,95
5261,2021,100,4,5.2,3.1,60,0,8,92
5261,2021,100,5,4.6,2.6,50,0,8,92
5261,2021,100,6,4.7,2.6,50,0,8,92
5261,2021,100,7,5.5,2.1,50,0,8,90
5261,2021,100,8,5.8,3.1,50,0,8,89
5261,2021,100,9,6.2,4.1,50,0,8,85
5261,2021,100,10,6.4,4.6,60,0,8,83
5261,2021,100,11,6.4,6,50,0,8,89
5261,2021,100,12,6.5,1,40,0,8,85
5261,2021,100,13,6.1,5.7,50,0,8,83
5261,2021,100,14,6.2,5.7,50,0,7,79
5261,2021,100,15,6.5,5.7,50,0,8,78
5261,2021,100,16,6.3,5.7,50,0,8,74
5261,2021,100,17,5.8,5.1,50,0,8,77
5261,2021,100,18,5.2,5.7,50,0,8,78
5261,2021,100,19,4.6,4.6,60,0,8,80
5261,2021,100,20,4.6,3.6,40,0,8,72
5261,2021,100,21,4.5,3.6,40,0,8,72
5261,2021,100,22,4.3,6,40,0,7,68

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,100,23,3.7,3.1,20,0,6,71
5261,2021,101,0,3.8,3.6,30,0,8,70
5261,2021,101,1,3.2,4.1,30,0,8,72
5261,2021,101,2,2.1,3.1,20,0,3,74
5261,2021,101,3,1.1,2.6,20,0,0,79
5261,2021,101,4,0.6,2.1,20,0,0,77
5261,2021,101,5,-0.2,1.5,350,0,0,84
5261,2021,101,6,0.5,1.5,330,0,7,83
5261,2021,101,7,1.4,2.1,330,0,8,83
5261,2021,101,8,3.2,2.6,360,0,7,77
5261,2021,101,9,4.5,3.1,10,0,7,71
5261,2021,101,10,5.9,3.6,10,-999,8,55
5261,2021,101,11,7.2,3.6,360,-999,5,46
5261,2021,101,12,8.4,4.1,10,-999,3,42
5261,2021,101,13,8.9,3.6,360,-999,3,40
5261,2021,101,14,7.5,3.1,350,-999,7,40
5261,2021,101,15,8.2,3.1,330,-999,5,39
5261,2021,101,16,6.5,3.1,320,-999,8,54
5261,2021,101,17,7.3,2.6,340,-999,6,49
5261,2021,101,18,7.2,1,300,-999,4,48
5261,2021,101,19,2.8,2.6,320,-999,8,84
5261,2021,101,20,0.8,1,250,-999,0,94
5261,2021,101,21,0,1,280,-999,3,96
5261,2021,101,22,-0.7,1,260,-999,4,95
5261,2021,101,23,-1.5,1,230,-999,1,96
5261,2021,102,0,-2.2,0.5,30,-999,0,96
5261,2021,102,1,-2.2,1.5,260,-999,0,96
5261,2021,102,2,-3.2,0.5,220,-999,0,92
5261,2021,102,3,-3.3,0.5,200,-999,0,95
5261,2021,102,4,-3.4,0.5,210,-999,4,94
5261,2021,102,5,-3,1,190,-999,7,95
5261,2021,102,6,-0.5,1.5,230,-999,8,100
5261,2021,102,7,0,1,220,-999,8,100
5261,2021,102,8,0.4,0.5,110,-999,8,100
5261,2021,102,9,0.7,0.5,100,-999,8,100
5261,2021,102,10,1.7,1,90,-999,8,100
5261,2021,102,11,3.7,1,120,-999,8,90
5261,2021,102,12,5.3,1.5,290,-999,7,81
5261,2021,102,13,6.9,2.1,350,-999,1,62
5261,2021,102,14,8.4,2.1,10,-999,6,60
5261,2021,102,15,7.9,2.6,360,-999,7,45
5261,2021,102,16,8.1,2.1,340,-999,8,44
5261,2021,102,17,7.7,1.5,320,-999,8,44
5261,2021,102,18,7.9,1.5,310,-999,4,34
5261,2021,102,19,3.8,1,290,-999,0,60
5261,2021,102,20,1.1,1,290,-999,0,72
5261,2021,102,21,-0.1,1,270,-999,0,78
5261,2021,102,22,-1.3,1,270,-999,0,86
5261,2021,102,23,-2.2,0.5,260,-999,0,89
5261,2021,103,0,-2.5,0.5,330,-999,0,89
5261,2021,103,1,-3.2,0.5,310,-999,0,90
5261,2021,103,2,-3.8,0.5,290,-999,0,89
5261,2021,103,3,-4.2,0.5,260,-999,2,91
5261,2021,103,4,-4.4,0,0,-999,1,91
5261,2021,103,5,-4.8,0.5,310,-999,0,90
5261,2021,103,6,-4.3,0.5,270,-999,1,94
5261,2021,103,7,-0.8,0,0,-999,0,99
5261,2021,103,8,4.7,0.5,110,-999,1,74
5261,2021,103,9,9.2,1,170,-999,2,49
5261,2021,103,10,9.9,2.6,230,0,6,54
5261,2021,103,11,10.7,2.6,210,0,7,41
5261,2021,103,12,11.8,2.1,230,0,5,42
5261,2021,103,13,10.3,3.1,240,0,8,57
5261,2021,103,14,8.3,4.1,230,0,7,55
5261,2021,103,15,8.9,4.1,230,0,8,60
5261,2021,103,16,8.9,3.6,240,0,8,57
5261,2021,103,17,8.9,3.1,260,0,8,62

5261,2021,103,18,8.1,2.6,250,0,7,66
 5261,2021,103,19,7,2.1,250,0,3,71
 5261,2021,103,20,4.3,1.5,260,0,0,75
 5261,2021,103,21,1.9,1,240,0,0,89
 5261,2021,103,22,0.5,1,270,0,0,92
 5261,2021,103,23,-0.1,0,0,0,6,96
 5261,2021,104,0,-0.3,0.5,290,0,2,96
 5261,2021,104,1,-1.1,0.5,30,0,1,95
 5261,2021,104,2,-0.7,0.5,280,0,7,97
 5261,2021,104,3,-0.5,0.5,280,0,8,98
 5261,2021,104,4,-0.5,0.5,150,0,7,98
 5261,2021,104,5,-0.8,0.5,310,0,7,97
 5261,2021,104,6,-0.1,0.5,70,0,8,100
 5261,2021,104,7,3.2,0.5,300,0,8,100
 5261,2021,104,8,7.1,1,90,0,1,72
 5261,2021,104,9,9.8,1.5,80,0,0,46
 5261,2021,104,10,10.8,2.1,80,0,0,43
 5261,2021,104,11,10.7,2.6,50,0,5,44
 5261,2021,104,12,11.4,3.1,40,0,6,43
 5261,2021,104,13,11.3,6.30,0,8,43
 5261,2021,104,14,10.8,4.1,40,0,8,44
 5261,2021,104,15,10.5,3.6,50,0,8,41
 5261,2021,104,16,9.6,3.6,60,0,8,47
 5261,2021,104,17,8.7,3.6,50,0,7,49
 5261,2021,104,18,8.1,3.1,60,0,8,51
 5261,2021,104,19,6.9,1.5,50,0,8,59
 5261,2021,104,20,4.7,2.6,80,0,5,68
 5261,2021,104,21,4.6,2.6,80,0,7,69
 5261,2021,104,22,3.3,2.1,60,0,3,70
 5261,2021,104,23,0.9,1,20,0,3,82
 5261,2021,105,0,-0.2,1,350,0,0,83
 5261,2021,105,1,0,0.5,10,0,7,92
 5261,2021,105,2,0.2,1.5,360,0,1,90
 5261,2021,105,3,-0.8,1,10,0,0,93
 5261,2021,105,4,-1.5,0.5,250,0,0,94
 5261,2021,105,5,-2.4,1,10,0,0,91
 5261,2021,105,6,-1.5,1,30,0,0,96
 5261,2021,105,7,3.5,2.1,20,0,0,84
 5261,2021,105,8,5.7,4.1,40,0,0,72
 5261,2021,105,9,7.2,4.6,50,0,1,66
 5261,2021,105,10,8.8,4.1,40,0,6,56
 5261,2021,105,11,8.2,4.6,40,0,6,52
 5261,2021,105,12,9.1,4.6,40,0,7,51
 5261,2021,105,13,-999,-999,-999,-999,-999
 5261,2021,105,14,-999,-999,-999,-999,-999
 5261,2021,105,15,-999,-999,-999,-999,-999
 5261,2021,105,16,7.1,5.1,70,0,0,68
 5261,2021,105,17,6.9,3.6,50,0,0,65
 5261,2021,105,18,7.1,3.1,50,0,0,68
 5261,2021,105,19,4.9,2.6,50,0,0,71
 5261,2021,105,20,3.1,5,20,0,0,80
 5261,2021,105,21,3.4,1.5,60,0,0,83
 5261,2021,105,22,2.3,2.1,50,0,0,82
 5261,2021,105,23,0.3,1.5,40,0,0,88
 5261,2021,106,0,-0.7,0.5,50,0,0,93
 5261,2021,106,1,-1,1,70,0,0,95
 5261,2021,106,2,-1.7,0.5,50,0,0,94
 5261,2021,106,3,-1.9,1,260,0,0,96
 5261,2021,106,4,-1.6,1,300,0,0,96
 5261,2021,106,5,-1,1,340,0,0,99
 5261,2021,106,6,0.8,1.5,310,0,0,100
 5261,2021,106,7,2.5,2.1,60,0,0,100
 5261,2021,106,8,4.9,2.1,50,0,0,97
 5261,2021,106,9,7.5,2.6,50,0,0,70
 5261,2021,106,10,-999,3.1,50,0,1,-999
 5261,2021,106,11,8.6,3.1,40,0,6,50
 5261,2021,106,12,8.7,3.1,40,0,7,47

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,106,13,10.5,2.6,40,0,3,43
5261,2021,106,14,11.1,3.6,50,0,5,41
5261,2021,106,15,10.2,3.6,60,0,5,39
5261,2021,106,16,11.4,3.1,60,0,4,41
5261,2021,106,17,9.6,3.6,80,0,1,46
5261,2021,106,18,8.9,4.1,70,0,0,47
5261,2021,106,19,6.4,3.6,80,0,0,48
5261,2021,106,20,3.6,2.1,70,0,0,58
5261,2021,106,21,1.7,0.5,50,0,0,72
5261,2021,106,22,0.3,1,30,0,0,78
5261,2021,106,23,-0.4,1,360,0,0,83
5261,2021,107,0,-1.2,1,350,0,0,86
5261,2021,107,1,-0.7,1,10,0,0,89
5261,2021,107,2,-1.6,0.5,310,0,0,92
5261,2021,107,3,-2,0.5,310,0,0,92
5261,2021,107,4,-2.3,1,320,0,0,93
5261,2021,107,5,-2.6,0.5,320,0,0,93
5261,2021,107,6,-2,0.5,330,0,0,96
5261,2021,107,7,3.3,0.5,20,0,0,93
5261,2021,107,8,7,1.5,50,0,0,65
5261,2021,107,9,8.7,3.6,40,0,0,40
5261,2021,107,10,9.8,4.6,40,0,0,41
5261,2021,107,11,10.3,4.6,40,0,0,43
5261,2021,107,12,11.6,4.1,60,0,0,40
5261,2021,107,13,11.8,4.1,60,0,0,38
5261,2021,107,14,12.3,6.50,0,0,38
5261,2021,107,15,12.4,3.6,70,0,0,40
5261,2021,107,16,12.6,3.1,90,0,0,37
5261,2021,107,17,12.3,2.1,90,0,3,40
5261,2021,107,18,10.3,3.1,100,0,4,45
5261,2021,107,19,7.9,3.6,100,0,4,61
5261,2021,107,20,6.2,1.5,220,0,7,70
5261,2021,107,21,3.8,1,200,0,2,81
5261,2021,107,22,2,0.5,250,0,7,87
5261,2021,107,23,1.9,0.5,30,0,8,91
5261,2021,108,0,1.2,0.5,20,0,8,90
5261,2021,108,1,-0.1,0.5,280,0,8,92
5261,2021,108,2,-0.8,0.5,270,0,4,93
5261,2021,108,3,-1.5,0.5,290,0,3,94
5261,2021,108,4,-2.2,0.5,280,0,0,91
5261,2021,108,5,-2.5,0.5,280,0,0,96
5261,2021,108,6,-1.9,0,0,6,96
5261,2021,108,7,2.5,0.5,160,0,0,94
5261,2021,108,8,7.8,0.5,110,0,0,66
5261,2021,108,9,10.6,1.5,90,0,7,46
5261,2021,108,10,10.8,1.5,60,0,1,49
5261,2021,108,11,11.8,1.5,120,0,1,45
5261,2021,108,12,12.5,2.1,50,0,0,34
5261,2021,108,13,13.7,2.1,60,0,0,37
5261,2021,108,14,13.9,2.1,50,0,7,33
5261,2021,108,15,14.1,2.1,70,0,6,26
5261,2021,108,16,14.8,1.5,30,0,7,26
5261,2021,108,17,13.2,6.50,0,3,34
5261,2021,108,18,12.8,2.1,110,0,4,47
5261,2021,108,19,9.6,3.1,210,0,1,64
5261,2021,108,20,6.7,2.6,180,0,0,75
5261,2021,108,21,5.7,1.5,220,0,0,81
5261,2021,108,22,5.2,1,230,0,0,85
5261,2021,108,23,3,1,220,0,0,89
5261,2021,109,0,1.9,0.5,10,0,0,96
5261,2021,109,1,1,0.5,290,0,0,98
5261,2021,109,2,0.3,0.5,300,0,0,98
5261,2021,109,3,-0.1,0.5,320,0,0,98
5261,2021,109,4,-0.7,0.5,310,0,0,97
5261,2021,109,5,-1,0.5,270,0,0,97
5261,2021,109,6,-0.5,0,0,0,100
5261,2021,109,7,3.3,0.5,180,0,0,100

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,109,8,7.6,1,60,0,0,81
5261,2021,109,9,10.5,-999,-999,-999,0,68
5261,2021,109,10,12.4,1.5,90,0,0,55
5261,2021,109,11,13.9,1.5,100,0,0,43
5261,2021,109,12,14.6,2.1,90,0,0,42
5261,2021,109,13,16.2,1.5,160,0,0,48
5261,2021,109,14,16.2,1,90,0,0,38
5261,2021,109,15,16.4,2.1,90,0,0,38
5261,2021,109,16,15.6,3.1,170,0,0,56
5261,2021,109,17,14.6,3.1,210,0,0,60
5261,2021,109,18,12.4,3.1,220,0,0,60
5261,2021,109,19,9.9,2.6,200,0,0,66
5261,2021,109,20,7.9,1.5,210,0,0,73
5261,2021,109,21,5.5,0.5,250,0,0,84
5261,2021,109,22,4,0.5,280,0,0,90
5261,2021,109,23,3.1,0.5,270,0,0,93
5261,2021,110,0,2.4,0,0,0,0,96
5261,2021,110,1,1.6,0.5,280,0,0,96
5261,2021,110,2,1,0.5,350,0,0,98
5261,2021,110,3,0.7,0.5,340,0,0,98
5261,2021,110,4,0.4,0.5,280,0,0,98
5261,2021,110,5,-0.1,0,0,0,3,98
5261,2021,110,6,0.2,0.5,270,0,7,100
5261,2021,110,7,4.6,0,0,0,1,100
5261,2021,110,8,9.5,0.5,80,0,0,84
5261,2021,110,9,12.5,1,80,0,0,58
5261,2021,110,10,14.2,2.1,80,0,0,57
5261,2021,110,11,15.5,2.6,60,0,1,55
5261,2021,110,12,16.2,1.70,0,0,47
5261,2021,110,13,15.1,2.1,40,0,1,47
5261,2021,110,14,16.7,2.1,60,0,3,47
5261,2021,110,15,16.1,3.6,40,0,7,48
5261,2021,110,16,16.8,2.6,80,0,4,45
5261,2021,110,17,14.9,2.1,140,0,6,56
5261,2021,110,18,13.8,2.1,210,0,8,60
5261,2021,110,19,12.2,1,230,0,7,63
5261,2021,110,20,8.7,1,260,0,0,74
5261,2021,110,21,6.7,0.5,330,0,0,86
5261,2021,110,22,5.4,0.5,340,0,0,90
5261,2021,110,23,4.5,0.5,340,0,0,93
5261,2021,111,0,3.6,0,0,0,0,95
5261,2021,111,1,3.2,0,0,0,7,96
5261,2021,111,2,3.1,0,0,0,8,97
5261,2021,111,3,2.9,0,0,0,8,98
5261,2021,111,4,2.5,0.5,360,0,8,98
5261,2021,111,5,2.2,0,0,0,8,98
5261,2021,111,6,2.4,0,0,0,1,100
5261,2021,111,7,6.2,0,0,0,0,100
5261,2021,111,8,9.8,1.5,60,0,0,87
5261,2021,111,9,13.3,3.1,60,0,1,70
5261,2021,111,10,12.6,5.7,40,0,3,65
5261,2021,111,11,13.1,6.2,60,0,5,62
5261,2021,111,12,12.3,5.7,60,0,5,68
5261,2021,111,13,11.6,6.2,60,0,7,70
5261,2021,111,14,12.6,2.60,0,6,63
5261,2021,111,15,13.7,2.70,0,0,51
5261,2021,111,16,12.9,6.7,70,0,0,52
5261,2021,111,17,12.5,6.2,60,0,0,54
5261,2021,111,18,10.6,5.7,70,0,0,56
5261,2021,111,19,8.1,5.7,70,0,0,64
5261,2021,111,20,6.1,4.6,60,0,0,70
5261,2021,111,21,5.5,4.1,60,0,0,75
5261,2021,111,22,4.3,2.6,50,0,0,82
5261,2021,111,23,4.2,3.6,50,0,0,78
5261,2021,112,0,3.2,3.1,40,0,0,81
5261,2021,112,1,2.8,3.1,30,0,0,82
5261,2021,112,2,1.9,2.6,20,0,0,85

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,112,3,0.5,1.5,20,0,0,90
5261,2021,112,4,0.2,1.5,10,0,0,94
5261,2021,112,5,0.6,2.1,10,0,0,94
5261,2021,112,6,1.8,2.1,20,0,0,94
5261,2021,112,7,4.9,2.1,40,0,0,84
5261,2021,112,8,7.4,4.1,70,0,0,72
5261,2021,112,9,9.3,5.7,70,0,0,62
5261,2021,112,10,10.5,5.1,80,0,0,54
5261,2021,112,11,12.1,5.1,80,0,0,49
5261,2021,112,12,12.7,5.1,70,0,0,43
5261,2021,112,13,13.1,5.7,80,0,0,46
5261,2021,112,14,13.2,5.7,70,0,0,40
5261,2021,112,15,13.6,2.70,0,0,34
5261,2021,112,16,12.5,5.1,80,0,0,38
5261,2021,112,17,11.7,5.1,80,0,0,37
5261,2021,112,18,10.4,5.1,80,0,0,34
5261,2021,112,19,8.4,5.1,70,0,0,38
5261,2021,112,20,6.3,4.1,60,0,0,54
5261,2021,112,21,5.1,3.1,60,0,0,73
5261,2021,112,22,4.4,1.70,0,0,83
5261,2021,112,23,2.8,3.1,70,0,0,89
5261,2021,113,0,1.8,2.1,60,0,0,92
5261,2021,113,1,1.5,2.1,60,0,0,96
5261,2021,113,2,0,1,50,0,0,96
5261,2021,113,3,-1,1,30,0,0,95
5261,2021,113,4,-0.9,0.5,10,0,0,99
5261,2021,113,5,-0.3,1.5,30,0,0,100
5261,2021,113,6,2.3,1.5,30,0,7,100
5261,2021,113,7,5.2,2.6,70,0,7,100
5261,2021,113,8,8.6,3.6,70,0,1,76
5261,2021,113,9,10.9,4.1,90,0,0,59
5261,2021,113,10,13.4,1.100,0,0,42
5261,2021,113,11,14.2,5.1,110,0,0,38
5261,2021,113,12,15.1,4.6,120,0,0,38
5261,2021,113,13,16.6,4.6,110,0,0,33
5261,2021,113,14,16.2,4.6,100,0,0,33
5261,2021,113,15,16.5,5.1,100,0,0,25
5261,2021,113,16,15.7,5.1,80,0,0,25
5261,2021,113,17,15.2,5.1,80,0,0,26
5261,2021,113,18,13.3,5.1,70,0,0,30
5261,2021,113,19,11.1,4.6,70,0,0,39
5261,2021,113,20,8.8,4.6,70,0,0,58
5261,2021,113,21,6.9,4.1,60,0,0,69
5261,2021,113,22,4.3,2.1,70,0,0,78
5261,2021,113,23,4.6,2.6,60,0,0,79
5261,2021,114,0,4.2,3.1,60,0,0,82
5261,2021,114,1,3.9,2.6,60,0,0,83
5261,2021,114,2,3.3,2.1,40,0,0,86
5261,2021,114,3,2.4,2.1,40,0,0,89
5261,2021,114,4,1.9,2.1,60,0,0,92
5261,2021,114,5,2.2,1.40,0,0,92
5261,2021,114,6,4.4,2.6,40,0,0,90
5261,2021,114,7,7.6,2.6,50,0,0,83
5261,2021,114,8,10.1,2.6,60,0,0,70
5261,2021,114,9,12.7,3.6,70,0,0,59
5261,2021,114,10,13.9,5.7,80,0,0,49
5261,2021,114,11,14.4,6.7,70,0,0,44
5261,2021,114,12,15.1,7.2,80,0,0,44
5261,2021,114,13,15.3,7.2,80,0,0,41
5261,2021,114,14,15.7,7.2,80,0,0,42
5261,2021,114,15,15.3,6.7,70,0,0,39
5261,2021,114,16,14.1,6.2,60,0,0,38
5261,2021,114,17,13.2,6.7,60,0,0,38
5261,2021,114,18,11.6,6.7,70,0,0,37
5261,2021,114,19,9.7,5.7,70,0,1,44
5261,2021,114,20,7.8,5.7,60,0,1,61
5261,2021,114,21,6.4,4.6,60,0,0,76

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,114,22,5.5,3.6,50,0,0,80
5261,2021,114,23,5.3,4.1,50,0,0,87
5261,2021,115,0,4,7,3,1,50,0,0,92
5261,2021,115,1,4,2,6,50,0,0,93
5261,2021,115,2,3,5,2,1,40,0,0,90
5261,2021,115,3,3,8,2,6,50,0,0,90
5261,2021,115,4,3,7,3,1,40,0,0,90
5261,2021,115,5,3,7,3,1,50,0,2,93
5261,2021,115,6,5,2,3,6,60,0,3,90
5261,2021,115,7,6,5,3,6,60,0,6,80
5261,2021,115,8,7,7,7,2,70,0,6,67
5261,2021,115,9,8,3,6,7,70,0,7,64
5261,2021,115,10,9,7,7,2,70,0,6,62
5261,2021,115,11,10,2,7,7,60,0,1,57
5261,2021,115,12,11,2,8,2,70,0,1,52
5261,2021,115,13,11,9,7,2,60,0,0,52
5261,2021,115,14,12,7,7,70,0,0,50
5261,2021,115,15,12,2,7,2,60,0,1,52
5261,2021,115,16,11,6,7,2,60,0,1,54
5261,2021,115,17,11,1,7,2,60,0,0,58
5261,2021,115,18,9,3,6,7,50,0,2,64
5261,2021,115,19,7,6,6,2,60,0,0,72
5261,2021,115,20,6,1,6,2,60,0,2,77
5261,2021,115,21,4,8,5,7,60,0,0,77
5261,2021,115,22,4,2,5,1,60,0,0,77
5261,2021,115,23,4,6,5,7,50,0,6,72
5261,2021,116,0,4,8,5,7,50,0,8,73
5261,2021,116,1,4,1,5,1,50,0,7,73
5261,2021,116,2,3,3,4,6,40,0,1,76
5261,2021,116,3,3,1,3,1,40,0,4,77
5261,2021,116,4,3,9,3,1,30,0,8,73
5261,2021,116,5,4,1,3,6,30,0,8,73
5261,2021,116,6,4,7,4,1,40,0,8,72
5261,2021,116,7,5,5,4,6,50,0,8,70
5261,2021,116,8,6,4,6,50,0,8,68
5261,2021,116,9,7,2,5,1,60,0,8,67
5261,2021,116,10,8,5,5,7,50,0,7,63
5261,2021,116,11,9,8,6,2,50,0,2,60
5261,2021,116,12,10,5,5,7,60,0,0,56
5261,2021,116,13,10,9,5,7,50,0,0,54
5261,2021,116,14,11,5,5,7,60,0,0,46
5261,2021,116,15,11,6,5,7,50,0,0,48
5261,2021,116,16,11,3,5,7,60,0,1,49
5261,2021,116,17,10,4,5,1,50,0,0,54
5261,2021,116,18,9,4,4,6,60,0,0,58
5261,2021,116,19,6,7,3,6,90,0,0,69
5261,2021,116,20,5,4,3,6,60,0,0,73
5261,2021,116,21,4,4,3,6,60,0,0,80
5261,2021,116,22,2,9,2,6,50,0,0,84
5261,2021,116,23,2,2,1,30,0,0,87
5261,2021,117,0,1,4,1,5,20,0,0,94
5261,2021,117,1,0,5,1,5,20,0,0,94
5261,2021,117,2,-0,3,1,360,0,0,96
5261,2021,117,3,-0,9,1,330,0,0,97
5261,2021,117,4,-1,8,0,5,280,0,0,96
5261,2021,117,5,-2,1,0,5,350,0,0,96
5261,2021,117,6,-0,5,0,5,190,0,0,100
5261,2021,117,7,4,6,0,5,120,0,1,98
5261,2021,117,8,7,6,1,70,0,0,80
5261,2021,117,9,10,6,1,80,0,7,54
5261,2021,117,10,13,1,100,0,1,41
5261,2021,117,11,14,8,1,5,170,0,0,36
5261,2021,117,12,15,1,1,5,190,0,6,36
5261,2021,117,13,16,1,2,1,210,0,3,29
5261,2021,117,14,16,5,2,1,200,0,1,24
5261,2021,117,15,17,1,2,1,190,0,1,25
5261,2021,117,16,16,2,3,1,200,0,5,31

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,117,17,13.9,3.1,220,0,7,42
5261,2021,117,18,12.3,3.1,200,0,2,44
5261,2021,117,19,9.7,2.6,200,0,1,46
5261,2021,117,20,7.2,1.5,190,0,2,55
5261,2021,117,21,5.3,1,180,0,4,66
5261,2021,117,22,5.9,1,140,0,7,74
5261,2021,117,23,6.5,1,130,0,8,76
5261,2021,118,0,5.8,0.5,70,0,8,78
5261,2021,118,1,4.4,1.5,30,0,4,76
5261,2021,118,2,4.1,1,30,0,7,77
5261,2021,118,3,3.3,1,320,0,8,83
5261,2021,118,4,4.7,1.5,360,0,8,82
5261,2021,118,5,4.2,2.1,20,0,3,85
5261,2021,118,6,5.7,1.5,10,0,7,83
5261,2021,118,7,6.9,2.1,10,0,7,82
5261,2021,118,8,8.7,3.6,30,0,8,77
5261,2021,118,9,9.1,3.6,50,0,8,73
5261,2021,118,10,9.2,3.1,60,0,8,77
5261,2021,118,11,10.3,4.1,60,0,8,71
5261,2021,118,12,9.4,3.1,70,0,4,8,83
5261,2021,118,13,8.6,2.6,130,1.6,8,82
5261,2021,118,14,9.3,3.6,60,0.2,7,68
5261,2021,118,15,9.5,4.1,60,0,7,60
5261,2021,118,16,9.5,1,50,0,8,56
5261,2021,118,17,9.2,4.6,30,0,8,60
5261,2021,118,18,8.4,3.6,10,0,8,63
5261,2021,118,19,7.4,2.1,360,0,8,69
5261,2021,118,20,6.7,2.6,10,1.6,8,81
5261,2021,118,21,7.5,3.1,20,0.2,8,69
5261,2021,118,22,6.5,2.1,350,0,7,81
5261,2021,118,23,6.4,3.1,350,0,8,73
5261,2021,119,0,6,3.6,10,0,8,74
5261,2021,119,1,5.5,3.1,10,0,8,74
5261,2021,119,2,5.1,3.1,10,0,8,76
5261,2021,119,3,4.9,2.6,360,0,8,74
5261,2021,119,4,4.9,1.5,340,0,8,74
5261,2021,119,5,4.9,2.1,340,0,8,79
5261,2021,119,6,4.8,2.1,340,0,8,76
5261,2021,119,7,6.1,2.6,360,0,6,71
5261,2021,119,8,7.1,3.1,10,0,1,67
5261,2021,119,9,8.4,3.6,20,0,2,65
5261,2021,119,10,9.9,3.6,10,0,3,53
5261,2021,119,11,10.3,2.6,340,0,3,50
5261,2021,119,12,9.7,3.1,340,0,7,50
5261,2021,119,13,9.3,2.6,330,0,7,48
5261,2021,119,14,9.8,2.1,360,0,8,51
5261,2021,119,15,10.5,2.1,320,0,8,43
5261,2021,119,16,10.5,2.1,340,0,8,43
5261,2021,119,17,10.2,1,300,0,8,43
5261,2021,119,18,10,1.5,270,0,8,40
5261,2021,119,19,8.7,1.5,350,0,8,52
5261,2021,119,20,5.5,0.5,330,0,8,72
5261,2021,119,21,3.3,1,280,0,5,83
5261,2021,119,22,2.4,0.5,320,0,6,87
5261,2021,119,23,1.4,0.5,350,0,1,90
5261,2021,120,0,0.3,0.5,240,0,0,92
5261,2021,120,1,-0.3,0.5,260,0,0,94
5261,2021,120,2,-0.5,0.5,270,0,7,95
5261,2021,120,3,0.5,280,0,8,98
5261,2021,120,4,0.4,1,360,0,7,98
5261,2021,120,5,-0.4,0.5,10,0,5,95
5261,2021,120,6,2.1,1,360,0,8,100
5261,2021,120,7,6,1.5,40,0,2,83
5261,2021,120,8,8.2,2.6,50,0,6,67
5261,2021,120,9,8.9,3.1,40,0,3,52
5261,2021,120,10,10.4,3.1,50,0,1,49
5261,2021,120,11,10.1,2.1,30,0,7,46

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,120,12,10.4,2.6,350,0,7,48
5261,2021,120,13,11.7,1.5,330,0,8,43
5261,2021,120,14,12.5,2.1,260,0,8,45
5261,2021,120,15,9.6,2.6,280,0,8,56
5261,2021,120,16,9.7,4.1,180,0,8,61
5261,2021,120,17,8.8,2.1,200,0,8,65
5261,2021,120,18,8.6,1,280,0,8,62
5261,2021,120,19,7.9,1,260,0,8,68
5261,2021,120,20,6.7,1.5,260,0,8,72
5261,2021,120,21,3.6,0.5,320,0,3,85
5261,2021,120,22,1.7,0.5,290,0,0,90
5261,2021,120,23,0.9,1,260,0,0,96
5261,2021,121,0,0.6,1,260,0,2,96
5261,2021,121,1,-0.3,0.5,220,0,2,96
5261,2021,121,2,-0.5,0.5,270,0,1,95
5261,2021,121,3,-1.0,0.5,270,0,0,97
5261,2021,121,4,-1.8,0.5,340,0,0,96
5261,2021,121,5,-1.7,0,0,0,96
5261,2021,121,6,-0.3,0.5,330,0,0,100
5261,2021,121,7,5.3,1,30,0,2,100
5261,2021,121,8,7.2,1.5,50,0,3,81
5261,2021,121,9,10.1,2.6,50,0,3,68
5261,2021,121,10,11.3,1.4,0,0,2,54
5261,2021,121,11,11.3,2.6,30,0,4,48
5261,2021,121,12,12.2,6.2,0,0,7,47
5261,2021,121,13,11.8,2.6,30,0,8,41
5261,2021,121,14,11.2,2.1,350,0,8,43
5261,2021,121,15,11.1,3.1,10,0,8,46
5261,2021,121,16,11.2,1.5,340,0,8,43
5261,2021,121,17,9.8,2.1,310,0,7,49
5261,2021,121,18,9.5,1.5,290,0,8,58
5261,2021,121,19,6.7,2.6,30,1.2,8,85
5261,2021,121,20,5.8,2.1,30,0,8,89
5261,2021,121,21,5.3,1.5,90,0.2,8,92
5261,2021,121,22,4.4,1,80,0,6,95
5261,2021,121,23,3.1,1,290,0,5,97
5261,2021,122,0,1.8,0.5,230,0,0,96
5261,2021,122,1,0.8,0.5,250,0,1,98
5261,2021,122,2,0.2,0.5,310,0,0,98
5261,2021,122,3,0.5,0.5,280,0,7,100
5261,2021,122,4,1,0.5,280,0,8,100
5261,2021,122,5,1.8,0.5,260,0,8,100
5261,2021,122,6,2.3,0.5,300,0.2,7,100
5261,2021,122,7,4.3,0.5,110,0.2,8,100
5261,2021,122,8,7.3,0.5,70,0,7,97
5261,2021,122,9,9.2,1,100,0,8,76
5261,2021,122,10,9.6,1,80,0,8,66
5261,2021,122,11,10.7,1.5,210,0,7,56
5261,2021,122,12,10.9,2.1,270,0,8,52
5261,2021,122,13,12.1,3.1,230,0,7,60
5261,2021,122,14,10.3,4.1,220,0,8,54
5261,2021,122,15,10.3,5.1,220,0,8,65
5261,2021,122,16,8.4,4.1,210,0,8,71
5261,2021,122,17,9.9,3.1,210,0,8,65
5261,2021,122,18,9.9,3.1,210,0,2,66
5261,2021,122,19,8.6,3.1,220,0,2,71
5261,2021,122,20,7.2,2.1,210,0,5,84
5261,2021,122,21,6.2,1,230,0,6,83
5261,2021,122,22,5.3,2.1,230,0,5,87
5261,2021,122,23,4.8,2.1,240,0,2,87
5261,2021,123,0,4.4,2.6,240,0,5,88
5261,2021,123,1,3.4,2.1,250,0,4,91
5261,2021,123,2,2.3,1,240,0,3,95
5261,2021,123,3,2.1,1,220,0,4,98
5261,2021,123,4,3.8,2.1,230,0,7,93
5261,2021,123,5,4.4,2.1,230,0,8,92
5261,2021,123,6,5.1,1.5,230,0,1,92

5261,2021,123,7,7.7,2.1,230,0,1,86
 5261,2021,123,8,9.2,3.1,220,0,6,78
 5261,2021,123,9,11,4.6,220,0,7,69
 5261,2021,123,10,11.7,5.7,220,0,4,56
 5261,2021,123,11,11.2,6.2,230,0,8,60
 5261,2021,123,12,11.9,6.7,220,0,8,56
 5261,2021,123,13,12.1,7.2,220,0,7,54
 5261,2021,123,14,11.4,7.7,220,0,8,54
 5261,2021,123,15,10.7,8.2,220,0,8,65
 5261,2021,123,16,10.6,8.2,220,0,8,60
 5261,2021,123,17,10.8,9.3,220,0,8,57
 5261,2021,123,18,10.7,9.3,210,0,8,64
 5261,2021,123,19,8.6,9.3,220,1,8,86
 5261,2021,123,20,8.3,9.8,210,1,2,8,90
 5261,2021,123,21,8.6,9.3,210,2,8,7,96
 5261,2021,123,22,9.1,9.3,220,1,6,8,96
 5261,2021,123,23,9.9,9.3,230,0,8,8,93
 5261,2021,124,0,10,7.2,240,0,8,86
 5261,2021,124,1,9.3,8.2,240,0,7,76
 5261,2021,124,2,8.4,7.2,240,0,8,86
 5261,2021,124,3,8.5,7.2,240,0,8,86
 5261,2021,124,4,8.3,6.7,240,0,8,85
 5261,2021,124,5,8.4,6.7,240,0,8,85
 5261,2021,124,6,8.3,7.7,260,0,8,73
 5261,2021,124,7,8.4,7.2,270,0,7,71
 5261,2021,124,8,9.3,7.2,270,0,7,65
 5261,2021,124,9,10.5,7.7,270,0,7,60
 5261,2021,124,10,11.2,6.7,270,0,7,59
 5261,2021,124,11,10.8,6.7,280,0,8,56
 5261,2021,124,12,12.1,6.7,280,0,6,52
 5261,2021,124,13,12.4,5.7,270,0,7,48
 5261,2021,124,14,14.1,6.7,280,0,7,43
 5261,2021,124,15,14.1,6.7,270,0,4,37
 5261,2021,124,16,12.4,5.7,280,0,5,37
 5261,2021,124,17,11.8,5.7,280,0,7,49
 5261,2021,124,18,11.5,1,260,0,2,48
 5261,2021,124,19,9.3,4.6,260,0,3,60
 5261,2021,124,20,8.6,3.1,290,0,5,55
 5261,2021,124,21,7.5,3.1,270,0,5,62
 5261,2021,124,22,5.5,3.1,260,0,3,75
 5261,2021,124,23,6.3,1,260,0,7,74
 5261,2021,125,0,5.1,3.1,260,0,4,73
 5261,2021,125,1,4.6,3.1,270,0,0,76
 5261,2021,125,2,4.2,3.1,270,0,0,77
 5261,2021,125,3,3.7,3.1,270,0,0,78
 5261,2021,125,4,3.3,3.1,280,0,0,79
 5261,2021,125,5,3.3,2.6,280,0,3,83
 5261,2021,125,6,4.5,2.6,280,0,0,80
 5261,2021,125,7,6.2,2.6,290,0,0,76
 5261,2021,125,8,6.4,2.6,270,0,4,72
 5261,2021,125,9,8.1,2.6,280,0,7,66
 5261,2021,125,10,9.1,2.6,290,0,7,61
 5261,2021,125,11,10.5,3.1,280,0,6,53
 5261,2021,125,12,10.8,3.6,270,0,3,55
 5261,2021,125,13,12.1,4.1,240,0,7,44
 5261,2021,125,14,10.9,4.1,250,0,8,44
 5261,2021,125,15,8.2,4.1,210,1,8,8,82
 5261,2021,125,16,8.2,6.2,230,0,4,66
 5261,2021,125,17,5.1,2.6,270,3,2,8,95
 5261,2021,125,18,5.7,1.5,190,0,2,7,92
 5261,2021,125,19,5.3,1.5,250,0,6,95
 5261,2021,125,20,2.1,5,290,2,6,4,94
 5261,2021,125,21,2.3,1,250,0,7,98
 5261,2021,125,22,2.1,1.5,250,0,6,98
 5261,2021,125,23,1,1,230,0,4,98
 5261,2021,126,0,0,6,0.5,250,0,6,100
 5261,2021,126,1,0,1,260,0,8,98

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,126,2,-0.6,0.5,250,0,8,97
5261,2021,126,3,-0.5,0.5,340,0,7,100
5261,2021,126,4,-0.9,0.5,260,0,7,99
5261,2021,126,5,-1.5,0,0,0,4,99
5261,2021,126,6,-0.2,0,0,0,7,100
5261,2021,126,7,2.4,0.5,340,0,6,100
5261,2021,126,8,5.9,0.5,110,0,7,100
5261,2021,126,9,8.9,0.5,110,0,5,73
5261,2021,126,10,9.5,1.5,270,0,7,62
5261,2021,126,11,11.1,2.1,260,0,7,49
5261,2021,126,12,10.2,1,290,0,7,54
5261,2021,126,13,8.2,6,350,0.2,8,71
5261,2021,126,14,6.8,1.5,320,0.6,8,76
5261,2021,126,15,10.1,2.6,310,0.2,7,58
5261,2021,126,16,7.5,3.6,300,0,7,62
5261,2021,126,17,11.2,1.5,300,0,4,50
5261,2021,126,18,10.4,2.6,270,0,1,48
5261,2021,126,19,9.5,1.5,300,0,0,48
5261,2021,126,20,5.7,1.5,280,0,0,66
5261,2021,126,21,2.9,1.5,280,0,1,81
5261,2021,126,22,2.9,1.5,280,0,3,81
5261,2021,126,23,4.7,1.5,280,0,1,63
5261,2021,127,0,6.1,2.1,310,0,0,58
5261,2021,127,1,5.8,2.6,310,0,0,61
5261,2021,127,2,5.1,2.1,300,0,0,64
5261,2021,127,3,4.7,2.1,290,0,0,68
5261,2021,127,4,4.3,2.1,290,0,0,70
5261,2021,127,5,3.6,2.1,280,0,0,76
5261,2021,127,6,5.8,2.1,290,0,0,69
5261,2021,127,7,7.8,2.1,310,0,0,62
5261,2021,127,8,8.9,2.6,320,0,0,60
5261,2021,127,9,10.4,2.6,320,0,0,49
5261,2021,127,10,11.2,2.6,330,0,0,44
5261,2021,127,11,12.3,2.6,310,0,5,43
5261,2021,127,12,13.2,3.1,270,0,4,38
5261,2021,127,13,12.6,3.6,260,0,6,32
5261,2021,127,14,12.3,6,250,0,7,44
5261,2021,127,15,13.3,4.1,230,0,8,44
5261,2021,127,16,12.1,4.1,230,0,8,47
5261,2021,127,17,12.4,1,210,0,7,45
5261,2021,127,18,10.8,-999,-999,-999,4,47
5261,2021,127,19,9.1,3.1,210,0,1,49
5261,2021,127,20,7.1,2.1,200,0,6,57
5261,2021,127,21,4.5,1,210,0,8,75
5261,2021,127,22,3.5,0.5,230,0,8,88
5261,2021,127,23,4,0,0,0,8,90
5261,2021,128,0,5.3,1,120,0,8,80
5261,2021,128,1,6.7,2.1,140,0,8,78
5261,2021,128,2,7.4,2.6,130,0,8,74
5261,2021,128,3,7.6,3.1,140,0,8,80
5261,2021,128,4,6.9,2.6,140,0.6,8,91
5261,2021,128,5,7.3,2.1,130,1.6,8,97
5261,2021,128,6,8.2,3.1,150,2.8,8,98
5261,2021,128,7,9.4,6,160,1.2,8,99
5261,2021,128,8,10.1,4.6,170,2.4,7,99
5261,2021,128,9,11.4,4.6,190,1.8,7,99
5261,2021,128,10,12.3,6.7,210,0.2,8,94
5261,2021,128,11,12.8,6.7,220,0,8,93
5261,2021,128,12,13.7,6.7,220,0,8,87
5261,2021,128,13,15.7,7,220,0,8,80
5261,2021,128,14,15.5,7.7,230,0,8,76
5261,2021,128,15,15.4,7.7,230,0,8,76
5261,2021,128,16,15.1,6.2,230,0,8,78
5261,2021,128,17,15.2,5.7,230,0,8,78
5261,2021,128,18,15.8,5.7,230,0,7,73
5261,2021,128,19,14.5,5.1,220,0.2,76
5261,2021,128,20,14.1,5.1,220,0.2,75

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,128,21,14.1,5.1,220,0,6,74
5261,2021,128,22,14.4,4.6,220,0,8,70
5261,2021,128,23,14.1,5.7,210,0,0,69
5261,2021,129,0,14,5.1,210,0,0,69
5261,2021,129,1,13.7,5.1,210,0,2,73
5261,2021,129,2,13.8,4.1,210,0,7,74
5261,2021,129,3,12.9,4.6,210,0,4,80
5261,2021,129,4,12,3.6,210,0,1,86
5261,2021,129,5,12.1,3.1,210,0,1,87
5261,2021,129,6,13.4,3.1,200,0,7,85
5261,2021,129,7,14.6,3.6,210,0,4,80
5261,2021,129,8,16.4,1,210,0,2,76
5261,2021,129,9,17.3,4.1,220,0,0,72
5261,2021,129,10,18.2,4.6,210,0,6,68
5261,2021,129,11,16.9,5.1,210,0,7,74
5261,2021,129,12,15.9,5.1,210,0,8,75
5261,2021,129,13,17.2,4.6,210,0,7,76
5261,2021,129,14,16.4,4.6,210,0,8,76
5261,2021,129,15,16.9,4.6,200,0,8,74
5261,2021,129,16,17.5,5.1,210,0,5,72
5261,2021,129,17,16.6,3.6,210,0,3,73
5261,2021,129,18,16.4,2.1,190,0,7,74
5261,2021,129,19,16.3,2.1,200,0,8,72
5261,2021,129,20,14.9,3.1,210,0,8,78
5261,2021,129,21,13.7,2.1,210,0,8,85
5261,2021,129,22,12.9,1,160,0,8,89
5261,2021,129,23,12.6,1,190,0,2,8,93
5261,2021,130,0,11.9,1.5,190,1.2,8,94
5261,2021,130,1,11.1,2.6,220,0.4,8,94
5261,2021,130,2,10.3,2.1,230,0,8,95
5261,2021,130,3,9.2,2.1,210,0,8,97
5261,2021,130,4,9.3,2.1,210,0,8,97
5261,2021,130,5,10.2,3.1,210,0,8,96
5261,2021,130,6,10.8,4.1,220,0,8,91
5261,2021,130,7,11.4,5.1,210,0,8,86
5261,2021,130,8,12.2,5.7,210,0,7,80
5261,2021,130,9,12.5,6.7,210,0,8,79
5261,2021,130,10,13.7,6.7,210,0,8,74
5261,2021,130,11,13.4,7.7,210,0,5,68
5261,2021,130,12,14.2,8.2,210,0,7,66
5261,2021,130,13,15.3,7.7,210,0,6,62
5261,2021,130,14,14.7,7.7,220,0,7,64
5261,2021,130,15,15.1,7.7,220,0,4,58
5261,2021,130,16,14.8,7.2,220,0,0,52
5261,2021,130,17,15.1,6.7,230,0,5,55
5261,2021,130,18,13.8,6.2,230,0,2,60
5261,2021,130,19,12.1,4.6,220,0,0,68
5261,2021,130,20,10.3,3.6,210,0,5,74
5261,2021,130,21,8.5,2.1,200,0,1,86
5261,2021,130,22,6.9,1,180,0,0,94
5261,2021,130,23,6.6,1,190,0,0,97
5261,2021,131,0,5.7,1,210,0,4,97
5261,2021,131,1,5.0,5.240,0,2,98
5261,2021,131,2,4.2,0.5,310,0,1,98
5261,2021,131,3,3.4,0.5,20,0,2,98
5261,2021,131,4,2.9,0.5,320,0,6,98
5261,2021,131,5,4.2,1,10,0,5,100
5261,2021,131,6,6.8,1,30,0,7,100
5261,2021,131,7,8.4,1,30,0,8,100
5261,2021,131,8,11.5,1,160,0,7,91
5261,2021,131,9,14.3,1,180,0,6,71
5261,2021,131,10,15.4,6.190,0,8,62
5261,2021,131,11,15.7,4.6,200,0,6,61
5261,2021,131,12,14.3,4.6,200,0,5,56
5261,2021,131,13,16.2,4.6,200,0,4,56
5261,2021,131,14,15.9,5.1,190,0,2,56
5261,2021,131,15,14.3,5.1,190,0,4,56

5261,2021,131,16,15.3,4.6,200,0,3,56
5261,2021,131,17,13.5,4.1,190,0,7,57
5261,2021,131,18,13.3,5.1,170,0,8,59
5261,2021,131,19,11.7,5.7,200,0,7,71
5261,2021,131,20,10.8,5.1,210,0,8,80
5261,2021,131,21,10.7,4.6,210,0,8,80
5261,2021,131,22,10.5,5.1,220,0,8,82
5261,2021,131,23,10.2,4.1,220,0,8,83
5261,2021,132,0,10.1,4.1,220,0,8,86
5261,2021,132,1,9.7,4.6,220,0,7,82
5261,2021,132,2,9.5,3.6,220,0,8,87
5261,2021,132,3,8.8,3.1,220,0,6,88
5261,2021,132,4,8.1,2.6,220,0,2,92
5261,2021,132,5,7.6,1.5,210,0,3,94
5261,2021,132,6,9.5,2.6,210,0,1,88
5261,2021,132,7,10.4,3.1,210,0,6,82
5261,2021,132,8,11.3,3.6,220,0,2,72
5261,2021,132,9,12.6,4.1,210,0,5,61
5261,2021,132,10,12.4,4.1,210,0,7,61
5261,2021,132,11,15.1,4.1,210,0,4,57
5261,2021,132,12,15.3,4.1,200,0,6,58
5261,2021,132,13,16.3,4.1,190,0,3,59
5261,2021,132,14,15.9,-999,-999,-999,3,54
5261,2021,132,15,15.4,3.6,180,0,6,49
5261,2021,132,16,15.3,3.6,200,0,0,48
5261,2021,132,17,14.3,3.1,190,0,2,44
5261,2021,132,18,13.5,2.6,180,0,6,56
5261,2021,132,19,12.8,2.6,140,0,8,62
5261,2021,132,20,12.2,6.1,110,0,8,66
5261,2021,132,21,11.1,3.1,100,0,8,78
5261,2021,132,22,10.7,2.6,90,0,8,82
5261,2021,132,23,10.5,3.1,90,0,8,80
5261,2021,133,0,10.2,3.1,80,0,8,83
5261,2021,133,1,9.9,3.6,80,0,8,84
5261,2021,133,2,10.3,1.80,0,8,84
5261,2021,133,3,9.8,2.6,100,0,8,91
5261,2021,133,4,9.4,3.1,80,0,2,8,96
5261,2021,133,5,9.4,3.1,130,0,7,92
5261,2021,133,6,9.2,2.6,160,0,8,89
5261,2021,133,7,8.9,2.6,150,0,4,8,94
5261,2021,133,8,8.9,2.6,110,0,2,8,94
5261,2021,133,9,9.8,3.1,90,0,4,8,95
5261,2021,133,10,11.5,3.1,140,0,4,8,88
5261,2021,133,11,11.1,3.1,120,0,8,83
5261,2021,133,12,12.9,3.1,130,0,8,72
5261,2021,133,13,12.5,4.6,130,0,8,69
5261,2021,133,14,11.5,4.1,110,0,8,72
5261,2021,133,15,12.7,4.1,140,0,8,68
5261,2021,133,16,11.9,4.6,140,0,8,71
5261,2021,133,17,11.9,3.6,140,0,8,71
5261,2021,133,18,12.3,1,140,0,7,69
5261,2021,133,19,10.5,3.1,120,0,8,71
5261,2021,133,20,9.4,2.1,110,0,8,79
5261,2021,133,21,7.6,2.1,100,0,4,83
5261,2021,133,22,6.1,40,0,1,91
5261,2021,133,23,6.5,1,360,0,7,96
5261,2021,134,0,7.9,1.5,30,0,8,92
5261,2021,134,1,8.4,1.5,40,0,8,93
5261,2021,134,2,8.8,2.6,40,0,8,93
5261,2021,134,3,8,1.5,30,0,8,92
5261,2021,134,4,8.1,1,10,0,7,99
5261,2021,134,5,8.7,2.1,40,0,8,94
5261,2021,134,6,8.3,3.6,40,0,8,94
5261,2021,134,7,8.2,4.1,30,0,8,90
5261,2021,134,8,8.9,3.6,40,0,8,84
5261,2021,134,9,9.7,3.1,30,0,8,80
5261,2021,134,10,10.6,3.1,30,0,8,76

5261,2021,134,11,11.4,3.1,20,0,8,72
5261,2021,134,12,11.5,3.1,30,0,8,71
5261,2021,134,13,11.4,2.1,360,0,8,68
5261,2021,134,14,12.1,1.5,350,0,7,69
5261,2021,134,15,11.9,2.1,350,0,8,69
5261,2021,134,16,12.1,1.5,350,0,7,65
5261,2021,134,17,12.1,1,10,0,8,67
5261,2021,134,18,11.8,0.5,20,0,8,71
5261,2021,134,19,10.8,1,130,0,8,76
5261,2021,134,20,10,1.5,210,0,8,80
5261,2021,134,21,9.6,1.5,200,0,8,85
5261,2021,134,22,8.9,1,200,0,8,88
5261,2021,134,23,8.5,1,190,0,8,92
5261,2021,135,0,7.8,1.5,190,0,8,93
5261,2021,135,1,7,1,160,0,8,97
5261,2021,135,2,7,1,120,0,8,97
5261,2021,135,3,7.9,1,130,0,8,99
5261,2021,135,4,8.2,1.5,130,0,6,8,98
5261,2021,135,5,8.3,1.5,100,0,8,8,99
5261,2021,135,6,8.8,1.5,110,0,2,8,99
5261,2021,135,7,9.4,1.5,150,0,8,99
5261,2021,135,8,9.6,2.6,120,0,8,88
5261,2021,135,9,9.5,2.6,140,0,4,7,96
5261,2021,135,10,11.2,2.6,130,0,8,90
5261,2021,135,11,11.6,2.6,130,0,2,8,88
5261,2021,135,12,12.5,1,130,0,8,80
5261,2021,135,13,11.6,1.5,330,0,8,88
5261,2021,135,14,12.5,3.1,280,0,2,7,81
5261,2021,135,15,11.1,3.1,270,0,2,8,80
5261,2021,135,16,13.9,3.6,240,1,2,73
5261,2021,135,17,12.4,5.1,250,0,5,70
5261,2021,135,18,13.1,4.1,240,0,4,69
5261,2021,135,19,11.4,3.6,240,0,7,84
5261,2021,135,20,9.9,3.1,220,0,7,88
5261,2021,135,21,9.8,2.6,230,0,7,95
5261,2021,135,22,8.8,3.1,230,0,6,5,94
5261,2021,135,23,9.2,2.1,230,0,7,99
5261,2021,136,0,9.1,2.1,230,0,5,97
5261,2021,136,1,8.3,2.1,240,0,2,1,97
5261,2021,136,2,7.3,1,240,0,6,97
5261,2021,136,3,7.4,1.5,220,0,7,100
5261,2021,136,4,7.4,1.5,230,0,7,98
5261,2021,136,5,6.6,0.5,220,0,7,100
5261,2021,136,6,8.3,1.5,230,0,6,100
5261,2021,136,7,9.4,2.1,220,0,2,7,97
5261,2021,136,8,11.9,2.1,210,0,2,83
5261,2021,136,9,9.1,3.1,220,2,4,6,95
5261,2021,136,10,9.8,3.6,220,0,8,8,91
5261,2021,136,11,10.9,2.1,220,1,8,8,98
5261,2021,136,12,10.2,1,240,4,4,7,95
5261,2021,136,13,10.1,2.1,200,3,2,8,96
5261,2021,136,14,11.4,1.5,230,4,8,8,94
5261,2021,136,15,11.3,3.6,210,1,2,6,94
5261,2021,136,16,12.1,3.1,200,0,6,8,93
5261,2021,136,17,11.4,4.1,210,1,8,95
5261,2021,136,18,11.1,3.6,210,0,2,8,90
5261,2021,136,19,10.5,3.6,210,0,8,95
5261,2021,136,20,10.3,3.1,210,0,4,8,97
5261,2021,136,21,10.3,2.6,220,0,4,8,97
5261,2021,136,22,10.4,3.1,250,1,4,8,97
5261,2021,136,23,10.3,1,250,0,4,8,96
5261,2021,137,0,10.1,3.1,260,0,2,8,96
5261,2021,137,1,9.9,3.1,270,0,8,97
5261,2021,137,2,9.6,2.6,280,0,8,95
5261,2021,137,3,9.9,2.6,280,0,8,96
5261,2021,137,4,9.9,2.6,280,0,8,95
5261,2021,137,5,9.9,2.1,280,0,8,95

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,137,6,10.1,1.5,280,0,8,95
5261,2021,137,7,10.9,1.5,290,0,7,94
5261,2021,137,8,12.7,2.6,280,0,4,85
5261,2021,137,9,12.9,2.1,310,0,8,82
5261,2021,137,10,13.4,2.6,280,0,8,75
5261,2021,137,11,14.2,2.1,310,0,8,71
5261,2021,137,12,15.3,6,260,0,7,66
5261,2021,137,13,11.8,2.1,350,2,8,85
5261,2021,137,14,13.9,1.5,270,0,7,78
5261,2021,137,15,13.2,3.1,250,0,6,82
5261,2021,137,16,11.9,3.1,250,0,4,7,89
5261,2021,137,17,12.7,2.6,230,0,6,74
5261,2021,137,18,12.2,2.6,250,0,8,83
5261,2021,137,19,11.2,1.5,290,2,2,8,91
5261,2021,137,20,9.7,1.5,310,2,7,93
5261,2021,137,21,9.2,1,220,1,6,7,96
5261,2021,137,22,8.8,2.6,240,0,2,8,97
5261,2021,137,23,8.4,2.6,250,0,2,8,97
5261,2021,138,0,7.5,1.5,260,0,2,97
5261,2021,138,1,7.5,2.6,260,0,0,97
5261,2021,138,2,7.2,3.1,260,0,0,97
5261,2021,138,3,6.5,2.1,270,0,1,97
5261,2021,138,4,4.7,1,220,0,0,97
5261,2021,138,5,4.4,0.5,210,0,0,98
5261,2021,138,6,7.7,1.5,230,0,0,100
5261,2021,138,7,9.4,2.6,240,0,1,97
5261,2021,138,8,11.4,1.5,210,0,2,0,89
5261,2021,138,9,11.5,3.6,250,0,5,88
5261,2021,138,10,13.8,2.6,230,0,7,74
5261,2021,138,11,14.8,3.1,230,0,7,65
5261,2021,138,12,14.9,3.6,250,0,3,64
5261,2021,138,13,15.2,4.6,230,0,2,67
5261,2021,138,14,14.6,4.6,240,0,7,66
5261,2021,138,15,11.7,2.6,280,0,8,79
5261,2021,138,16,11.7,3.1,280,1,8,86
5261,2021,138,17,11.9,3.1,250,0,2,8,84
5261,2021,138,18,11.6,3.6,240,0,6,8,84
5261,2021,138,19,10.6,4.1,240,0,7,87
5261,2021,138,20,10.3,3.1,240,0,7,92
5261,2021,138,21,10.2,2.1,230,0,8,93
5261,2021,138,22,9.8,2.1,230,0,8,96
5261,2021,138,23,10.2,1,230,0,8,95
5261,2021,139,0,9.9,2.1,240,0,4,8,96
5261,2021,139,1,8.9,1,210,0,8,97
5261,2021,139,2,9.1,1,220,0,8,99
5261,2021,139,3,8.4,1,230,0,7,98
5261,2021,139,4,8.3,0.5,290,0,8,99
5261,2021,139,5,8.4,1,310,0,8,98
5261,2021,139,6,8.7,1,320,0,8,96
5261,2021,139,7,9.3,1.5,310,0,8,89
5261,2021,139,8,10,1.5,310,0,2,8,91
5261,2021,139,9,11.6,2.1,320,0,8,83
5261,2021,139,10,13.3,1,330,0,6,69
5261,2021,139,11,14.5,3.1,320,0,5,60
5261,2021,139,12,15.3,3.1,320,0,4,52
5261,2021,139,13,16.9,3.1,310,0,3,42
5261,2021,139,14,16.9,2.6,310,0,5,48
5261,2021,139,15,15.9,2.6,310,0,5,43
5261,2021,139,16,14.1,3.6,300,0,7,57
5261,2021,139,17,15.1,2.6,310,0,7,48
5261,2021,139,18,14.7,2.6,300,0,6,52
5261,2021,139,19,14.2,1,300,0,3,53
5261,2021,139,20,10.6,1,310,0,0,73
5261,2021,139,21,8.1,240,0,0,86
5261,2021,139,22,6.5,1,250,0,0,94
5261,2021,139,23,5.5,1,260,0,0,92
5261,2021,140,0,5,0.5,180,0,0,97

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,140,1,5,1,230,0,0,98
5261,2021,140,2,5,3,1.5,230,0,7,98
5261,2021,140,3,4,5,1,240,0,3,98
5261,2021,140,4,3,4,0.5,240,0,5,98
5261,2021,140,5,4,2,0,0,0,8,100
5261,2021,140,6,5,8,0,0,0,8,100
5261,2021,140,7,8,2,1.5,200,0,8,100
5261,2021,140,8,10,7,2,6,180,0,7,96
5261,2021,140,9,11,4,1,190,0,8,85
5261,2021,140,10,11,6,4,6,200,0,8,83
5261,2021,140,11,12,7,5,1,190,0,8,78
5261,2021,140,12,12,3,5,7,190,0,8,74
5261,2021,140,13,12,2,6,7,190,0,7,77
5261,2021,140,14,13,6,2,190,0,8,70
5261,2021,140,15,13,2,6,7,200,0,8,74
5261,2021,140,16,11,9,7,2,210,0,2,8,88
5261,2021,140,17,12,8,7,7,220,0,8,81
5261,2021,140,18,11,9,6,7,220,0,8,8,88
5261,2021,140,19,11,8,7,7,230,0,8,79
5261,2021,140,20,11,7,7,2,220,0,8,78
5261,2021,140,21,11,5,7,2,230,0,7,77
5261,2021,140,22,11,6,7,2,230,0,8,75
5261,2021,140,23,10,4,7,7,230,0,7,83
5261,2021,141,0,9,9,7,2,230,0,6,8,90
5261,2021,141,1,10,5,6,7,230,0,8,81
5261,2021,141,2,10,6,7,7,230,0,8,77
5261,2021,141,3,10,8,7,7,230,0,8,74
5261,2021,141,4,10,4,8,2,230,0,8,80
5261,2021,141,5,10,3,7,7,230,0,2,8,78
5261,2021,141,6,10,4,7,7,230,0,8,80
5261,2021,141,7,11,7,7,230,0,8,74
5261,2021,141,8,11,3,8,2,240,0,2,8,72
5261,2021,141,9,11,6,8,7,230,0,8,71
5261,2021,141,10,12,2,8,7,230,0,8,67
5261,2021,141,11,12,2,9,3,230,0,8,68
5261,2021,141,12,11,7,9,3,230,0,7,72
5261,2021,141,13,11,7,9,3,230,0,8,72
5261,2021,141,14,10,5,8,7,230,0,6,8,85
5261,2021,141,15,10,2,8,2,240,0,6,8,88
5261,2021,141,16,10,5,7,7,240,0,6,8,86
5261,2021,141,17,10,2,7,7,240,0,4,8,88
5261,2021,141,18,10,4,6,7,240,0,2,8,85
5261,2021,141,19,9,9,7,2,240,0,2,7,88
5261,2021,141,20,10,3,6,2,240,0,8,85
5261,2021,141,21,10,1,6,2,240,0,8,83
5261,2021,141,22,10,3,5,7,240,0,8,83
5261,2021,141,23,10,2,5,1,240,0,8,83
5261,2021,142,0,9,6,5,1,240,0,8,88
5261,2021,142,1,9,3,5,1,240,0,2,8,92
5261,2021,142,2,9,2,4,6,240,0,2,8,95
5261,2021,142,3,9,2,4,6,240,0,8,96
5261,2021,142,4,9,2,4,1,250,0,8,7,97
5261,2021,142,5,9,1,3,6,260,0,4,8,96
5261,2021,142,6,9,1,2,6,280,0,2,7,95
5261,2021,142,7,9,4,2,1,280,0,8,91
5261,2021,142,8,10,2,2,6,280,0,8,87
5261,2021,142,9,10,5,2,6,290,0,8,80
5261,2021,142,10,11,3,2,6,270,0,8,78
5261,2021,142,11,11,4,2,6,270,0,8,76
5261,2021,142,12,11,6,2,6,270,0,8,72
5261,2021,142,13,12,3,2,6,280,0,8,71
5261,2021,142,14,13,8,2,6,260,0,8,65
5261,2021,142,15,12,2,2,6,280,0,8,77
5261,2021,142,16,13,4,3,1,260,0,7,65
5261,2021,142,17,13,3,1,260,0,8,63
5261,2021,142,18,12,1,2,1,250,0,8,72
5261,2021,142,19,11,5,1,5,210,0,8,77

5261,2021,142,20,11,2,1,240,0,8,75
5261,2021,142,21,9,3,0,5,300,0,8,83
5261,2021,142,22,8,1,5,250,0,7,86
5261,2021,142,23,7,6,2,1,270,0,3,77
5261,2021,143,0,6,1,3,1,250,0,1,82
5261,2021,143,1,5,8,3,1,250,0,3,86
5261,2021,143,2,5,4,2,6,250,0,6,89
5261,2021,143,3,4,4,3,1,240,0,1,92
5261,2021,143,4,3,9,2,6,240,0,3,93
5261,2021,143,5,4,5,2,1,230,0,5,92
5261,2021,143,6,6,2,2,1,220,0,6,86
5261,2021,143,7,9,3,2,6,220,0,1,79
5261,2021,143,8,10,1,4,1,220,0,7,69
5261,2021,143,9,10,8,4,6,210,0,8,72
5261,2021,143,10,11,3,4,6,210,0,8,74
5261,2021,143,11,12,3,5,7,210,0,8,66
5261,2021,143,12,11,4,6,2,220,0,4,6,83
5261,2021,143,13,12,4,6,2,210,0,8,64
5261,2021,143,14,12,2,7,2,210,0,7,64
5261,2021,143,15,12,1,6,7,210,0,8,62
5261,2021,143,16,12,7,5,1,210,0,4,70
5261,2021,143,17,11,4,4,6,190,0,7,82
5261,2021,143,18,10,9,4,6,190,0,2,7,86
5261,2021,143,19,10,1,4,6,190,0,6,7,92
5261,2021,143,20,9,8,4,6,190,1,8,8,95
5261,2021,143,21,9,9,6,2,180,1,8,8,96
5261,2021,143,22,9,7,6,7,190,2,8,8,96
5261,2021,143,23,9,3,5,7,210,1,2,8,95
5261,2021,144,0,8,6,4,6,210,0,2,8,97
5261,2021,144,1,8,9,3,6,220,0,2,8,99
5261,2021,144,2,7,8,3,1,230,0,8,96
5261,2021,144,3,6,7,1,200,0,2,7,96
5261,2021,144,4,5,2,0,5,220,0,5,97
5261,2021,144,5,4,6,0,5,230,0,1,98
5261,2021,144,6,8,6,0,5,160,0,1,100
5261,2021,144,7,10,6,2,1,190,0,2,92
5261,2021,144,8,11,1,3,6,210,0,0,90
5261,2021,144,9,10,6,4,6,200,0,6,79
5261,2021,144,10,11,1,5,1,210,0,7,75
5261,2021,144,11,10,9,5,1,200,0,6,5,84
5261,2021,144,12,7,6,4,1,200,0,8,8,90
5261,2021,144,13,11,8,3,1,190,0,2,6,85
5261,2021,144,14,10,4,1,220,0,4,7,83
5261,2021,144,15,11,1,4,6,230,0,6,7,89
5261,2021,144,16,10,6,3,1,270,0,2,7,77
5261,2021,144,17,10,3,4,1,260,0,6,70
5261,2021,144,18,9,6,2,6,260,0,8,82
5261,2021,144,19,7,2,1,270,4,2,8,96
5261,2021,144,20,7,4,2,1,230,0,8,97
5261,2021,144,21,7,3,2,6,280,3,4,8,96
5261,2021,144,22,7,9,2,6,290,0,8,94
5261,2021,144,23,7,9,2,6,280,0,8,92
5261,2021,145,0,7,6,3,1,270,0,8,90
5261,2021,145,1,7,3,1,270,0,1,90
5261,2021,145,2,6,8,3,6,270,0,0,91
5261,2021,145,3,6,9,4,1,270,0,7,91
5261,2021,145,4,7,1,4,1,260,0,4,90
5261,2021,145,5,6,8,3,1,250,0,7,93
5261,2021,145,6,7,6,3,1,250,0,6,93
5261,2021,145,7,8,7,3,1,250,0,6,90
5261,2021,145,8,11,3,6,260,0,7,81
5261,2021,145,9,12,3,4,6,270,0,6,73
5261,2021,145,10,12,6,4,1,280,0,8,70
5261,2021,145,11,11,5,4,1,270,0,7,76
5261,2021,145,12,13,1,4,1,260,0,8,67
5261,2021,145,13,14,3,4,1,260,0,7,60
5261,2021,145,14,14,9,4,1,270,0,7,51

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,145,15,14.5,4.1,270,0,8,54
5261,2021,145,16,14,4,6,270,0,8,52
5261,2021,145,17,13,3,4,1,260,0,8,62
5261,2021,145,18,9,6,4,1,250,0,8,8,92
5261,2021,145,19,9,4,4,1,240,0,2,7,93
5261,2021,145,20,8,5,3,1,230,0,8,93
5261,2021,145,21,8,1,1,5,240,0,8,96
5261,2021,145,22,7,8,1,190,0,8,97
5261,2021,145,23,7,3,1,230,0,8,97
5261,2021,146,0,6,7,0,5,270,0,6,98
5261,2021,146,1,5,2,0,5,240,0,6,97
5261,2021,146,2,5,0,5,240,0,1,100
5261,2021,146,3,6,1,1,5,300,0,0,100
5261,2021,146,4,5,8,1,5,300,0,0,95
5261,2021,146,5,6,3,1,5,280,0,0,94
5261,2021,146,6,8,3,2,1,280,0,2,86
5261,2021,146,7,9,7,2,1,290,0,6,84
5261,2021,146,8,11,1,2,1,300,0,7,75
5261,2021,146,9,11,8,3,1,290,0,7,71
5261,2021,146,10,11,8,2,6,290,0,7,69
5261,2021,146,11,13,7,2,6,290,0,7,61
5261,2021,146,12,14,2,3,6,280,0,6,58
5261,2021,146,13,15,3,3,6,270,0,5,54
5261,2021,146,14,15,8,3,1,310,0,5,50
5261,2021,146,15,15,7,2,6,300,0,3,49
5261,2021,146,16,14,8,3,1,290,0,4,58
5261,2021,146,17,17,2,6,270,0,7,50
5261,2021,146,18,15,1,2,6,340,0,5,50
5261,2021,146,19,14,2,1,10,0,8,60
5261,2021,146,20,12,9,1,5,360,0,8,64
5261,2021,146,21,11,7,0,5,330,0,8,72
5261,2021,146,22,10,8,0,5,330,0,8,86
5261,2021,146,23,10,1,0,5,310,0,8,90
5261,2021,147,0,9,3,1,260,0,7,92
5261,2021,147,1,7,8,0,5,280,0,3,96
5261,2021,147,2,6,5,1,270,0,0,97
5261,2021,147,3,5,5,0,5,320,0,0,98
5261,2021,147,4,4,9,0,5,270,0,0,98
5261,2021,147,5,5,1,0,5,270,0,0,98
5261,2021,147,6,8,9,0,5,20,0,0,100
5261,2021,147,7,13,3,1,300,0,0,77
5261,2021,147,8,15,1,5,10,0,0,69
5261,2021,147,9,16,6,1,5,10,0,1,63
5261,2021,147,10,16,1,1,250,0,6,63
5261,2021,147,11,16,8,1,5,340,0,7,54
5261,2021,147,12,17,7,1,5,300,0,7,50
5261,2021,147,13,18,5,1,5,330,0,7,50
5261,2021,147,14,18,7,1,5,300,0,6,50
5261,2021,147,15,17,7,2,6,230,0,4,60
5261,2021,147,16,18,2,6,230,0,7,60
5261,2021,147,17,18,7,3,1,220,0,1,54
5261,2021,147,18,17,5,3,1,230,0,0,50
5261,2021,147,19,16,4,3,1,230,0,0,48
5261,2021,147,20,13,6,2,1,220,0,0,55
5261,2021,147,21,11,3,1,5,230,0,0,68
5261,2021,147,22,8,4,1,240,0,0,87
5261,2021,147,23,7,7,0,5,280,0,6,93
5261,2021,148,0,6,7,0,5,270,0,3,94
5261,2021,148,1,6,6,0,5,30,0,7,97
5261,2021,148,2,6,7,0,5,60,0,8,98
5261,2021,148,3,6,6,0,5,340,0,8,98
5261,2021,148,4,6,9,0,5,360,0,8,100
5261,2021,148,5,7,4,0,5,20,0,8,100
5261,2021,148,6,8,9,0,5,20,0,8,100
5261,2021,148,7,11,1,1,50,0,8,99
5261,2021,148,8,15,1,1,90,0,8,75
5261,2021,148,9,17,6,1,5,120,0,7,67

Emissions to air risk assessment
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5261,2021,148,10,18.6,1.5,130,0,8,54
5261,2021,148,11,19.2,1,120,0,8,57
5261,2021,148,12,18,1.5,130,0,8,60
5261,2021,148,13,19.2,1,150,0,7,48
5261,2021,148,14,19.1,1.5,160,0,7,58
5261,2021,148,15,19.1,1.5,160,0,8,57
5261,2021,148,16,19.1,1,70,0,8,55
5261,2021,148,17,18.7,1,100,0,8,56
5261,2021,148,18,17.4,2.1,240,0,8,62
5261,2021,148,19,16.8,1,310,0,8,71
5261,2021,148,20,15.5,1,290,0,8,79
5261,2021,148,21,14.2,0.5,200,0,7,88
5261,2021,148,22,13.5,1,40,0,8,87
5261,2021,148,23,13.1,2.1,70,0,8,84
5261,2021,149,0,12.6,2.6,80,0,8,82
5261,2021,149,1,11.5,1.5,70,0,8,88
5261,2021,149,2,11.1,1,60,0,8,90
5261,2021,149,3,10.8,1.5,70,0,8,85
5261,2021,149,4,10.8,2.1,50,0,8,84
5261,2021,149,5,10.9,1.5,30,0,8,85
5261,2021,149,6,11.5,1,10,0,8,83
5261,2021,149,7,12.9,1.5,30,0,8,78
5261,2021,149,8,15.3,2.1,40,0,7,76
5261,2021,149,9,17.7,2.6,60,0,8,65
5261,2021,149,10,19.3,1,70,0,5,61
5261,2021,149,11,18.7,3.6,70,0,2,56
5261,2021,149,12,19.7,3.6,70,0,7,55
5261,2021,149,13,20.3,4.1,70,0,1,51
5261,2021,149,14,20.3,3.6,70,0,2,46
5261,2021,149,15,20.7,3.6,70,0,4,48
5261,2021,149,16,19.6,4.6,70,0,2,54
5261,2021,149,17,19.4,6.80,0,0,48
5261,2021,149,18,18.4,1.60,0,0,54
5261,2021,149,19,16.4,1,70,0,0,54
5261,2021,149,20,13.6,3.6,50,0,0,60
5261,2021,149,21,11.6,2.1,30,0,0,68
5261,2021,149,22,10.2,1.5,20,0,0,77
5261,2021,149,23,9.4,2.1,30,0,0,85
5261,2021,150,0,8.2,2.1,50,0,0,89
5261,2021,150,1,7.2,1.5,30,0,0,93
5261,2021,150,2,7.1,1.5,10,0,0,97
5261,2021,150,3,7.9,2.1,50,0,4,100
5261,2021,150,4,8.9,3.1,50,0,8,97
5261,2021,150,5,9.1,3.6,60,0,8,94
5261,2021,150,6,9.2,3.1,50,0,8,93
5261,2021,150,7,10,3.6,60,0,8,86
5261,2021,150,8,10.8,3.6,60,0,7,86
5261,2021,150,9,12,3.6,60,0,8,83
5261,2021,150,10,13.8,4.1,70,0,7,78
5261,2021,150,11,14.4,4.1,70,0,7,72
5261,2021,150,12,16.2,4.1,60,0,8,72
5261,2021,150,13,17.7,3.6,70,0,0,61
5261,2021,150,14,18.8,4.1,80,0,0,56
5261,2021,150,15,19.3,6.70,0,0,53
5261,2021,150,16,19.3,3.6,70,0,0,57
5261,2021,150,17,18.3,4.1,70,0,0,62
5261,2021,150,18,16.8,4.1,70,0,0,64
5261,2021,150,19,13.4,4.6,70,0,0,74
5261,2021,150,20,10.7,4.1,80,0,0,83
5261,2021,150,21,9.6,3.1,70,0,3,88
5261,2021,150,22,8.4,2.6,60,0,0,90
5261,2021,150,23,7.6,2.1,50,0,0,93
5261,2021,151,0,6.7,1.5,40,0,0,95
5261,2021,151,1,6.7,1,360,0,0,98
5261,2021,151,2,5.6,1,20,0,0,97
5261,2021,151,3,5.6,0.5,20,0,0,100
5261,2021,151,4,5,1,20,0,1,98

Emissions to air risk assessment
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5261,2021,151,5,8.5,1.5,20,0,6,100
5261,2021,151,6,9.4,1.5,50,0,1,100
5261,2021,151,7,11.6,2.6,60,0,7,98
5261,2021,151,8,14.7,2.6,70,0,2,82
5261,2021,151,9,17.2,3.1,80,0,0,76
5261,2021,151,10,18.4,2.6,70,0,0,68
5261,2021,151,11,20.9,2.1,60,0,0,65
5261,2021,151,12,21.7,2.1,70,0,5,60
5261,2021,151,13,22.4,3.1,60,0,4,47
5261,2021,151,14,23.5,3.6,80,0,2,46
5261,2021,151,15,23.2,4.1,90,0,3,50
5261,2021,151,16,21.9,4.1,70,0,1,55
5261,2021,151,17,21.7,4.6,70,0,1,50
5261,2021,151,18,20.7,5.1,70,0,0,50
5261,2021,151,19,19.5,1.70,0,0,56
5261,2021,151,20,16.7,4.6,80,0,0,59
5261,2021,151,21,14.8,3.6,70,0,0,66
5261,2021,151,22,13.1,2.1,60,0,0,74
5261,2021,151,23,11.1,0.5,120,0,0,82
5261,2021,152,0,10.2,1.80,0,0,87
5261,2021,152,1,9.4,0.5,90,0,0,90
5261,2021,152,2,8.7,0.5,50,0,0,94
5261,2021,152,3,8.4,1.40,0,0,96
5261,2021,152,4,8.3,1.30,0,0,97
5261,2021,152,5,9.4,1.5,20,0,0,99
5261,2021,152,6,13.2,1.5,30,0,0,84
5261,2021,152,7,16.2,2.1,70,0,0,73
5261,2021,152,8,19.1,2.6,70,0,0,66
5261,2021,152,9,21.8,2.6,70,0,0,63
5261,2021,152,10,23.1,3.1,80,0,0,47
5261,2021,152,11,23.6,4.6,90,0,0,45
5261,2021,152,12,24.5,7.100,0,0,38
5261,2021,152,13,24.5,5.1,110,0,0,39
5261,2021,152,14,23.7,5.1,110,0,0,34
5261,2021,152,15,24.5,1.100,0,0,37
5261,2021,152,16,23.8,5.1,110,0,0,33
5261,2021,152,17,22.6,5.1,90,0,0,43
5261,2021,152,18,21.5,5.1,70,0,0,44
5261,2021,152,19,19.6,5.1,70,0,0,48
5261,2021,152,20,17.4,4.1,60,0,0,51
5261,2021,152,21,15.2,6.60,0,0,61
5261,2021,152,22,14.4,2.1,40,0,0,66
5261,2021,152,23,12.2,1.20,0,3,74
5261,2021,153,0,11.4,1.50,0,1,79
5261,2021,153,1,10.1,0.5,20,0,0,86
5261,2021,153,2,9.4,1.20,0,0,88
5261,2021,153,3,8.7,1.10,0,0,92
5261,2021,153,4,7.9,0.5,360,0,0,94
5261,2021,153,5,9.9,1,10,0,0,96
5261,2021,153,6,14.1,2.1,30,0,0,78
5261,2021,153,7,17.6,2.1,60,0,0,70
5261,2021,153,8,20.8,2.6,60,0,0,62
5261,2021,153,9,23.4,2.6,70,0,0,52
5261,2021,153,10,24.7,3.1,80,0,1,48
5261,2021,153,11,25.5,4.6,100,0,0,43
5261,2021,153,12,26.1,5.1,100,0,2,37
5261,2021,153,13,25.5,4.6,100,0,4,43
5261,2021,153,14,26.5,4.1,130,0,6,42
5261,2021,153,15,23.6,4.1,150,0,8,51
5261,2021,153,16,24.1,3.1,150,0,8,57
5261,2021,153,17,23.2,2.6,160,0,8,57
5261,2021,153,18,21.6,2.1,190,0,8,65
5261,2021,153,19,20.6,2.1,200,0,8,65
5261,2021,153,20,19.2,1.5,220,0,8,69
5261,2021,153,21,17.5,2.1,220,0,8,74
5261,2021,153,22,16.7,1.5,220,0,8,78
5261,2021,153,23,16.7,1.5,230,0,8,79

Emissions to air risk assessment
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5261,2021,154,0,16.6,1,230,0,8,84
5261,2021,154,1,16.5,1,220,0,8,87
5261,2021,154,2,16.3,0.5,190,0,7,90
5261,2021,154,3,16.1,1.5,230,0,8,90
5261,2021,154,4,15.8,1.5,230,0,8,94
5261,2021,154,5,15.5,2.6,240,0,6,94
5261,2021,154,6,15.7,2.6,240,0,7,90
5261,2021,154,7,15.9,2.6,230,0,7,87
5261,2021,154,8,17.4,3.1,230,0,7,78
5261,2021,154,9,18.3,3.1,230,0,5,78
5261,2021,154,10,18.7,3.6,220,0,4,71
5261,2021,154,11,19.9,3.6,220,0,0,72
5261,2021,154,12,21.3,3.6,210,0,0,67
5261,2021,154,13,21.6,3.6,220,0,1,63
5261,2021,154,14,21.4,4.1,220,0,0,64
5261,2021,154,15,20.6,4.1,210,0,2,61
5261,2021,154,16,20.7,3.1,220,0,7,62
5261,2021,154,17,19.6,2.6,220,0,8,67
5261,2021,154,18,18.4,2.6,240,0,8,69
5261,2021,154,19,17.6,2.6,220,0,8,74
5261,2021,154,20,16.5,2.6,240,0,8,76
5261,2021,154,21,14.4,2.1,240,0,1,82
5261,2021,154,22,12.6,1.5,240,0,0,89
5261,2021,154,23,11.9,1.5,250,0,0,92
5261,2021,155,0,11.3,1,230,0,0,95
5261,2021,155,1,10.2,0.5,190,0,0,96
5261,2021,155,2,9.9,0.5,230,0,0,97
5261,2021,155,3,10.2,0.5,350,0,4,99
5261,2021,155,4,11.1,330,0,6,99
5261,2021,155,5,11.6,1,340,0,7,94
5261,2021,155,6,13.1,5,350,0,7,86
5261,2021,155,7,14.1,1,360,0,8,82
5261,2021,155,8,13.9,1,330,0,4,8,86
5261,2021,155,9,13.7,1,320,1,2,8,92
5261,2021,155,10,13.7,1,340,1,6,8,94
5261,2021,155,11,14.6,1.5,340,1,8,8,97
5261,2021,155,12,14.5,1.5,330,1,6,8,96
5261,2021,155,13,14.4,1.5,340,1,6,8,96
5261,2021,155,14,14.9,1.5,10,1,8,8,98
5261,2021,155,15,15.1,5,330,0,4,8,97
5261,2021,155,16,15.2,1,350,0,8,92
5261,2021,155,17,14.6,1.5,350,0,7,92
5261,2021,155,18,14.4,1.5,350,0,8,95
5261,2021,155,19,14.2,1.5,360,0,2,8,96
5261,2021,155,20,14.1,330,0,8,95
5261,2021,155,21,13.6,1,310,0,8,96
5261,2021,155,22,13.4,1,310,0,8,96
5261,2021,155,23,13.4,0.5,330,0,8,96
5261,2021,156,0,12.7,1,340,0,3,96
5261,2021,156,1,11.6,1,300,0,6,98
5261,2021,156,2,11.2,0.5,290,0,7,99
5261,2021,156,3,10.3,0.5,250,0,6,99
5261,2021,156,4,9.1,0.5,290,0,7,99
5261,2021,156,5,9.5,0.5,180,0,8,100
5261,2021,156,6,11.1,0.5,210,0,8,100
5261,2021,156,7,12.6,1,310,0,8,100
5261,2021,156,8,14.3,1,20,0,5,92
5261,2021,156,9,17.3,1,90,0,3,81
5261,2021,156,10,18.8,1.5,360,0,0,67
5261,2021,156,11,19.1,5,330,0,2,54
5261,2021,156,12,20.1,1.5,310,0,1,51
5261,2021,156,13,22.2,6,240,0,4,51
5261,2021,156,14,22.2,1,250,0,1,43
5261,2021,156,15,22.2,2.6,260,0,3,46
5261,2021,156,16,21.3,2.6,250,0,7,50
5261,2021,156,17,20.7,3.6,240,0,4,54
5261,2021,156,18,19.8,4.1,230,0,1,53

Emissions to air risk assessment
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5261,2021,156,19,18.2,4.1,240,0,0,51
5261,2021,156,20,15.8,3.1,250,0,0,57
5261,2021,156,21,13.9,2.6,240,0,3,68
5261,2021,156,22,12.3,1.5,250,0,1,77
5261,2021,156,23,10.4,1,240,0,1,90
5261,2021,157,0,9.8,0.5,180,0,0,95
5261,2021,157,1,9.7,0.5,240,0,7,97
5261,2021,157,2,9.1,1,250,0,3,97
5261,2021,157,3,8.9,0.5,260,0,7,99
5261,2021,157,4,9.5,0.5,250,0,8,100
5261,2021,157,5,11.5,1.5,240,0,8,100
5261,2021,157,6,12.6,1.5,250,0,8,99
5261,2021,157,7,14.4,1.5,240,0,8,95
5261,2021,157,8,16.7,1.5,250,0,8,82
5261,2021,157,9,19.4,1,260,0,8,75
5261,2021,157,10,20.2,1.5,250,0,8,64
5261,2021,157,11,20.5,1.5,270,0,8,63
5261,2021,157,12,20.6,2.1,220,0,8,63
5261,2021,157,13,19.9,2.6,230,0,8,69
5261,2021,157,14,21.3,2.6,250,0,7,68
5261,2021,157,15,22.5,3.1,230,0,8,63
5261,2021,157,16,19.9,2.6,230,0,3,64
5261,2021,157,17,20.3,2.6,230,0,0,64
5261,2021,157,18,20.9,2.6,220,0,0,63
5261,2021,157,19,19.6,2.6,220,0,0,67
5261,2021,157,20,16.6,2.1,200,0,0,82
5261,2021,157,21,14.4,1.5,200,0,0,91
5261,2021,157,22,13.1,210,0,1,95
5261,2021,157,23,13.1,230,0,7,98
5261,2021,158,0,12.9,0.5,210,0,8,98
5261,2021,158,1,12.8,0.5,220,0,8,99
5261,2021,158,2,11.8,1,220,0,5,98
5261,2021,158,3,12.3,0.5,220,0,8,99
5261,2021,158,4,12.2,1,220,0,8,100
5261,2021,158,5,12.4,1.5,210,0,8,100
5261,2021,158,6,12.5,1.5,210,0,8,100
5261,2021,158,7,13.1,1.5,210,0,8,100
5261,2021,158,8,14,1.5,200,0,8,99
5261,2021,158,9,16.1,2.6,190,0,8,86
5261,2021,158,10,-999,2.6,220,0,8,-999
5261,2021,158,11,-999,1.5,250,0,-999,-999
5261,2021,158,12,-999,3.1,190,0,-999,-999
5261,2021,158,13,19.1,3.1,230,0,-999,60
5261,2021,158,14,20.5,2.6,230,0,3,65
5261,2021,158,15,21.8,3.1,210,0,3,58
5261,2021,158,16,21.5,3.1,230,0,1,59
5261,2021,158,17,19.8,2.6,220,0,0,57
5261,2021,158,18,19.2,1,210,0,1,66
5261,2021,158,19,17.6,2.6,210,0,5,77
5261,2021,158,20,16.5,2.1,230,0,7,81
5261,2021,158,21,14.5,1.5,210,0,4,89
5261,2021,158,22,13.1,1.5,230,0,1,95
5261,2021,158,23,11.6,0.5,230,0,3,98
5261,2021,159,0,10.7,1,230,0,4,97
5261,2021,159,1,9.9,1,220,0,2,97
5261,2021,159,2,9.6,0.5,340,0,0,99
5261,2021,159,3,8.9,1,240,0,0,99
5261,2021,159,4,8.4,0.5,260,0,0,98
5261,2021,159,5,8.7,0,0,0,100
5261,2021,159,6,12.9,0,0,0,100
5261,2021,159,7,14.5,0.5,140,0,0,91
5261,2021,159,8,17.5,1,170,0,0,75
5261,2021,159,9,19,1.5,220,0,0,70
5261,2021,159,10,19.6,2.6,230,0,0,61
5261,2021,159,11,20.2,3.1,240,0,0,65
5261,2021,159,12,21,3.6,240,0,3,59
5261,2021,159,13,21.7,3.1,250,0,4,55

Emissions to air risk assessment
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5261,2021,159,14,22.6,3.1,230,0,2,52
5261,2021,159,15,22.4,3.6,230,0,1,54
5261,2021,159,16,22.4,3.1,230,0,3,58
5261,2021,159,17,21.8,3.1,240,0,2,56
5261,2021,159,18,20.8,3.1,230,0,0,57
5261,2021,159,19,19.4,3.1,220,0,0,65
5261,2021,159,20,16.9,2.6,220,0,0,75
5261,2021,159,21,14.6,1.5,220,0,0,84
5261,2021,159,22,12.5,1,210,0,0,93
5261,2021,159,23,11.4,1,210,0,0,95
5261,2021,160,0,10.6,1,220,0,0,96
5261,2021,160,1,9.7,1,230,0,0,95
5261,2021,160,2,9.1,0.5,240,0,0,99
5261,2021,160,3,8.2,0,0,0,0,97
5261,2021,160,4,7.4,0.5,290,0,1,97
5261,2021,160,5,7.7,0.5,260,0,0,100
5261,2021,160,6,11.9,1,210,0,0,100
5261,2021,160,7,14.5,2.1,230,0,0,86
5261,2021,160,8,16.8,2.1,250,0,0,72
5261,2021,160,9,18.6,2.6,210,0,0,64
5261,2021,160,10,20.9,2.6,230,0,0,48
5261,2021,160,11,21.7,3.6,230,0,0,45
5261,2021,160,12,22.7,3.6,240,0,0,48
5261,2021,160,13,23.1,4.1,230,0,0,38
5261,2021,160,14,23.6,4.1,240,0,0,40
5261,2021,160,15,23.3,3.6,210,0,0,46
5261,2021,160,16,22.4,4.1,220,0,0,56
5261,2021,160,17,22.4,1,220,0,0,59
5261,2021,160,18,21.6,3.6,220,0,0,54
5261,2021,160,19,20.6,3.6,220,0,0,60
5261,2021,160,20,18.3,3.1,230,0,0,71
5261,2021,160,21,16.8,2.6,240,0,0,82
5261,2021,160,22,15.5,2.1,230,0,0,87
5261,2021,160,23,14.8,2.1,230,0,0,92
5261,2021,161,0,14.1,1.5,230,0,4,95
5261,2021,161,1,14.5,2.1,220,0,8,95
5261,2021,161,2,14.4,2.1,230,0,7,98
5261,2021,161,3,14.5,2.1,220,0,8,97
5261,2021,161,4,14.4,2.6,240,0,8,97
5261,2021,161,5,14.2,2.6,220,0,8,95
5261,2021,161,6,14.5,2.1,250,0,8,97
5261,2021,161,7,15.5,2.1,240,0,8,94
5261,2021,161,8,16,1.5,250,0,8,91
5261,2021,161,9,17.5,1.5,220,0,8,88
5261,2021,161,10,19.3,1,220,0,7,77
5261,2021,161,11,19.1,2.6,230,0,8,80
5261,2021,161,12,19.5,2.6,250,0,8,77
5261,2021,161,13,21.3,2.6,240,0,8,72
5261,2021,161,14,21.2,3.6,220,0,5,71
5261,2021,161,15,21.3,3.6,230,0,4,71
5261,2021,161,16,21.5,3.6,210,0,5,72
5261,2021,161,17,20.4,3.6,220,0,7,74
5261,2021,161,18,19.5,4.1,220,0,6,76
5261,2021,161,19,18.9,3.1,220,0,5,79
5261,2021,161,20,17.3,1,230,0,3,87
5261,2021,161,21,16.8,2.6,230,0,7,88
5261,2021,161,22,16.3,2.6,240,0,8,90
5261,2021,161,23,16.1,3.1,240,0,8,92
5261,2021,162,0,15.8,2.6,240,0,8,94
5261,2021,162,1,15.5,2.1,240,0,8,94
5261,2021,162,2,14.9,2.1,220,0,8,96
5261,2021,162,3,14.3,2.1,230,0,8,98
5261,2021,162,4,14.2,1.5,230,0,8,99
5261,2021,162,5,14.4,1.5,230,0,8,99
5261,2021,162,6,14.7,1.5,240,0,8,99
5261,2021,162,7,15.2,2.1,240,0,8,99
5261,2021,162,8,15.8,2.6,220,0,8,97

5261,2021,162,9,16.4,2.6,240,0,8,90
 5261,2021,162,10,17.7,3.1,220,0,8,88
 5261,2021,162,11,19.6,2.6,220,0,8,82
 5261,2021,162,12,20.6,3.1,230,0,8,75
 5261,2021,162,13,21.8,4.1,220,0,6,70
 5261,2021,162,14,20.9,4.1,230,0,7,71
 5261,2021,162,15,20.6,4.1,220,0,3,75
 5261,2021,162,16,21.4,4.1,220,0,7,68
 5261,2021,162,17,20.8,4.1,240,0,7,71
 5261,2021,162,18,19.6,3.6,230,0,5,77
 5261,2021,162,19,19.6,3.1,240,0,7,76
 5261,2021,162,20,18.2,3.1,240,0,7,82
 5261,2021,162,21,16.8,2.1,240,0,3,88
 5261,2021,162,22,16.6,2.1,240,0,7,90
 5261,2021,162,23,16.2,1.250,0,4,90
 5261,2021,163,0,15.9,1.5,250,0,7,94
 5261,2021,163,1,16.2,1.280,0,8,88
 5261,2021,163,2,16.1.5,270,0,7,85
 5261,2021,163,3,15.5,1.270,0,7,88
 5261,2021,163,4,15.3,1.290,0,7,83
 5261,2021,163,5,14.4,1.5,290,0,2,84
 5261,2021,163,6,15.8,1.290,0,1,80
 5261,2021,163,7,17.1.5,280,0,0,69
 5261,2021,163,8,17.5,2.1,340,0,0,72
 5261,2021,163,9,18.9,2.1,340,0,1,67
 5261,2021,163,10,19.7,2.6,360,0,3,60
 5261,2021,163,11,20.3,2.1,350,0,5,61
 5261,2021,163,12,21.5,2.1,340,0,4,55
 5261,2021,163,13,22.3,2.1,340,0,2,51
 5261,2021,163,14,22.4,2.1,350,0,2,47
 5261,2021,163,15,22.4,2.1,360,0,2,48
 5261,2021,163,16,22.9,1.5,360,0,0,46
 5261,2021,163,17,23.2,1.5,350,0,0,46
 5261,2021,163,18,23.3,1.5,340,0,1,44
 5261,2021,163,19,22.7,1,350,0,0,46
 5261,2021,163,20,18.8,0.5,340,0,0,62
 5261,2021,163,21,16.3,0.5,320,0,0,71
 5261,2021,163,22,14,0.5,340,0,0,84
 5261,2021,163,23,13.2,0.5,330,0,0,89
 5261,2021,164,0,12.4,0.5,290,0,0,92
 5261,2021,164,1,12,0.5,360,0,0,95
 5261,2021,164,2,11.5,0.5,360,0,0,96
 5261,2021,164,3,11.2,1,360,0,0,96
 5261,2021,164,4,10.8,0.5,340,0,0,99
 5261,2021,164,5,11.4,0.5,360,0,0,99
 5261,2021,164,6,15.2,1,40,0,0,93
 5261,2021,164,7,18.3,1,50,0,0,83
 5261,2021,164,8,20.2,1,80,0,0,72
 5261,2021,164,9,22.6,1,110,0,0,62
 5261,2021,164,10,23.6,2.1,180,0,0,60
 5261,2021,164,11,22.7,2.1,200,0,5,59
 5261,2021,164,12,25.7,2.6,200,0,1,57
 5261,2021,164,13,24.6,2.1,220,0,0,54
 5261,2021,164,14,25.3,2.1,190,0,0,50
 5261,2021,164,15,25.2,2.6,190,0,0,53
 5261,2021,164,16,25.1,2.1,200,0,0,55
 5261,2021,164,17,24,2.6,200,0,0,52
 5261,2021,164,18,22.8,2.6,210,0,0,52
 5261,2021,164,19,21.7,2.6,210,0,0,54
 5261,2021,164,20,19.2,1,220,0,0,63
 5261,2021,164,21,15.9,1,250,0,0,79
 5261,2021,164,22,14,0.5,270,0,0,87
 5261,2021,164,23,12.7,0.5,260,0,0,92
 5261,2021,165,0,12,0.5,290,0,0,95
 5261,2021,165,1,11.6,0.5,280,0,0,96
 5261,2021,165,2,11.5,0.5,290,0,0,96
 5261,2021,165,3,11.2,0.5,260,0,0,96

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,165,4,10.5,0,0,0,0,96
5261,2021,165,5,11.4,0.5,310,0,0,99
5261,2021,165,6,15.8,0.5,230,0,0,94
5261,2021,165,7,18.9,0.5,260,0,0,70
5261,2021,165,8,20.7,1.5,260,0,0,66
5261,2021,165,9,22.5,1.5,260,0,0,59
5261,2021,165,10,24.2,1,270,0,0,56
5261,2021,165,11,25.2,2.1,280,0,0,51
5261,2021,165,12,25.7,1.5,280,0,0,46
5261,2021,165,13,26.6,2.1,270,0,0,46
5261,2021,165,14,27.5,2.1,280,0,2,49
5261,2021,165,15,28.2,1,270,0,5,43
5261,2021,165,16,26.4,1.5,310,0,8,50
5261,2021,165,17,27.1,340,0,7,47
5261,2021,165,18,24.1,1.5,250,0,8,59
5261,2021,165,19,23.2,1.5,250,0,8,63
5261,2021,165,20,22.8,1,310,0,8,63
5261,2021,165,21,21.7,3.1,20,0,7,66
5261,2021,165,22,20.6,2.6,40,0,8,70
5261,2021,165,23,18.9,2.6,50,0,7,76
5261,2021,166,0,17.7,2.1,40,0,5,81
5261,2021,166,1,17.9,2.1,20,0,6,82
5261,2021,166,2,16.8,3.1,30,0,7,68
5261,2021,166,3,16.1,2.6,20,0,7,68
5261,2021,166,4,15.5,2.6,20,0,7,69
5261,2021,166,5,15.2,2.6,20,0,7,71
5261,2021,166,6,15.6,3.1,30,0,7,70
5261,2021,166,7,16.4,3.6,30,0,6,71
5261,2021,166,8,17.9,3.1,40,0,7,71
5261,2021,166,9,18.9,3.1,50,0,7,69
5261,2021,166,10,20.5,2.6,50,0,5,68
5261,2021,166,11,22.2,6.60,0,3,66
5261,2021,166,12,22.2,2.1,90,0,4,59
5261,2021,166,13,23.5,1.5,80,0,2,54
5261,2021,166,14,24.1,1.5,100,0,1,54
5261,2021,166,15,23.2,1.5,70,0,4,55
5261,2021,166,16,24.3,1.5,100,0,3,52
5261,2021,166,17,24.1,100,0,7,54
5261,2021,166,18,22.2,3.1,210,0,2,64
5261,2021,166,19,21.2,2.6,210,0,0,65
5261,2021,166,20,18.6,2.6,210,0,0,72
5261,2021,166,21,16.4,1.5,200,0,0,82
5261,2021,166,22,14.6,1.5,240,0,0,90
5261,2021,166,23,13.6,1,230,0,0,91
5261,2021,167,0,12.2,0.5,30,0,0,95
5261,2021,167,1,11.5,0.5,270,0,2,96
5261,2021,167,2,11.1,0.5,280,0,6,97
5261,2021,167,3,10.3,0.5,290,0,0,97
5261,2021,167,4,9.9,0.5,310,0,4,99
5261,2021,167,5,10.5,0.5,360,0,0,99
5261,2021,167,6,14,0,0,0,97
5261,2021,167,7,18.2,0.5,110,0,0,83
5261,2021,167,8,20.4,1.5,220,0,0,73
5261,2021,167,9,21.6,2.6,230,0,0,65
5261,2021,167,10,23.2,2.6,240,0,0,63
5261,2021,167,11,24.8,3.1,220,0,1,60
5261,2021,167,12,25.7,2.6,230,0,3,60
5261,2021,167,13,26.4,3.1,220,0,0,55
5261,2021,167,14,26.8,3.6,210,0,5,56
5261,2021,167,15,27.1,3.6,190,0,0,51
5261,2021,167,16,26.7,3.6,200,0,0,52
5261,2021,167,17,24.9,2.6,200,0,6,60
5261,2021,167,18,23.4,2.1,210,0,7,67
5261,2021,167,19,21.5,1.5,220,0,8,78
5261,2021,167,20,19.3,1.5,220,2.2,8,91
5261,2021,167,21,18.3,2.1,210,6.8,94
5261,2021,167,22,17.9,1.5,140,1.4,8,96

Emissions to air risk assessment
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5261,2021,167,23,17.8,1,300,0.4,7,98
5261,2021,168,0,17.6,1,250,1,8,98
5261,2021,168,1,17.1,1,340,0.2,7,97
5261,2021,168,2,17.2,0.5,350,0.2,8,99
5261,2021,168,3,17.5,1,270,0.2,8,98
5261,2021,168,4,17.5,0.5,280,0,8,98
5261,2021,168,5,16.9,0.5,290,0,8,98
5261,2021,168,6,17.7,0.5,110,0,7,99
5261,2021,168,7,18.1,0.5,80,0,8,99
5261,2021,168,8,18.3,1,320,0,8,97
5261,2021,168,9,18.6,1,310,0,8,96
5261,2021,168,10,18.2,1.5,330,0,8,90
5261,2021,168,11,18.8,2.1,340,0,7,87
5261,2021,168,12,19.4,2.1,30,0,8,86
5261,2021,168,13,20.2,1.5,30,0,8,87
5261,2021,168,14,20.4,2.1,50,0,8,82
5261,2021,168,15,20.7,1.5,50,0,7,81
5261,2021,168,16,19.4,2.6,60,0,8,86
5261,2021,168,17,19.1,2.6,70,0,8,86
5261,2021,168,18,17.6,3.1,70,1.6,8,95
5261,2021,168,19,17.3,2.1,30,5.2,8,97
5261,2021,168,20,17.3,2.1,30,0,8,97
5261,2021,168,21,17.1,2.1,20,0,8,96
5261,2021,168,22,17.2,6.20,0,8,96
5261,2021,168,23,16.6,3.1,20,0,8,96
5261,2021,169,0,16.3,2.6,20,0,8,96
5261,2021,169,1,16.3,1,30,0.2,8,98
5261,2021,169,2,16.3,1,30,0.4,8,97
5261,2021,169,3,15.9,2.6,30,0.2,8,98
5261,2021,169,4,15.6,3.1,30,0,8,98
5261,2021,169,5,15.5,3.1,30,0.2,8,98
5261,2021,169,6,15.3,3.1,30,0.6,8,98
5261,2021,169,7,15.1,3.6,30,3.2,7,98
5261,2021,169,8,15.2,3.6,30,8.4,8,98
5261,2021,169,9,15.1,3.6,30,0.8,7,97
5261,2021,169,10,15.1,4.1,30,-999,8,97
5261,2021,169,11,15.1,4.1,30,-999,8,98
5261,2021,169,12,15.2,3.1,30,-999,8,98
5261,2021,169,13,15.4,2.6,20,-999,8,97
5261,2021,169,14,15.3,1,10,-999,8,96
5261,2021,169,15,14.9,2.6,360,-999,8,97
5261,2021,169,16,15.2,6.10,-999,8,94
5261,2021,169,17,14.3,3.1,10,-999,8,96
5261,2021,169,18,13.8,2.6,10,-999,8,94
5261,2021,169,19,13.2,2.1,350,-999,8,95
5261,2021,169,20,12.9,1.5,330,-999,8,98
5261,2021,169,21,12.9,1.5,330,-999,8,98
5261,2021,169,22,12.5,2.1,330,-999,7,96
5261,2021,169,23,12,-999,-999,-999,7,96
5261,2021,170,0,11.9,2.1,340,-999,8,95
5261,2021,170,1,11.8,2.1,350,-999,8,94
5261,2021,170,2,11.6,2.1,10,-999,8,94
5261,2021,170,3,11.5,1,10,-999,8,95
5261,2021,170,4,11.6,1,320,-999,8,95
5261,2021,170,5,11.6,0.5,330,-999,8,96
5261,2021,170,6,11.8,1,310,-999,8,95
5261,2021,170,7,12.2,1,340,-999,8,95
5261,2021,170,8,12.4,1,10,-999,8,94
5261,2021,170,9,13.3,1.5,30,-999,8,90
5261,2021,170,10,13.5,2.1,40,0,8,88
5261,2021,170,11,13.9,2.1,40,0,8,86
5261,2021,170,12,14.8,2.1,60,0,8,84
5261,2021,170,13,15.2,6.80,0,8,85
5261,2021,170,14,15.3,2.6,70,0,8,84
5261,2021,170,15,15.1,3.1,70,0,8,86
5261,2021,170,16,15.3,1.80,0,7,88
5261,2021,170,17,14.7,3.1,70,0,8,90

Emissions to air risk assessment
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5261,2021,170,18,14.2,3.1,80,0.2,8,92
5261,2021,170,19,14.4,1.70,0.8,91
5261,2021,170,20,13.9,4.1,70,0.8,91
5261,2021,170,21,13.7,4.1,70,0.8,91
5261,2021,170,22,13.6,3.1,80,0.8,92
5261,2021,170,23,13.5,2.1,40,0.8,92
5261,2021,171,0,13.4,2.1,30,0.8,94
5261,2021,171,1,13.3,1.5,30,0.8,95
5261,2021,171,2,13.1,2.1,30,0.2,8,98
5261,2021,171,3,13.1,5,30,0.8,98
5261,2021,171,4,12.9,1,360,0.8,98
5261,2021,171,5,12.9,1.5,30,0.8,98
5261,2021,171,6,13.2,1,10,0.8,98
5261,2021,171,7,13.7,1.5,40,0.8,97
5261,2021,171,8,13.9,1.5,90,0.8,95
5261,2021,171,9,14.4,1.5,80,0.8,97
5261,2021,171,10,16.2,1,70,0.8,88
5261,2021,171,11,16.3,1,120,0.8,84
5261,2021,171,12,17.5,1,10,0.8,80
5261,2021,171,13,18.2,1.5,10,0.8,78
5261,2021,171,14,18.6,2.1,40,0.8,78
5261,2021,171,15,19.4,3.1,50,0.8,77
5261,2021,171,16,18.9,3.1,30,0.7,76
5261,2021,171,17,18.1,3.1,50,0.8,78
5261,2021,171,18,17.4,4.1,50,0.8,80
5261,2021,171,19,16.5,5.1,80,0.8,83
5261,2021,171,20,15.1,4.6,60,0.8,86
5261,2021,171,21,14.8,4.1,60,0.8,87
5261,2021,171,22,14.3,3.6,60,0.8,86
5261,2021,171,23,13.7,4.6,50,0.8,87
5261,2021,172,0,13.4,5.1,50,0.8,86
5261,2021,172,1,13.1,4.6,60,0.8,88
5261,2021,172,2,12.7,4.6,40,0.8,87
5261,2021,172,3,12.4,4.6,40,0.8,86
5261,2021,172,4,12.2,4.6,40,0.8,87
5261,2021,172,5,11.7,4.1,30,0.8,90
5261,2021,172,6,11.4,4.1,30,0.4,8,93
5261,2021,172,7,11.4,4.1,30,1.2,8,94
5261,2021,172,8,11.4,4.1,30,0.4,8,94
5261,2021,172,9,11.9,4.6,30,0.6,8,94
5261,2021,172,10,11.9,4.6,40,1.2,8,95
5261,2021,172,11,12.5,1,40,3,8,95
5261,2021,172,12,12.6,5.1,40,0.4,8,92
5261,2021,172,13,12.9,5.1,30,0.8,88
5261,2021,172,14,12.8,5.1,30,0.2,8,90
5261,2021,172,15,12.5,4.1,30,1.6,8,95
5261,2021,172,16,12.4,4.6,30,1.2,8,95
5261,2021,172,17,12.5,1,30,0.8,7,95
5261,2021,172,18,12.5,1,30,0.8,94
5261,2021,172,19,12.3,5.1,30,0.8,89
5261,2021,172,20,12.1,5.7,30,0.7,88
5261,2021,172,21,12.2,5.7,30,0.8,88
5261,2021,172,22,12.4,5.7,40,0.8,86
5261,2021,172,23,12.5,5.1,40,0.8,86
5261,2021,173,0,12.1,5.7,30,0.8,82
5261,2021,173,1,11.9,5.7,30,0.8,85
5261,2021,173,2,11.8,5.1,30,0.8,85
5261,2021,173,3,11.3,5.1,30,0.8,88
5261,2021,173,4,11.3,5.1,30,0.8,83
5261,2021,173,5,11.2,5.7,30,0.8,82
5261,2021,173,6,11.3,5.7,30,0.8,83
5261,2021,173,7,11.4,5.7,30,0.8,83
5261,2021,173,8,11.6,5.7,30,0.7,83
5261,2021,173,9,11.3,4.6,30,0.8,7,90
5261,2021,173,10,13.1,4.6,20,0.7,80
5261,2021,173,11,14.7,5.1,30,0.7,70
5261,2021,173,12,14.1,5.1,40,0.8,65

5261,2021,173,13,15.5,6.2,40,0,8,58
5261,2021,173,14,15.8,5.1,30,0,8,58
5261,2021,173,15,16.2,5.7,30,0,8,60
5261,2021,173,16,15.6,5.7,40,0,8,56
5261,2021,173,17,15.2,5.1,40,0,8,58
5261,2021,173,18,14.7,4.6,40,0,7,59
5261,2021,173,19,14.5,4.1,40,0,7,64
5261,2021,173,20,13.2,3.1,40,0,8,64
5261,2021,173,21,11.1,2.1,30,0,1,74
5261,2021,173,22,9.3,1,10,0,0,84
5261,2021,173,23,9,1,350,0,4,84
5261,2021,174,0,9.6,1,350,0,8,84
5261,2021,174,1,9.7,1,340,0,8,85
5261,2021,174,2,8.6,1,330,0,2,87
5261,2021,174,3,7.9,1,330,0,0,91
5261,2021,174,4,6.8,1,340,0,0,92
5261,2021,174,5,7.6,1.5,340,0,0,96
5261,2021,174,6,9.1,1,330,0,0,92
5261,2021,174,7,11.9,1.5,340,0,0,80
5261,2021,174,8,14.2,1,30,0,0,69
5261,2021,174,9,15.1,3.1,40,0,0,58
5261,2021,174,10,16.9,2.6,40,0,0,54
5261,2021,174,11,17.6,3.1,30,0,0,48
5261,2021,174,12,18.4,3.6,50,0,0,45
5261,2021,174,13,19.4,2.6,40,0,3,48
5261,2021,174,14,20.6,2.1,40,0,4,45
5261,2021,174,15,19.2,2.1,10,0,3,45
5261,2021,174,16,20.7,2.1,30,0,3,42
5261,2021,174,17,21,1.5,340,0,7,41
5261,2021,174,18,17.2,2.1,220,0,7,58
5261,2021,174,19,15.7,3.1,200,0,7,63
5261,2021,174,20,13.9,2.6,210,0,5,68
5261,2021,174,21,12.1,1.5,200,0,5,75
5261,2021,174,22,10.8,1,220,0,3,82
5261,2021,174,23,9,0.5,230,0,0,92
5261,2021,175,0,8.2,0.5,340,0,6,94
5261,2021,175,1,7.7,0.5,290,0,1,97
5261,2021,175,2,7,0.5,270,0,0,98
5261,2021,175,3,6.5,0.5,280,0,0,99
5261,2021,175,4,5.7,0.5,290,0,0,97
5261,2021,175,5,6.5,0.5,300,0,6,100
5261,2021,175,6,11.5,0.5,50,0,7,99
5261,2021,175,7,14.4,0.5,110,0,6,84
5261,2021,175,8,16.7,1,40,0,0,72
5261,2021,175,9,18.5,1,330,0,6,65
5261,2021,175,10,19.9,2.1,270,0,7,54
5261,2021,175,11,20.6,2.6,270,0,2,53
5261,2021,175,12,21.2,1.5,310,0,5,57
5261,2021,175,13,21,1.5,290,0,8,57
5261,2021,175,14,20.1,2.6,280,0,8,59
5261,2021,175,15,19.6,2.6,280,0,8,59
5261,2021,175,16,19.8,2.6,280,0,8,63
5261,2021,175,17,19.2,2.6,270,0,7,68
5261,2021,175,18,18.2,2.1,260,0,8,75
5261,2021,175,19,18.1,2.1,240,0,8,76
5261,2021,175,20,17.6,2.6,240,0,8,74
5261,2021,175,21,16.1,2.1,240,0,7,78
5261,2021,175,22,15.5,2.1,230,0,7,82
5261,2021,175,23,15.3,2.1,220,0,8,83
5261,2021,176,0,14.8,2.6,230,0,7,89
5261,2021,176,1,15.2,6,230,0,8,89
5261,2021,176,2,14.7,2.6,240,0,8,83
5261,2021,176,3,12.9,2.1,250,0,8,80
5261,2021,176,4,12.6,2.6,240,0,8,84
5261,2021,176,5,12.6,2.6,240,0,8,86
5261,2021,176,6,13.4,2.6,240,0,8,86
5261,2021,176,7,14.4,2.6,240,0,8,93

5261,2021,176,8,15,3.1,240,0.2,8,92
5261,2021,176,9,15,3,2.6,240,0.2,8,92
5261,2021,176,10,17,2.2,1,240,0.8,92
5261,2021,176,11,17,6,2.1,240,0.8,83
5261,2021,176,12,16,7,1.5,250,0.2,7,85
5261,2021,176,13,16,4,2.1,230,1.2,8,92
5261,2021,176,14,18,4,2.1,200,0.7,78
5261,2021,176,15,19,3,3.1,220,0.8,76
5261,2021,176,16,20,8,3.1,240,0.7,65
5261,2021,176,17,20,3,3.1,220,0.1,61
5261,2021,176,18,19,5,3.1,220,0.0,63
5261,2021,176,19,18,4,3.1,210,0.0,63
5261,2021,176,20,15,5,2.6,220,0.0,74
5261,2021,176,21,13,6,2.1,230,0.2,84
5261,2021,176,22,13,1,2.6,240,0.5,86
5261,2021,176,23,12,1.5,240,0.7,89
5261,2021,177,0,10,5,1,250,0.2,91
5261,2021,177,1,9,7,1,250,0.4,96
5261,2021,177,2,10,0.5,290,0.7,97
5261,2021,177,3,11,1,0.5,230,0.8,99
5261,2021,177,4,10,4,0.5,210,0.7,97
5261,2021,177,5,9,6,0,0,1,97
5261,2021,177,6,12,2,0.5,350,0.7,99
5261,2021,177,7,15,6,0.5,90,0.0,78
5261,2021,177,8,17,1,1,100,0.1,67
5261,2021,177,9,19,3,2.1,140,0.0,57
5261,2021,177,10,19,7,2.6,140,0.0,56
5261,2021,177,11,21,4,2.6,130,0.1,56
5261,2021,177,12,20,4,2.6,120,0.4,58
5261,2021,177,13,20,2.6,140,0.7,56
5261,2021,177,14,20,1,2.6,120,0.7,56
5261,2021,177,15,19,8,2.1,100,0.8,60
5261,2021,177,16,20,2,1.80,0.7,63
5261,2021,177,17,21,1,2.6,70,0.8,62
5261,2021,177,18,18,6,4.1,60,0.7,72
5261,2021,177,19,17,9,4.1,70,0.1,74
5261,2021,177,20,16,7,3.6,60,0.3,75
5261,2021,177,21,14,9,3.1,50,0.0,80
5261,2021,177,22,13,9,2.6,50,0.5,85
5261,2021,177,23,14,1,2.6,50,0.7,91
5261,2021,178,0,14,9,3.1,50,0.8,91
5261,2021,178,1,15,1,4.1,50,0.8,90
5261,2021,178,2,15,3,4.1,50,0.8,89
5261,2021,178,3,15,2,3.6,40,0.8,89
5261,2021,178,4,15,3,1,50,0.8,92
5261,2021,178,5,15,2,2.6,40,0.8,93
5261,2021,178,6,15,4,4.1,50,0.8,93
5261,2021,178,7,15,9,4.1,40,0.8,92
5261,2021,178,8,16,6,4.1,40,0.8,90
5261,2021,178,9,17,4,4.1,50,0.8,88
5261,2021,178,10,18,1,4.6,50,0.8,86
5261,2021,178,11,17,9,4.6,50,0.8,86
5261,2021,178,12,19,4,1.50,0.8,84
5261,2021,178,13,18,8,5.1,50,0.8,80
5261,2021,178,14,17,4,4.1,60,0.6,8,90
5261,2021,178,15,17,8,3.1,60,0.4,8,93
5261,2021,178,16,17,6,2.6,60,0.6,8,92
5261,2021,178,17,17,4,2.1,60,0.8,7,93
5261,2021,178,18,16,9,2.6,70,1.8,95
5261,2021,178,19,16,5,2.1,90,1.6,8,96
5261,2021,178,20,16,3,0.5,50,1.4,8,96
5261,2021,178,21,16,1,0.5,330,2.4,8,98
5261,2021,178,22,16,1,0.5,330,1.8,98
5261,2021,178,23,16,3,1.5,20,0.8,98
5261,2021,179,0,15,9,2.6,50,0.8,97
5261,2021,179,1,15,7,2.6,40,0.8,97
5261,2021,179,2,15,7,1.5,50,0.8,98

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,179,3,15.8,2.1,60,0,8,99
5261,2021,179,4,15.8,1.5,80,0,8,98
5261,2021,179,5,15.8,1,70,0,8,98
5261,2021,179,6,16.1,0.5,40,0,8,99
5261,2021,179,7,16.5,0.5,140,0,8,98
5261,2021,179,8,17.3,0.5,250,0,8,92
5261,2021,179,9,17.7,1,30,0,8,89
5261,2021,179,10,18.3,0.5,70,0,8,90
5261,2021,179,11,19.1,0.5,60,0,7,80
5261,2021,179,12,19.6,0.5,80,0,8,82
5261,2021,179,13,19.1,5,20,0,8,87
5261,2021,179,14,19.3,2.1,40,0,8,86
5261,2021,179,15,19.8,2.1,70,0,6,7,89
5261,2021,179,16,21,1.5,30,0,7,80
5261,2021,179,17,20.9,2.1,20,0,6,77
5261,2021,179,18,20.2,1.5,10,0,6,80
5261,2021,179,19,19.5,2.1,10,0,2,8,82
5261,2021,179,20,17.8,2.6,90,0,4,7,90
5261,2021,179,21,16.9,2.6,60,0,6,92
5261,2021,179,22,16.9,2.1,30,0,8,93
5261,2021,179,23,16.5,3.1,30,0,8,93
5261,2021,180,0,16.1,3.1,30,0,8,95
5261,2021,180,1,16.1,2.6,30,0,8,95
5261,2021,180,2,15.9,3.1,40,0,8,91
5261,2021,180,3,15.6,2.6,40,0,8,91
5261,2021,180,4,15.4,2.6,40,0,8,92
5261,2021,180,5,14.9,3.1,40,0,8,94
5261,2021,180,6,14.7,2.6,30,0,8,93
5261,2021,180,7,14.7,2.6,20,0,8,92
5261,2021,180,8,15.8,2.6,30,0,8,83
5261,2021,180,9,16.4,3.6,30,0,8,80
5261,2021,180,10,17.5,3.1,30,0,8,73
5261,2021,180,11,18.1,3.1,30,0,8,73
5261,2021,180,12,18.1,2.6,30,0,8,65
5261,2021,180,13,19.2,3.1,30,0,8,70
5261,2021,180,14,18.1,3.1,20,0,8,70
5261,2021,180,15,16.9,4.1,30,0,8,72
5261,2021,180,16,15.5,3.1,20,0,8,87
5261,2021,180,17,14.2,2.1,360,4.6,6,93
5261,2021,180,18,14.2,1.5,330,0.2,7,94
5261,2021,180,19,14.3,1,320,0,8,96
5261,2021,180,20,14.2,1,310,0,8,95
5261,2021,180,21,14.3,1,310,0,8,96
5261,2021,180,22,14.3,1,320,0,8,96
5261,2021,180,23,13.7,1,350,0,8,95
5261,2021,181,0,13.5,0.5,320,0,8,95
5261,2021,181,1,12.9,0.5,340,0,8,95
5261,2021,181,2,12.7,1,330,0,8,95
5261,2021,181,3,12.6,1,300,0,8,94
5261,2021,181,4,12.6,1,310,0,7,93
5261,2021,181,5,12.7,1,320,0,7,93
5261,2021,181,6,13.1,1.5,10,0,8,90
5261,2021,181,7,13.5,2.1,360,0,8,86
5261,2021,181,8,13.5,1.5,330,0,8,86
5261,2021,181,9,13.1,1.5,340,0,8,86
5261,2021,181,10,15.2,1,350,0,7,77
5261,2021,181,11,15.7,1.5,350,0,7,74
5261,2021,181,12,15.6,2.1,340,0,7,74
5261,2021,181,13,15.7,1.5,330,0,8,74
5261,2021,181,14,15.7,2.1,330,0,8,74
5261,2021,181,15,16.1,1.5,320,0,8,72
5261,2021,181,16,16.3,1.5,320,0,8,72
5261,2021,181,17,17.1,1.5,340,0,8,67
5261,2021,181,18,16.9,1.5,340,0,8,69
5261,2021,181,19,17.2,1.5,340,0,8,66
5261,2021,181,20,16.2,0.5,320,0,8,72
5261,2021,181,21,13.9,1,270,0,7,88

5261,2021,181,22,12.2,1,270,0,7,91
 5261,2021,181,23,11.8,0,0,0,8,98
 5261,2021,182,0,12.1,1,250,0,8,96
 5261,2021,182,1,11.4,1,260,0,8,95
 5261,2021,182,2,10.2,0.5,10,0,7,96
 5261,2021,182,3,9.6,0.5,350,0,1,99
 5261,2021,182,4,9.5,0.5,280,0,4,100
 5261,2021,182,5,10,1,270,0,5,100
 5261,2021,182,6,12,0.5,280,0,7,100
 5261,2021,182,7,13.4,0.5,170,0,8,99
 5261,2021,182,8,16.3,1,60,0,8,82
 5261,2021,182,9,18.8,1.5,190,0,2,72
 5261,2021,182,10,20.4,1.5,240,0,7,68
 5261,2021,182,11,20.2,1,260,0,8,70
 5261,2021,182,12,20.7,1.5,340,0,4,64
 5261,2021,182,13,22.2,1,320,0,7,60
 5261,2021,182,14,21.6,2.1,350,0,5,61
 5261,2021,182,15,20.9,2.6,20,0,7,63
 5261,2021,182,16,20.6,2.1,10,0,7,62
 5261,2021,182,17,19.1,1,270,0,8,74
 5261,2021,182,18,18.4,2.1,230,0,7,81
 5261,2021,182,19,18.5,2.1,220,0,8,84
 5261,2021,182,20,16.7,1.5,230,0,4,90
 5261,2021,182,21,15.3,1.5,240,0,2,93
 5261,2021,182,22,15.5,1,180,0,7,98
 5261,2021,182,23,14.7,0.5,230,0,8,97
 5261,2021,183,0,14.7,0.5,120,0,8,98
 5261,2021,183,1,14.1,0.5,60,0,8,98
 5261,2021,183,2,13.4,0.5,300,0,8,98
 5261,2021,183,3,14.2,0.5,320,0,8,99
 5261,2021,183,4,14.8,0.5,30,0,8,99
 5261,2021,183,5,15,0.5,190,0,8,99
 5261,2021,183,6,15.7,1,240,0,8,99
 5261,2021,183,7,15.7,2.1,230,0,8,98
 5261,2021,183,8,16,1.5,220,0,8,96
 5261,2021,183,9,16.6,1.5,240,0,8,92
 5261,2021,183,10,18.2,1.5,230,0,8,83
 5261,2021,183,11,18.4,2.1,210,0,8,81
 5261,2021,183,12,20.5,2.6,230,0,6,76
 5261,2021,183,13,21.2,2.1,230,0,2,68
 5261,2021,183,14,21.9,2.6,250,0,1,62
 5261,2021,183,15,21.4,2.1,220,0,7,67
 5261,2021,183,16,21.2,6.2,10,0,2,69
 5261,2021,183,17,21.9,2.6,200,0,6,62
 5261,2021,183,18,20.5,2.1,210,0,7,63
 5261,2021,183,19,19.4,2.1,210,0,8,71
 5261,2021,183,20,17.9,1,220,0,8,81
 5261,2021,183,21,16.2,0.5,280,0,8,89
 5261,2021,183,22,15.3,0.5,260,0,8,93
 5261,2021,183,23,16,1,220,0,8,91
 5261,2021,184,0,15.4,1.5,190,0,8,91
 5261,2021,184,1,15,1,80,0,2,7,94
 5261,2021,184,2,14.6,1.5,70,6.4,8,96
 5261,2021,184,3,14.7,2.1,70,0,2,7,97
 5261,2021,184,4,14.6,1.5,80,0,8,97
 5261,2021,184,5,14.7,0.5,80,0,8,98
 5261,2021,184,6,15.3,0.5,170,0,7,97
 5261,2021,184,7,15.9,0.5,160,0,8,98
 5261,2021,184,8,16.1,1.5,210,0,8,96
 5261,2021,184,9,17.8,2.1,210,0,8,93
 5261,2021,184,10,17.3,3.1,230,0,6,8,93
 5261,2021,184,11,16.9,2.6,250,1,8,95
 5261,2021,184,12,18.5,3.1,230,0,2,8,86
 5261,2021,184,13,18.3,4.1,230,0,7,81
 5261,2021,184,14,18.3,6.2,30,0,8,85
 5261,2021,184,15,19.1,3.6,230,0,8,81
 5261,2021,184,16,20.4,3.6,220,0,7,75

Emissions to air risk assessment
EPR/BM49451W/V009 Schedule 5 No. 2 response

5261,2021,184,17,19.5,4.1,220,0,3,71
5261,2021,184,18,18,4.1,230,0,7,76
5261,2021,184,19,17.4,3.6,230,0,7,79
5261,2021,184,20,16,3.1,210,0,7,87
5261,2021,184,21,15.1,2.6,220,0,5,93
5261,2021,184,22,15.3,2.6,230,0,7,92
5261,2021,184,23,14.7,2.1,230,0,7,94
5261,2021,185,0,14.7,2.1,230,0,7,94
5261,2021,185,1,14.3,2.6,220,0,5,97
5261,2021,185,2,14.2,1,220,0,7,97
5261,2021,185,3,14.7,1,140,0,8,98
5261,2021,185,4,15.1,1.5,190,0,8,97
5261,2021,185,5,15.2,2.1,180,0,8,97
5261,2021,185,6,15.6,1.5,180,0,2,8,97
5261,2021,185,7,15.5,2.1,200,7.4,8,98
5261,2021,185,8,16.5,2.1,200,0,8,98
5261,2021,185,9,17.1,2.6,200,0,8,93
5261,2021,185,10,18.3,3.6,200,0,7,84
5261,2021,185,11,18.8,4.1,210,0,7,84
5261,2021,185,12,20.1,4.1,190,0,7,74
5261,2021,185,13,19.3,3.6,190,0,7,76
5261,2021,185,14,19.9,4.1,190,0,8,73
5261,2021,185,15,17.4,4.6,210,0,8,83
5261,2021,185,16,17.3,4.6,220,0,8,81
5261,2021,185,17,16.4,5.1,210,0,7,81
5261,2021,185,18,16.4,4.6,210,0,8,82
5261,2021,185,19,16.4,6,220,0,8,84
5261,2021,185,20,15.7,4.1,220,0,8,83
5261,2021,185,21,14.9,3.6,230,0,8,86
5261,2021,185,22,14.6,3.1,230,0,8,89
5261,2021,185,23,14.2,2.6,230,0,8,90
5261,2021,186,0,14.1,2.6,220,0,8,90
5261,2021,186,1,14.2,2.6,230,0,8,90
5261,2021,186,2,13.7,2.6,230,0,2,8,94
5261,2021,186,3,13.7,1.5,210,0,8,95
5261,2021,186,4,13.3,1.5,220,0,2,7,93
5261,2021,186,5,12.8,1.5,220,0,4,7,95
5261,2021,186,6,14.2,1,220,0,0,92
5261,2021,186,7,15.4,3.1,240,0,1,87
5261,2021,186,8,15.9,3.6,240,0,7,80
5261,2021,186,9,17.3,2.6,250,0,7,75
5261,2021,186,10,19.7,3.6,230,0,7,62
5261,2021,186,11,20.2,4.1,210,0,5,57
5261,2021,186,12,18.8,4.1,210,0,7,63
5261,2021,186,13,19.6,4.6,210,0,7,65
5261,2021,186,14,19.2,4.6,210,0,8,68
5261,2021,186,15,17.6,4.6,210,0,8,68
5261,2021,186,16,16.9,4.1,190,0,8,71
5261,2021,186,17,16.3,3.1,190,0,7,71
5261,2021,186,18,15.7,2.6,180,0,7,81
5261,2021,186,19,13.9,3.1,160,0,4,8,92
5261,2021,186,20,13.7,3.1,130,0,8,7,97
5261,2021,186,21,13.8,3.1,150,1.2,8,97
5261,2021,186,22,13.9,3.1,150,1.4,8,98
5261,2021,186,23,15.2,3.6,180,8.4,8,99
5261,2021,187,0,15.4,1,210,1.4,8,97
5261,2021,187,1,14.5,4.1,210,0,8,96
5261,2021,187,2,14.2,3.6,210,0.2,8,94
5261,2021,187,3,13.5,3.6,200,0,8,92
5261,2021,187,4,13.4,3.1,180,0,6,94
5261,2021,187,5,12.7,5.1,170,2.2,8,96
5261,2021,187,6,13.1,5.1,180,1,7,98
5261,2021,187,7,13.6,4.6,190,0.8,8,98
5261,2021,187,8,14.4,3.6,240,0.2,8,97
5261,2021,187,9,15.1,5.1,260,0,7,86
5261,2021,187,10,16.4,5.7,250,0,6,80
5261,2021,187,11,16.4,5.7,240,0,8,78

Emissions to air risk assessment
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5261,2021,187,12,15.4,6.2,250,0.2,8,84
5261,2021,187,13,16.6,5.1,250,0.4,8,80
5261,2021,187,14,15.5,1.2,30,2.6,92
5261,2021,187,15,16.4,6.2,40,0.8,6,84
5261,2021,187,16,16.7,5.1,230,0.2,5,80
5261,2021,187,17,16.8,5.7,230,0.8,71
5261,2021,187,18,16.1,5.7,230,0.8,76
5261,2021,187,19,14.9,5.1,240,0.6,73
5261,2021,187,20,13.5,4.6,240,0.1,83
5261,2021,187,21,12.7,3.6,230,0.0,87
5261,2021,187,22,12.5,3.6,220,0.7,89
5261,2021,187,23,12.2,3.1,220,0.5,92
5261,2021,188,0,12.2,3.6,220,0.7,92
5261,2021,188,1,12.3,1.2,30,0.7,94
5261,2021,188,2,12.6,2.6,230,0.8,94
5261,2021,188,3,13.5,3.6,220,0.7,92
5261,2021,188,4,14.3,1.2,20,0.8,92
5261,2021,188,5,14.2,3.6,210,0.8,92
5261,2021,188,6,14.8,3.6,210,0.8,91
5261,2021,188,7,15.1,3.1,220,0.8,91
5261,2021,188,8,15.5,3.6,220,0.8,90
5261,2021,188,9,16.3,3.6,220,0.8,85
5261,2021,188,10,17.4,6.2,20,0.8,77
5261,2021,188,11,18.2,5.1,210,0.5,73
5261,2021,188,12,18.2,5.7,220,0.7,72
5261,2021,188,13,17.7,5.1,220,0.8,73
5261,2021,188,14,18.6,4.6,220,0.8,73
5261,2021,188,15,18.3,5.1,220,0.8,72
5261,2021,188,16,19.1,4.6,230,0.8,71
5261,2021,188,17,18.4,4.6,220,0.7,72
5261,2021,188,18,17.4,4.1,230,0.5,75
5261,2021,188,19,17.3,6.2,20,0.5,76
5261,2021,188,20,14.6,3.1,230,0.1,84
5261,2021,188,21,14.2,1.5,210,0.6,90
5261,2021,188,22,14.3,1.2,10,0.8,90
5261,2021,188,23,13.7,2.6,220,0.7,91
5261,2021,189,0,14.2,2.1,220,0.8,89
5261,2021,189,1,14.2,2.1,210,0.8,90
5261,2021,189,2,14.2,2.6,210,0.8,90
5261,2021,189,3,14.2,2.1,210,0.8,91
5261,2021,189,4,14.1,1.5,200,0.8,92
5261,2021,189,5,14.2,1.5,170,0.8,93
5261,2021,189,6,15.3,2.1,180,0.2,89
5261,2021,189,7,16.6,2.6,220,0.5,84
5261,2021,189,8,16.7,3.1,200,0.7,84
5261,2021,189,9,16.6,3.6,200,0.8,82
5261,2021,189,10,16.2,3.1,200,0.2,8,90
5261,2021,189,11,18.3,1.2,10,0.8,82
5261,2021,189,12,18.7,3.6,220,0.7,76
5261,2021,189,13,20.3,3.6,220,0.6,68
5261,2021,189,14,21.4,1.2,20,0.3,66
5261,2021,189,15,17.7,3.6,230,0.7,79
5261,2021,189,16,20.2,3.6,210,0.8,76
5261,2021,189,17,18.1,3.6,230,0.7,82
5261,2021,189,18,17.1,3.1,220,0.6,88
5261,2021,189,19,17.2,2.6,220,0.8,88
5261,2021,189,20,16.2,2.6,240,0.4,90
5261,2021,189,21,14.6,1.2,00,0.0,93
5261,2021,189,22,13.9,1.2,00,0.3,98
5261,2021,189,23,13.1,0.5,220,0.7,98
5261,2021,190,0,13.4,0.5,200,0.7,99
5261,2021,190,1,14.2,1.2,30,0.8,99
5261,2021,190,2,14.1,1.2,30,0.7,99
5261,2021,190,3,14.1,220,0.8,99
5261,2021,190,4,13.9,1.2,20,0.8,99
5261,2021,190,5,14.2,1.2,40,0.7,99
5261,2021,190,6,14.2,1.5,240,0.8,99

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,190,7,14.9,1.5,230,0,8,99
5261,2021,190,8,15.8,1,220,0,8,98
5261,2021,190,9,18.6,2.6,250,0,1,82
5261,2021,190,10,20.3,3.1,250,0,7,74
5261,2021,190,11,21.9,2.6,250,0,5,65
5261,2021,190,12,22.7,3.1,240,0,3,62
5261,2021,190,13,22.6,3.1,230,0,4,56
5261,2021,190,14,21.2,3.1,220,0,7,66
5261,2021,190,15,19.4,3.1,210,0,7,70
5261,2021,190,16,20.2,3.1,230,0,8,62
5261,2021,190,17,20.4,1,250,0,2,60
5261,2021,190,18,18.6,3.6,230,0,0,65
5261,2021,190,19,18.3,1,240,0,2,65
5261,2021,190,20,16.3,2.6,240,0,7,73
5261,2021,190,21,14.7,1.5,240,0,8,80
5261,2021,190,22,13.8,1,220,0,8,87
5261,2021,190,23,13.5,1.5,230,0,8,90
5261,2021,191,0,13.1,1,220,0,8,91
5261,2021,191,1,12.4,1.5,230,0,8,93
5261,2021,191,2,12.3,1,230,0,8,95
5261,2021,191,3,12.3,0.5,210,0,8,95
5261,2021,191,4,12.3,0.5,240,0,7,96
5261,2021,191,5,12.5,0,0,0,8,96
5261,2021,191,6,12.9,0.5,180,0,8,96
5261,2021,191,7,14.1,0.5,50,0,8,85
5261,2021,191,8,14.7,0.5,30,0,2,8,84
5261,2021,191,9,14.6,0.5,30,0,4,8,87
5261,2021,191,10,15.4,1,340,0,2,8,80
5261,2021,191,11,16.2,1,360,0,8,79
5261,2021,191,12,16.2,1,350,0,8,74
5261,2021,191,13,16.4,0.5,340,0,8,75
5261,2021,191,14,17.5,0.5,270,0,8,77
5261,2021,191,15,16.7,2.1,90,0,8,78
5261,2021,191,16,17.3,1,60,0,8,77
5261,2021,191,17,17.6,1,50,0,8,74
5261,2021,191,18,17.8,0.5,50,0,8,74
5261,2021,191,19,18,0.5,240,0,4,73
5261,2021,191,20,15.8,0.5,170,0,6,86
5261,2021,191,21,14.2,1.5,240,0,2,89
5261,2021,191,22,13.1,1,240,0,6,95
5261,2021,191,23,12.3,1.5,240,0,1,95
5261,2021,192,0,11.2,0.5,220,0,3,96
5261,2021,192,1,10.4,0.5,330,0,3,96
5261,2021,192,2,9.9,0.5,240,0,4,97
5261,2021,192,3,10.3,1,260,0,1,99
5261,2021,192,4,9.4,1,240,0,2,97
5261,2021,192,5,10,0,0,0,7,100
5261,2021,192,6,12.3,1,160,0,8,100
5261,2021,192,7,13.6,0.5,140,0,5,100
5261,2021,192,8,15.4,2.1,180,0,5,89
5261,2021,192,9,17.5,2.1,200,0,8,83
5261,2021,192,10,16.5,2.6,210,0,8,82
5261,2021,192,11,18.9,2.6,210,0,7,74
5261,2021,192,12,20.2,6,190,0,8,63
5261,2021,192,13,19.1,3.1,200,0,8,70
5261,2021,192,14,19.1,3.1,200,0,7,67
5261,2021,192,15,19.3,3.1,190,0,8,66
5261,2021,192,16,18.6,3.1,190,0,8,70
5261,2021,192,17,16.7,3.1,210,0,8,76
5261,2021,192,18,15.7,2.1,220,0,7,83
5261,2021,192,19,15.4,1.5,190,0,7,87
5261,2021,192,20,14.6,2.1,190,0,2,8,89
5261,2021,192,21,14.1,1.5,230,0,8,93
5261,2021,192,22,13.9,1,140,1.4,8,95
5261,2021,192,23,13.8,0.5,40,0.4,8,97
5261,2021,193,0,13.6,1,90,0,7,96
5261,2021,193,1,13.6,1,80,0,2,8,98

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,193,2,13.7,1,60,0.6,8,98
5261,2021,193,3,13.5,1.5,60,0.2,8,98
5261,2021,193,4,13.6,2.1,60,0.7,99
5261,2021,193,5,13.7,2.1,70,0.8,99
5261,2021,193,6,13.9,2.1,60,0.4,8,99
5261,2021,193,7,14.6,2.6,40,0.8,97
5261,2021,193,8,15.4,2.6,50,0.8,94
5261,2021,193,9,16.9,2.6,50,0.8,89
5261,2021,193,10,17.4,2.6,50,0.8,88
5261,2021,193,11,18.2,2.6,50,0.8,85
5261,2021,193,12,18.6,2.6,30,0.8,79
5261,2021,193,13,19.1,2.1,30,0.8,76
5261,2021,193,14,19.9,1.5,60,0.7,72
5261,2021,193,15,19.4,2.6,110,0.8,75
5261,2021,193,16,18.6,2.1,80,0.8,83
5261,2021,193,17,17.2,1,320,1.8,93
5261,2021,193,18,16.6,1,320,2.4,8,95
5261,2021,193,19,16,1,300,1.8,8,96
5261,2021,193,20,15.9,1,300,0.4,8,96
5261,2021,193,21,15.6,1,310,0.8,97
5261,2021,193,22,15.1,0.5,20,0.8,97
5261,2021,193,23,15.0,5.350,0.2,8,98
5261,2021,194,0,14.9,0.5,360,0.8,98
5261,2021,194,1,14.8,0.5,320,0.8,98
5261,2021,194,2,14.7,0.5,10,0.8,98
5261,2021,194,3,14.9,0.5,320,0.8,99
5261,2021,194,4,15.1,1,340,0.7,98
5261,2021,194,5,15.3,1,340,0.8,99
5261,2021,194,6,15.9,1,20,0.8,99
5261,2021,194,7,16.7,1.5,350,0.8,95
5261,2021,194,8,16.3,2.1,330,0.8,94
5261,2021,194,9,16.2,2.1,340,0.8,92
5261,2021,194,10,17.9,2.1,350,0.7,88
5261,2021,194,11,20.1,2.6,350,0.7,79
5261,2021,194,12,20.8,2.6,10,0.7,76
5261,2021,194,13,21.9,2.1,350,0.7,67
5261,2021,194,14,22.6,2.6,350,0.7,66
5261,2021,194,15,23.1,2.6,340,0.2,58
5261,2021,194,16,22.6,3.1,350,0.5,60
5261,2021,194,17,22.2,3.6,10,0.6,63
5261,2021,194,18,20.6,3.1,360,0.0,65
5261,2021,194,19,20.1,2.6,10,0.0,67
5261,2021,194,20,18.3,2.6,10,0.0,74
5261,2021,194,21,16.1,1.5,10,0.0,82
5261,2021,194,22,14.7,1,340,0.0,93
5261,2021,194,23,14.7,1,330,0.4,92
5261,2021,195,0,16.2,1,310,0.8,85
5261,2021,195,1,15.7,1,320,0.7,85
5261,2021,195,2,14.5,1,310,0.0,89
5261,2021,195,3,12.8,0.5,310,0.0,94
5261,2021,195,4,14,1,300,0.0,95
5261,2021,195,5,15.1,2.1,310,0.0,92
5261,2021,195,6,16.1,1.5,320,0.0,86
5261,2021,195,7,16.4,2.1,340,0.2,84
5261,2021,195,8,17.5,2.1,320,0.7,79
5261,2021,195,9,19.2,2.6,330,0.7,78
5261,2021,195,10,18.9,2.6,340,0.7,74
5261,2021,195,11,20.1,2.6,330,0.7,70
5261,2021,195,12,21.4,3.1,330,0.3,66
5261,2021,195,13,22.3,2.6,330,0.6,67
5261,2021,195,14,23.5,2.6,340,0.5,62
5261,2021,195,15,23.5,2.6,340,0.7,57
5261,2021,195,16,23.2,2.6,330,0.6,60
5261,2021,195,17,23.7,2.6,330,0.3,54
5261,2021,195,18,23.6,2.6,330,0.1,54
5261,2021,195,19,22.5,2.1,320,0.4,55
5261,2021,195,20,21.2,1,310,0.4,60

Emissions to air risk assessment
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5261,2021,195,21,18.7,1.5,300,0,0,69
5261,2021,195,22,17.7,1.5,300,0,0,73
5261,2021,195,23,16.8,1.5,310,0,0,76
5261,2021,196,0,15.6,1,330,0,0,80
5261,2021,196,1,15.1,1.5,330,0,0,80
5261,2021,196,2,14.6,1.5,340,0,0,82
5261,2021,196,3,14.3,1.5,330,0,0,84
5261,2021,196,4,13.6,1.5,320,0,0,88
5261,2021,196,5,13.5,1,310,0,0,91
5261,2021,196,6,16.2,1,240,0,0,83
5261,2021,196,7,17.7,1,350,0,0,78
5261,2021,196,8,19.9,1.5,340,0,0,73
5261,2021,196,9,21.4,2.6,10,0,3,66
5261,2021,196,10,21.3,3.1,360,0,7,67
5261,2021,196,11,20.8,3.1,350,0,7,70
5261,2021,196,12,20.9,3.1,350,0,8,71
5261,2021,196,13,21.4,3.1,360,0,8,64
5261,2021,196,14,21.5,3.1,360,0,7,61
5261,2021,196,15,21.4,3.6,10,0,8,63
5261,2021,196,16,20.9,3.6,20,0,7,62
5261,2021,196,17,20.1,3.6,20,0,8,67
5261,2021,196,18,19.9,3.1,20,0,8,69
5261,2021,196,19,18.9,4.1,30,0,7,72
5261,2021,196,20,18.1,4.1,30,0,8,74
5261,2021,196,21,16.4,2.6,20,0,3,78
5261,2021,196,22,14.4,1.5,10,0,0,89
5261,2021,196,23,12.6,0.5,360,0,0,95
5261,2021,197,0,12.2,1,350,0,0,96
5261,2021,197,1,11.5,1,360,0,0,95
5261,2021,197,2,10.4,1,350,0,0,93
5261,2021,197,3,9.7,0.5,160,0,0,97
5261,2021,197,4,9.7,0.5,260,0,6,99
5261,2021,197,5,11.4,0.5,320,0,8,98
5261,2021,197,6,13.6,1,360,0,7,90
5261,2021,197,7,14.8,2.6,20,0,7,84
5261,2021,197,8,15.9,3.1,20,0,1,78
5261,2021,197,9,18.1,3.1,30,0,0,68
5261,2021,197,10,20,3.6,30,0,0,60
5261,2021,197,11,22.4,1,30,0,0,52
5261,2021,197,12,23.4,6.30,0,0,44
5261,2021,197,13,23.9,4.1,30,0,0,40
5261,2021,197,14,25.2,4.1,30,0,0,38
5261,2021,197,15,25.5,3.6,20,0,0,39
5261,2021,197,16,25.5,3.6,20,0,0,44
5261,2021,197,17,25.8,3.6,30,0,0,49
5261,2021,197,18,24.8,3.6,30,0,0,49
5261,2021,197,19,23.4,4.1,40,0,0,52
5261,2021,197,20,21.3,1,40,0,0,62
5261,2021,197,21,18,1.5,360,0,0,74
5261,2021,197,22,17.3,1.5,20,0,0,77
5261,2021,197,23,15.8,1.5,50,0,0,84
5261,2021,198,0,14.8,1,60,0,0,89
5261,2021,198,1,13.7,0.5,320,0,0,94
5261,2021,198,2,13.4,1,360,0,0,93
5261,2021,198,3,13.1,1.5,10,0,0,94
5261,2021,198,4,12.2,1,40,0,0,94
5261,2021,198,5,12.8,1.5,30,0,0,96
5261,2021,198,6,16.9,1,50,0,0,84
5261,2021,198,7,18.5,2.1,40,0,0,73
5261,2021,198,8,20,2.6,40,0,0,64
5261,2021,198,9,21.3,4.1,30,0,0,61
5261,2021,198,10,22.4,3.6,40,0,0,58
5261,2021,198,11,23.8,3.1,40,0,0,56
5261,2021,198,12,24.7,3.1,50,0,1,53
5261,2021,198,13,25.3,3.1,40,0,0,54
5261,2021,198,14,26.1,3.1,60,0,0,53
5261,2021,198,15,26.1,2.6,50,0,1,50

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5261,2021,198,16,26.7,2.6,50,0,0,47
5261,2021,198,17,26.5,3.1,60,0,0,48
5261,2021,198,18,26.1,2.6,60,0,0,51
5261,2021,198,19,24.8,2.1,70,0,0,57
5261,2021,198,20,21.9,2.6,90,0,0,69
5261,2021,198,21,19.2,1.5,80,0,0,75
5261,2021,198,22,17.3,1.5,70,0,0,85
5261,2021,198,23,16,0,0,0,91
5261,2021,199,0,14.7,0.5,330,0,0,93
5261,2021,199,1,14.1,0.5,260,0,0,96
5261,2021,199,2,13.5,0.5,260,0,0,96
5261,2021,199,3,12.8,0.5,270,0,0,98
5261,2021,199,4,12.3,0.5,280,0,0,98
5261,2021,199,5,12.3,0.5,280,0,0,99
5261,2021,199,6,15.9,0.5,50,0,0,100
5261,2021,199,7,19.4,0.5,120,0,0,85
5261,2021,199,8,23,0.5,220,0,0,60
5261,2021,199,9,24.8,1,340,0,0,61
5261,2021,199,10,26.3,1,330,0,0,56
5261,2021,199,11,27.6,1,20,0,0,51
5261,2021,199,12,28.6,1.5,300,0,0,48
5261,2021,199,13,29.2,1.5,330,0,0,45
5261,2021,199,14,29.5,1.5,320,0,0,45
5261,2021,199,15,30.5,1.5,290,0,0,45
5261,2021,199,16,29.9,1.5,320,0,0,44
5261,2021,199,17,30.2,1,300,0,0,42
5261,2021,199,18,29.9,1,310,0,1,46
5261,2021,199,19,29.1,1,320,0,4,50
5261,2021,199,20,24.1,1.5,240,0,2,63
5261,2021,199,21,21.6,1.5,200,0,0,71
5261,2021,199,22,19.5,1,210,0,0,75
5261,2021,199,23,17.6,0.5,230,0,0,79
5261,2021,200,0,16.4,0.5,20,0,0,86
5261,2021,200,1,15.4,0.5,280,0,0,90
5261,2021,200,2,14.9,0,0,0,91
5261,2021,200,3,14.4,0.5,260,0,0,93
5261,2021,200,4,13.8,0.5,280,0,0,97
5261,2021,200,5,13.8,0.5,260,0,0,97
5261,2021,200,6,16.5,0,0,0,97
5261,2021,200,7,21.5,0.5,180,0,0,79
5261,2021,200,8,24.5,1.5,200,0,0,69
5261,2021,200,9,26.2,2.1,200,0,0,61
5261,2021,200,10,27.5,2.6,210,0,1,59
5261,2021,200,11,28.9,2.6,210,0,1,55
5261,2021,200,12,28.8,2.1,230,0,2,52
5261,2021,200,13,28.3,2.1,260,0,4,57
5261,2021,200,14,30.3,1,250,0,1,43
5261,2021,200,15,30.1,2.1,260,0,2,46
5261,2021,200,16,30.2,1,280,0,5,41
5261,2021,200,17,26.5,3.6,60,0,6,62
5261,2021,200,18,25.9,3.1,130,0,4,64
5261,2021,200,19,24.9,1.5,180,0,0,66
5261,2021,200,20,21.8,0.5,180,0,0,78
5261,2021,200,21,19.7,0.5,70,0,0,87
5261,2021,200,22,18.6,0.5,60,0,0,92
5261,2021,200,23,17.6,0.5,230,0,0,95
5261,2021,201,0,17.1,0.5,60,0,0,96
5261,2021,201,1,16.5,0.5,80,0,0,98
5261,2021,201,2,15.9,1,60,0,0,97
5261,2021,201,3,15.2,0.5,50,0,0,98
5261,2021,201,4,14.7,0.5,10,0,0,99
5261,2021,201,5,14.6,0.5,10,0,0,99
5261,2021,201,6,16.7,0.5,30,0,0,100
5261,2021,201,7,20.4,0.5,60,0,0,82
5261,2021,201,8,22.5,0.5,110,0,0,69
5261,2021,201,9,25.8,1.5,190,0,0,59
5261,2021,201,10,27.6,1.5,180,0,1,57

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,201,11,28.9,2.1,200,0,1,52
5261,2021,201,12,28.8,2.1,210,0,0,55
5261,2021,201,13,28.6,3.1,210,0,0,50
5261,2021,201,14,29.9,3.1,220,0,1,49
5261,2021,201,15,29.4,3.6,200,0,1,52
5261,2021,201,16,28.3,3.6,190,0,0,55
5261,2021,201,17,27.3,6,200,0,1,54
5261,2021,201,18,25.8,3.1,180,0,2,54
5261,2021,201,19,24.8,2.1,170,0,1,56
5261,2021,201,20,21.8,1.5,190,0,0,64
5261,2021,201,21,19.4,1,230,0,0,76
5261,2021,201,22,17.8,1.5,290,0,0,82
5261,2021,201,23,16.5,1,270,0,0,87
5261,2021,202,0,15.6,0.5,290,0,0,91
5261,2021,202,1,14.9,0.5,310,0,0,94
5261,2021,202,2,14.2,0.5,300,0,0,95
5261,2021,202,3,13.8,0.5,280,0,0,97
5261,2021,202,4,13.4,0,0,0,98
5261,2021,202,5,13.5,0.5,310,0,0,99
5261,2021,202,6,16.4,0,0,0,100
5261,2021,202,7,20.0,5,70,0,0,88
5261,2021,202,8,23.3,0.5,50,0,1,71
5261,2021,202,9,24.8,1,50,0,0,65
5261,2021,202,10,25.4,1.5,40,0,4,62
5261,2021,202,11,27.2,1,20,0,1,60
5261,2021,202,12,28.2,1,20,0,3,54
5261,2021,202,13,28.9,2.1,30,0,3,54
5261,2021,202,14,28.8,2.1,20,0,4,46
5261,2021,202,15,29.3,2.1,20,0,2,47
5261,2021,202,16,29.4,2.1,50,0,1,44
5261,2021,202,17,26.2,2.6,140,0,5,63
5261,2021,202,18,25.6,2.1,220,0,0,66
5261,2021,202,19,24.7,2.6,200,0,6,68
5261,2021,202,20,22.1,2.1,140,0,2,78
5261,2021,202,21,20.2,0.5,220,0,6,87
5261,2021,202,22,20,1,200,0,7,86
5261,2021,202,23,18.2,0.5,300,0,0,92
5261,2021,203,0,16.9,0.5,330,0,0,95
5261,2021,203,1,16.4,0.5,10,0,0,97
5261,2021,203,2,15.9,0.5,20,0,0,97
5261,2021,203,3,15.3,1,50,0,0,97
5261,2021,203,4,14.8,1,20,0,0,98
5261,2021,203,5,14.7,1,20,0,0,99
5261,2021,203,6,16.9,1.5,20,0,0,95
5261,2021,203,7,19.8,1.5,50,0,0,79
5261,2021,203,8,21.4,2.1,70,0,0,72
5261,2021,203,9,23.2,1.5,70,0,0,61
5261,2021,203,10,24.8,2.1,70,0,0,59
5261,2021,203,11,25.5,2.6,70,0,0,52
5261,2021,203,12,26.4,2.6,80,0,0,53
5261,2021,203,13,27.3,3.1,90,0,1,50
5261,2021,203,14,28.1,2.6,80,0,4,46
5261,2021,203,15,27.6,3.1,80,0,1,43
5261,2021,203,16,27.5,3.6,100,0,0,45
5261,2021,203,17,26.6,3.6,90,0,0,48
5261,2021,203,18,25.4,3.6,90,0,0,52
5261,2021,203,19,24.3,1.90,0,0,55
5261,2021,203,20,21.4,2.6,90,0,0,63
5261,2021,203,21,19.1,1.5,80,0,0,74
5261,2021,203,22,17.4,1,70,0,0,83
5261,2021,203,23,16.0,5,30,0,0,90
5261,2021,204,0,15,1,40,0,0,92
5261,2021,204,1,14.6,1,60,0,0,94
5261,2021,204,2,14.2,2.1,70,0,0,93
5261,2021,204,3,14.2,1,50,0,0,95
5261,2021,204,4,13.7,2.1,50,0,0,95
5261,2021,204,5,13.3,2.1,30,0,0,96

5261,2021,204,6,15.6,2.1,50,0,0,90
5261,2021,204,7,16.5,3.6,80,0,1,87
5261,2021,204,8,17.3,4.1,80,0,6,83
5261,2021,204,9,19.9,4.6,70,0,3,69
5261,2021,204,10,21.1,4.6,80,0,1,66
5261,2021,204,11,22.4,5.1,70,0,0,63
5261,2021,204,12,23.2,5.7,80,0,1,62
5261,2021,204,13,23.1,5.7,70,0,0,58
5261,2021,204,14,23.6,5.7,70,0,2,57
5261,2021,204,15,21.5,6.2,70,0,0,60
5261,2021,204,16,20.7,6.2,70,0,2,66
5261,2021,204,17,19.4,6.2,60,0,6,74
5261,2021,204,18,18.6,2.60,0,8,76
5261,2021,204,19,17.2,5.7,60,0,8,77
5261,2021,204,20,16.6,5.1,60,0,8,79
5261,2021,204,21,16.5,4.1,60,0,7,81
5261,2021,204,22,16.4,3.6,40,0,8,85
5261,2021,204,23,16.3,3.6,50,0,8,86
5261,2021,205,0,16.2,5.7,50,0,8,88
5261,2021,205,1,15.9,3.6,70,0,7,89
5261,2021,205,2,16.4,4.1,50,0,7,89
5261,2021,205,3,16.6,4.1,50,0,7,88
5261,2021,205,4,16.6,4.1,40,0,6,88
5261,2021,205,5,16.9,2.6,60,0,8,89
5261,2021,205,6,16.7,3.1,60,0,2,8,92
5261,2021,205,7,17.1,3.6,70,0,8,91
5261,2021,205,8,18.4,3.1,70,0,7,87
5261,2021,205,9,18.1,4.1,80,0,7,85
5261,2021,205,10,19.2,4.1,80,0,8,80
5261,2021,205,11,19.1,2.6,120,0,8,82
5261,2021,205,12,18.3,2.1,150,0,8,87
5261,2021,205,13,20.2,1.5,110,0,7,83
5261,2021,205,14,21.2,6.40,0,8,77
5261,2021,205,15,21.9,3.1,60,0,6,68
5261,2021,205,16,21.6,2.1,80,0,7,69
5261,2021,205,17,22.1,2.1,110,0,1,69
5261,2021,205,18,23.2,2.6,140,0,2,59
5261,2021,205,19,20.5,2.1,180,0,1,65
5261,2021,205,20,17.9,1,230,0,3,80
5261,2021,205,21,15.5,0.5,310,0,1,89
5261,2021,205,22,14.8,0.5,240,0,7,93
5261,2021,205,23,14.5,1,250,0,8,93
5261,2021,206,0,14.6,0.5,10,0,8,97
5261,2021,206,1,15.5,1,40,0,8,98
5261,2021,206,2,15.7,0.5,40,0,8,97
5261,2021,206,3,15.6,1,20,0,8,98
5261,2021,206,4,16.1,30,0,8,98
5261,2021,206,5,16.1,1,10,0,8,98
5261,2021,206,6,16.5,1.5,30,1.4,8,98
5261,2021,206,7,16.7,1,360,1.6,8,98
5261,2021,206,8,17.1,1,10,0.6,8,96
5261,2021,206,9,17.6,1,360,0,8,95
5261,2021,206,10,17.4,1.5,350,0,8,94
5261,2021,206,11,18.2,1,340,0,8,92
5261,2021,206,12,20.1,1.5,10,0,8,86
5261,2021,206,13,19.6,2.1,30,0,8,80
5261,2021,206,14,20.9,2.1,110,0,7,78
5261,2021,206,15,17.6,2.1,330,4.8,8,92
5261,2021,206,16,17.5,1.5,330,8,8,96
5261,2021,206,17,17.5,1,350,6.6,8,98
5261,2021,206,18,17.5,1.5,340,0.8,7,96
5261,2021,206,19,17.5,1.5,10,0,7,96
5261,2021,206,20,17.2,1,360,0,8,96
5261,2021,206,21,16.7,1,350,0,8,96
5261,2021,206,22,16.6,0.5,300,0,8,98
5261,2021,206,23,16.6,0.5,300,0.6,8,98
5261,2021,207,0,16.6,0.5,330,0,8,98

Emissions to air risk assessment
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5261,2021,207,1,16.7,0.5,350,0.8,98
5261,2021,207,2,16.6,0.5,310,0.8,98
5261,2021,207,3,16.5,1,300,0.8,98
5261,2021,207,4,16.2,1,330,0.8,98
5261,2021,207,5,16,1,310,0.8,98
5261,2021,207,6,16.1,0.5,340,0.8,98
5261,2021,207,7,16.8,1,360,0.8,96
5261,2021,207,8,17.7,1,20,0.8,96
5261,2021,207,9,18.8,1,320,0.8,88
5261,2021,207,10,20.2,1,280,0.7,78
5261,2021,207,11,22,1,180,0.7,76
5261,2021,207,12,21.6,1,280,0.7,71
5261,2021,207,13,24.5,2.1,210,0.2,60
5261,2021,207,14,24.2,3.1,200,0.4,68
5261,2021,207,15,22.3,6,200,0.6,72
5261,2021,207,16,21.6,2.6,200,0.8,74
5261,2021,207,17,22.1,3.1,210,0.6,69
5261,2021,207,18,20.8,2.6,200,0.7,73
5261,2021,207,19,20.2,6,210,0.4,77
5261,2021,207,20,18.2,6,210,0.0,84
5261,2021,207,21,16.9,2.6,220,0.0,92
5261,2021,207,22,16.2,2.1,210,0.0,95
5261,2021,207,23,16.3,1.5,230,0.6,97
5261,2021,208,0,16.6,1.5,220,0.8,98
5261,2021,208,1,16.3,1,230,0.8,96
5261,2021,208,2,16.8,2.1,220,0.7,97
5261,2021,208,3,15.2,4.6,240,1.4,7,92
5261,2021,208,4,14.4,3.6,240,0.6,7,96
5261,2021,208,5,14.2,1,270,1.4,8,97
5261,2021,208,6,15.2,1,180,0.8,99
5261,2021,208,7,15.7,2.1,210,0.8,97
5261,2021,208,8,17.1,1,200,0.8,92
5261,2021,208,9,17.9,2.1,210,0.8,86
5261,2021,208,10,19.4,3.1,210,0.8,81
5261,2021,208,11,17.7,3.1,200,0.2,8,86
5261,2021,208,12,16.3,2.6,190,16.8,8,93
5261,2021,208,13,17.9,1.5,190,2.2,7,99
5261,2021,208,14,20.5,2.1,190,0.2,7,92
5261,2021,208,15,20.5,4.1,220,0.7,74
5261,2021,208,16,20.2,5.1,220,0.7,74
5261,2021,208,17,20.4,6,220,0.6,75
5261,2021,208,18,18.2,4.1,210,0.8,78
5261,2021,208,19,17.4,3.1,210,0.7,84
5261,2021,208,20,16.8,3.1,210,0.7,88
5261,2021,208,21,16.1,2.6,200,0.7,92
5261,2021,208,22,16.4,2.1,180,0.8,93
5261,2021,208,23,16.7,2.6,220,0.7,94
5261,2021,209,0,16.7,2.1,220,0.8,94
5261,2021,209,1,16.6,2.6,240,0.8,94
5261,2021,209,2,16.2,3.6,240,0.8,92
5261,2021,209,3,15.9,3.1,250,0.8,92
5261,2021,209,4,15.6,3.1,240,0.8,94
5261,2021,209,5,15.3,2.6,240,0.8,94
5261,2021,209,6,15.7,3.1,240,0.8,92
5261,2021,209,7,17.1,3.6,250,0.8,87
5261,2021,209,8,17.2,4.1,250,0.7,80
5261,2021,209,9,18.4,1,240,0.8,75
5261,2021,209,10,18.5,4.6,240,0.7,71
5261,2021,209,11,17.3,4.6,250,0.7,87
5261,2021,209,12,19.3,6.2,230,0.6,66
5261,2021,209,13,20.5,7.2,230,0.6,65
5261,2021,209,14,20.3,7.2,230,0.7,58
5261,2021,209,15,20.1,7.2,230,0.5,62
5261,2021,209,16,18.3,7.2,230,0.6,65
5261,2021,209,17,18.5,7.2,230,0.5,64
5261,2021,209,18,18.6,7.230,0.0,70
5261,2021,209,19,15.1,6.2,240,0.8,7,87

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5261,2021,209,20,14.8,4.1,230,0,3,87
5261,2021,209,21,14.8,3.6,230,0,4,4,89
5261,2021,209,22,12.1,3.1,240,5,2,93
5261,2021,209,23,11.9,2.1,240,0,0,96
5261,2021,210,0,12.1,2.6,240,0,2,5,94
5261,2021,210,1,11.8,3.1,240,0,1,91
5261,2021,210,2,11.2,6,250,0,0,94
5261,2021,210,3,11.1,1,240,0,7,97
5261,2021,210,4,12.1,2.6,240,0,7,94
5261,2021,210,5,12.4,2.6,240,0,7,94
5261,2021,210,6,12.8,2.6,240,0,8,93
5261,2021,210,7,13.7,3.1,240,0,8,90
5261,2021,210,8,15.7,4.6,250,0,1,80
5261,2021,210,9,17.2,4.6,250,0,2,69
5261,2021,210,10,17.6,4.6,250,0,6,60
5261,2021,210,11,18.5,5.1,250,0,1,51
5261,2021,210,12,19.7,4.1,260,0,3,49
5261,2021,210,13,19.5,4.6,260,0,4,53
5261,2021,210,14,20.1,5.1,240,0,3,59
5261,2021,210,15,19.7,5.1,230,0,6,70
5261,2021,210,16,19.4,5.1,230,0,6,58
5261,2021,210,17,18.6,5.1,240,0,1,58
5261,2021,210,18,17.5,4.6,230,0,3,67
5261,2021,210,19,16.5,3.1,230,0,7,68
5261,2021,210,20,15.1,2.6,230,0,7,72
5261,2021,210,21,13.8,1.5,220,0,2,84
5261,2021,210,22,13.8,1,220,0,7,88
5261,2021,210,23,13.7,0.5,190,0,8,91
5261,2021,211,0,14.1,1,170,0,8,91
5261,2021,211,1,14.6,2.1,150,0,8,86
5261,2021,211,2,14.5,2.6,150,0,8,88
5261,2021,211,3,15.1,2.6,160,0,8,90
5261,2021,211,4,14.7,3.1,180,2.4,8,97
5261,2021,211,5,14.9,3.6,190,0,2,8,94
5261,2021,211,6,13.7,3.6,200,0,6,92
5261,2021,211,7,14.9,3.6,200,0,7,87
5261,2021,211,8,14.6,5.1,190,0,2,8,91
5261,2021,211,9,14.5,5.7,200,0,2,8,93
5261,2021,211,10,15.1,5.1,210,0,2,8,91
5261,2021,211,11,15.6,5.7,210,0,2,8,90
5261,2021,211,12,18.4,6.7,210,0,8,81
5261,2021,211,13,18.7,2.2,220,0,2,3,85
5261,2021,211,14,16.7,6.2,230,0,2,7,86
5261,2021,211,15,17.1,5.7,240,6.2,3,83
5261,2021,211,16,17.2,5.7,250,0,7,74
5261,2021,211,17,18.4,5.1,270,0,6,65
5261,2021,211,18,17.8,4.1,260,0,7,70
5261,2021,211,19,17.1,4.1,270,0,5,68
5261,2021,211,20,16.4,3.6,270,0,8,70
5261,2021,211,21,14.6,2.6,250,0,4,84
5261,2021,211,22,14.6,3.1,240,0,7,86
5261,2021,211,23,13.9,3.6,250,0,3,90
5261,2021,212,0,13.9,3.1,250,0,4,92
5261,2021,212,1,13.2,6,250,0,0,94
5261,2021,212,2,12.7,2.1,240,0,2,96
5261,2021,212,3,12.6,2.1,240,0,2,96
5261,2021,212,4,12.3,2.1,240,0,4,98
5261,2021,212,5,12.7,2.1,240,0,4,99
5261,2021,212,6,13.6,3.1,250,0,6,95
5261,2021,212,7,15.2,6,260,0,8,89
5261,2021,212,8,15.8,2.6,250,0,8,85
5261,2021,212,9,17.4,2.6,260,0,8,82
5261,2021,212,10,18.6,2.6,270,0,8,77
5261,2021,212,11,18.9,3.1,260,0,6,71
5261,2021,212,12,19.7,3.1,270,0,8,68
5261,2021,212,13,19.8,3.1,250,0,7,66
5261,2021,212,14,18.3,1.2,240,1.2,8,81

Emissions to air risk assessment
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5261,2021,212,15,16.9,2.6,290,0,7,82
5261,2021,212,16,16.5,1.5,260,2.8,7,95
5261,2021,212,17,17.2,1.5,220,0,8,89
5261,2021,212,18,15.9,1,230,1.6,7,95
5261,2021,212,19,15.9,1,210,0,8,94
5261,2021,212,20,15.6,1.5,260,0,8,95
5261,2021,212,21,14.7,2.1,260,2.8,97
5261,2021,212,22,14.3,1.5,250,0.2,8,97
5261,2021,212,23,13.9,1.5,250,0,6,98
5261,2021,213,0,13.8,1.5,240,0,8,98
5261,2021,213,1,13.7,1.5,250,0,8,97
5261,2021,213,2,13.6,1,240,0,8,96
5261,2021,213,3,13.6,1,250,0,8,96
5261,2021,213,4,13.3,1,220,0,8,98
5261,2021,213,5,13.4,1,210,0,8,98
5261,2021,213,6,13.8,1,230,0,8,98
5261,2021,213,7,14.2,1.5,240,0,8,98
5261,2021,213,8,14.9,1,260,0.2,8,97
5261,2021,213,9,15.5,1.5,250,0.4,8,95
5261,2021,213,10,17.3,1,260,0,8,90
5261,2021,213,11,19.2,1.5,270,0,7,73
5261,2021,213,12,19.3,1.5,290,0,8,73
5261,2021,213,13,19.9,1.5,280,0,8,71
5261,2021,213,14,19.9,1.5,270,0,8,67
5261,2021,213,15,19.3,1.5,230,0,8,71
5261,2021,213,16,17.5,1.5,310,0.6,8,86
5261,2021,213,17,16.6,1.5,250,2.8,95
5261,2021,213,18,16,1,250,1.8,94
5261,2021,213,19,15.6,1,240,5.7,97
5261,2021,213,20,15.4,0.5,150,0.2,8,98
5261,2021,213,21,15.1,2.6,70.5,2.8,97
5261,2021,213,22,14.2,2.1,50,0.2,8,95
5261,2021,213,23,13,1,50,0,6,95
5261,2021,214,0,12.9,1,20,0,8,98
5261,2021,214,1,12.6,1,360,0,8,98
5261,2021,214,2,11.8,1,360,0,7,98
5261,2021,214,3,11.1,0.5,10,0,4,99
5261,2021,214,4,10.3,0.5,340,0,5,99
5261,2021,214,5,10.4,1,340,0,2,99
5261,2021,214,6,10.3,0.5,40,0,2,99
5261,2021,214,7,13.1,1,150,0,7,100
5261,2021,214,8,14.3,1.5,90,0,8,96
5261,2021,214,9,15.3,2.1,110,0,8,88
5261,2021,214,10,17.2,2.1,120,0,8,78
5261,2021,214,11,17.4,2.6,130,0,8,75
5261,2021,214,12,17.5,2.6,160,0,8,71
5261,2021,214,13,17.5,2.6,160,0,8,71
5261,2021,214,14,16.6,3.1,160,0,7,66
5261,2021,214,15,16.3,2.6,160,0,8,74
5261,2021,214,16,16.9,2.1,170,0,8,75
5261,2021,214,17,15.8,1.5,180,0,8,74
5261,2021,214,18,15.8,1,170,0,8,78
5261,2021,214,19,15.6,1,160,0,8,84
5261,2021,214,20,14.7,1,180,0,8,88
5261,2021,214,21,14.3,1.5,210,0,8,89
5261,2021,214,22,13.3,1,190,0,8,92
5261,2021,214,23,12.5,0.5,180,0,8,93
5261,2021,215,0,11.9,0.5,290,0,8,96
5261,2021,215,1,10.5,0.5,270,0,1,96
5261,2021,215,2,9.9,0.5,260,0,6,97
5261,2021,215,3,9.1,0.5,310,0,0,97
5261,2021,215,4,8.3,0.5,350,0,6,99
5261,2021,215,5,8.7,0.5,120,0,8,99
5261,2021,215,6,10.4,0.5,300,0,7,100
5261,2021,215,7,12.5,0.5,10,0,7,100
5261,2021,215,8,16.1,1,70,0,2,92
5261,2021,215,9,17.8,2.1,80,0,1,66

Emissions to air risk assessment
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5261,2021,215,10,18.9,2.1,60,0,6,63
5261,2021,215,11,20,1.5,140,0,4,52
5261,2021,215,12,19.2,2.1,80,0,7,57
5261,2021,215,13,19.3,2.1,140,0,8,61
5261,2021,215,14,19.4,2.1,170,0,8,62
5261,2021,215,15,18.9,2.1,180,0,7,64
5261,2021,215,16,17,1.5,130,0,4,8,87
5261,2021,215,17,17.5,1,10,0,2,7,84
5261,2021,215,18,18.7,1,70,0,7,71
5261,2021,215,19,16.5,2.1,170,0,5,76
5261,2021,215,20,14.9,1,190,0,5,82
5261,2021,215,21,13.6,1,220,0,7,88
5261,2021,215,22,12.2,0.5,230,0,2,94
5261,2021,215,23,11,0,0,0,0,94
5261,2021,216,0,10.4,0.5,310,0,3,97
5261,2021,216,1,9.8,0.5,320,0,2,97
5261,2021,216,2,9.3,0.5,340,0,7,99
5261,2021,216,3,10.6,0.5,320,0,8,100
5261,2021,216,4,10.6,0.5,360,0,8,99
5261,2021,216,5,9.6,0.5,320,0,8,99
5261,2021,216,6,11.1,0.5,20,0,8,100
5261,2021,216,7,13.2,0.5,70,0,8,100
5261,2021,216,8,16,1.5,60,0,8,89
5261,2021,216,9,16.4,1.5,80,0,8,78
5261,2021,216,10,18,1.5,160,0,8,71
5261,2021,216,11,18.2,1.5,120,0,8,68
5261,2021,216,12,18.8,1.5,90,0,8,70
5261,2021,216,13,20.1,1.5,90,0,8,61
5261,2021,216,14,21.1,1.5,90,0,5,58
5261,2021,216,15,19.9,1.5,140,0,5,60
5261,2021,216,16,19,1.5,120,0,2,66
5261,2021,216,17,21.3,1.5,110,0,7,63
5261,2021,216,18,20.1,2.1,210,0,1,62
5261,2021,216,19,17.8,2.6,220,0,0,72
5261,2021,216,20,15,1.5,220,0,0,83
5261,2021,216,21,13.8,1.5,220,0,0,88
5261,2021,216,22,12.3,1,220,0,0,96
5261,2021,216,23,11.4,1,260,0,0,96
5261,2021,217,0,10.5,0,0,0,0,96
5261,2021,217,1,10.3,0,0,0,1,97
5261,2021,217,2,10.6,0.5,260,0,7,99
5261,2021,217,3,9.9,0.5,220,0,8,97
5261,2021,217,4,10.5,0,0,0,8,99
5261,2021,217,5,10.1,0,0,0,7,99
5261,2021,217,6,10.7,0,0,0,1,99
5261,2021,217,7,15.2,0.5,170,0,0,100
5261,2021,217,8,16.8,3.1,200,0,7,82
5261,2021,217,9,19.1,3.6,180,0,5,70
5261,2021,217,10,20.5,4.1,180,0,7,75
5261,2021,217,11,19.7,4.6,180,0,7,68
5261,2021,217,12,19.1,4.6,180,0,8,70
5261,2021,217,13,19.4,6,170,0,8,65
5261,2021,217,14,19.4,6,180,0,8,70
5261,2021,217,15,17.4,6,180,0,8,88
5261,2021,217,16,16.4,4.6,160,1,8,95
5261,2021,217,17,16.3,4.1,160,2.6,8,98
5261,2021,217,18,16.4,4.1,170,1.4,8,98
5261,2021,217,19,16.3,4.1,200,0.6,8,97
5261,2021,217,20,15.8,3.6,210,0.8,8,97
5261,2021,217,21,15.6,3.1,210,0.2,8,97
5261,2021,217,22,15.5,2.6,220,0.8,96
5261,2021,217,23,15.6,3.1,220,0.8,96
5261,2021,218,0,15.5,3.1,210,0.8,95
5261,2021,218,1,15.4,2.6,210,0.8,95
5261,2021,218,2,15.1,3.1,220,0.7,93
5261,2021,218,3,15.1,2.6,210,0.8,94
5261,2021,218,4,15.3,3.1,220,0.8,97

5261,2021,218,5,15.3,3.6,230,0,8,97
 5261,2021,218,6,15.5,3.1,230,0,2,8,96
 5261,2021,218,7,16.3,3.1,240,0,8,94
 5261,2021,218,8,16.7,3.6,230,0,8,91
 5261,2021,218,9,16.7,4.6,240,0,6,8,94
 5261,2021,218,10,18.7,4.6,250,0,6,84
 5261,2021,218,11,19.7,5.1,250,0,2,7,73
 5261,2021,218,12,18.8,5.7,240,0,4,76
 5261,2021,218,13,20.1,5.7,240,0,6,73
 5261,2021,218,14,19.6,6.7,240,0,7,71
 5261,2021,218,15,19.6,7,240,0,7,69
 5261,2021,218,16,19.6,6.2,240,0,7,71
 5261,2021,218,17,18.7,6.2,230,0,1,64
 5261,2021,218,18,16.8,6.2,230,0,3,71
 5261,2021,218,19,16.1,5.1,230,0,3,75
 5261,2021,218,20,14.9,4.6,230,0,0,79
 5261,2021,218,21,14.3,3.6,230,0,3,83
 5261,2021,218,22,13.2,2.6,220,0,0,87
 5261,2021,218,23,13.1,5.2,200,0,6,94
 5261,2021,219,0,13.2,2.1,210,0,1,93
 5261,2021,219,1,13.8,2.6,210,0,6,93
 5261,2021,219,2,14.3,2.1,200,0,8,91
 5261,2021,219,3,14.6,2.1,200,0,8,90
 5261,2021,219,4,14.4,2.6,190,0,2,8,94
 5261,2021,219,5,14.3,3.1,210,0,6,8,94
 5261,2021,219,6,14.2,2.1,220,0,8,93
 5261,2021,219,7,14.7,1.5,270,0,4,8,94
 5261,2021,219,8,15.4,2.6,190,0,8,95
 5261,2021,219,9,15.2,3.1,180,0,8,8,93
 5261,2021,219,10,15.7,4.1,190,0,8,7,90
 5261,2021,219,11,18.1,3.1,240,0,7,95
 5261,2021,219,12,18.9,4.1,220,0,5,80
 5261,2021,219,13,18.3,5.1,220,0,6,75
 5261,2021,219,14,18.1,5.1,220,0,7,73
 5261,2021,219,15,18.7,4.6,210,0,7,79
 5261,2021,219,16,18.3,3.6,220,0,2,84
 5261,2021,219,17,17.4,3.6,240,0,7,92
 5261,2021,219,18,16.7,4.1,240,0,2,8,90
 5261,2021,219,19,16.7,4.6,250,0,2,78
 5261,2021,219,20,15.6,4.1,250,0,2,84
 5261,2021,219,21,14.4,3.1,240,0,4,88
 5261,2021,219,22,14.3,2.6,230,0,7,90
 5261,2021,219,23,14.2,3.6,240,0,2,84
 5261,2021,220,0,13.8,4.1,240,0,1,85
 5261,2021,220,1,13.6,4.6,240,0,1,87
 5261,2021,220,2,13.2,4.6,240,0,0,88
 5261,2021,220,3,13.2,4.1,240,0,0,88
 5261,2021,220,4,12.7,4.1,230,0,0,90
 5261,2021,220,5,13.1,2.6,230,0,4,91
 5261,2021,220,6,13.8,3.6,230,0,0,89
 5261,2021,220,7,15.7,4.1,230,0,2,83
 5261,2021,220,8,15.7,5.1,230,0,7,82
 5261,2021,220,9,14.7,4.6,240,0,6,8,91
 5261,2021,220,10,14.6,5.1,240,0,2,8,91
 5261,2021,220,11,15.4,5.1,230,0,6,8,96
 5261,2021,220,12,16.8,4.6,240,0,8,84
 5261,2021,220,13,18.5,1.240,0,8,75
 5261,2021,220,14,19.1,5.7,240,0,8,71
 5261,2021,220,15,17.9,5.7,240,0,8,76
 5261,2021,220,16,16.6,5.1,240,0,8,7,85
 5261,2021,220,17,17.8,4.1,240,0,4,77
 5261,2021,220,18,16.8,4.6,240,0,3,80
 5261,2021,220,19,16.3,4.1,240,0,6,81
 5261,2021,220,20,15.1,3.1,230,0,5,86
 5261,2021,220,21,14.3,3.1,230,0,6,89
 5261,2021,220,22,13.4,2.6,230,0,1,91
 5261,2021,220,23,12.8,1.5,210,0,7,94

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,221,0,12.8,1,210,0,7,95
5261,2021,221,1,12.5,1,210,0,7,95
5261,2021,221,2,13.7,2.1,210,1.2,8,98
5261,2021,221,3,13.6,2.1,230,4,8,98
5261,2021,221,4,14.3,3.6,230,2.8,8,97
5261,2021,221,5,13.9,3.1,220,3,8,98
5261,2021,221,6,13.8,3.6,230,5,8,98
5261,2021,221,7,14.2,6,230,2.6,8,98
5261,2021,221,8,14.3,3.1,230,0.8,7,99
5261,2021,221,9,15.8,3.1,220,0,8,98
5261,2021,221,10,18.5,4.1,230,0,7,89
5261,2021,221,11,18.2,4.6,240,0,0,78
5261,2021,221,12,18.8,3.6,230,0,4,76
5261,2021,221,13,17.3,4.1,230,0.2,6,85
5261,2021,221,14,18.3,3.6,240,1.2,7,89
5261,2021,221,15,18.4,5.1,230,0,7,75
5261,2021,221,16,18.2,5.1,230,0,7,76
5261,2021,221,17,17.8,5.1,230,0,7,77
5261,2021,221,18,17.2,4.1,240,0,8,78
5261,2021,221,19,16.4,3.6,240,0,5,81
5261,2021,221,20,15.6,2.6,230,0,7,86
5261,2021,221,21,14.2,2.1,230,0,2,90
5261,2021,221,22,13.3,1.5,230,0,3,94
5261,2021,221,23,14.2,1,230,0,7,97
5261,2021,222,0,14.3,2.6,240,0,7,96
5261,2021,222,1,14.2,2.6,240,0,8,95
5261,2021,222,2,14.1,2.1,240,0,8,97
5261,2021,222,3,13.6,2.6,250,0,4,95
5261,2021,222,4,13.9,2.1,250,0,7,95
5261,2021,222,5,13.6,1.5,250,0,8,95
5261,2021,222,6,13.3,1,220,0,7,95
5261,2021,222,7,14.5,1.5,220,0,8,92
5261,2021,222,8,15.6,2.6,260,0,3,88
5261,2021,222,9,17.8,2.6,260,0,0,77
5261,2021,222,10,19.4,3.6,250,0,1,67
5261,2021,222,11,20.7,2.6,260,0,0,61
5261,2021,222,12,21.5,3.1,240,0,1,59
5261,2021,222,13,21.8,3.1,250,0,2,53
5261,2021,222,14,22.8,3.1,250,0,3,60
5261,2021,222,15,23.1,3.1,230,0,3,60
5261,2021,222,16,22.2,2.6,230,0,3,57
5261,2021,222,17,22.3,1,240,0,3,61
5261,2021,222,18,20.6,3.6,220,0,0,66
5261,2021,222,19,18.4,3.6,220,0,0,73
5261,2021,222,20,16.2,6,220,0,0,83
5261,2021,222,21,14.9,2.1,230,0,0,90
5261,2021,222,22,14.2,2.1,230,0,0,92
5261,2021,222,23,12.9,0.5,250,0,0,94
5261,2021,223,0,12.5,1,220,0,0,98
5261,2021,223,1,11.7,1,230,0,0,96
5261,2021,223,2,11.4,0.5,220,0,2,98
5261,2021,223,3,11.6,1,230,0,2,99
5261,2021,223,4,11.5,1.5,230,0,6,99
5261,2021,223,5,11.6,1,250,0,6,99
5261,2021,223,6,12.3,1.5,240,0,1,99
5261,2021,223,7,13.4,1.5,240,0,4,99
5261,2021,223,8,16.7,1.5,230,0,6,92
5261,2021,223,9,18.5,3.1,230,0,7,83
5261,2021,223,10,18.9,3.1,220,0,7,79
5261,2021,223,11,20.2,3.1,210,0,5,83
5261,2021,223,12,22.1,2.6,210,0,3,64
5261,2021,223,13,23.3,1,190,0,5,63
5261,2021,223,14,22.7,3.6,200,0,4,65
5261,2021,223,15,21.7,4.1,220,0,0,62
5261,2021,223,16,20.9,4.1,220,0,0,59
5261,2021,223,17,20.5,3.6,220,0,0,60
5261,2021,223,18,18.9,3.1,210,0,0,64

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,223,19,16.8,2.6,220,0,0,70
5261,2021,223,20,15.4,2.6,220,0,7,80
5261,2021,223,21,14.4,2.6,220,0,1,89
5261,2021,223,22,14.1,2.6,230,0,0,90
5261,2021,223,23,13.7,2.1,250,0,1,91
5261,2021,224,0,14.2,1.5,250,0,7,92
5261,2021,224,1,14.1,2.1,240,0,4,93
5261,2021,224,2,14.8,2.6,230,0,6,97
5261,2021,224,3,15.4,2.1,220,0,8,94
5261,2021,224,4,15.8,2.1,220,0,8,94
5261,2021,224,5,15.9,2.1,210,0,8,96
5261,2021,224,6,16.4,1.5,200,0,8,96
5261,2021,224,7,16.9,2.1,190,0,8,96
5261,2021,224,8,17.7,2.1,180,0,8,93
5261,2021,224,9,18.9,2.6,210,0,8,88
5261,2021,224,10,18.6,3.1,220,0,8,85
5261,2021,224,11,19.1,3.1,230,0,8,82
5261,2021,224,12,19.7,3.6,210,0,7,79
5261,2021,224,13,20.8,4.1,220,0,8,75
5261,2021,224,14,19.5,4.1,220,0,7,76
5261,2021,224,15,20.6,4.1,220,0,8,75
5261,2021,224,16,21.1,4.1,220,0,7,70
5261,2021,224,17,20.6,4.1,220,0,1,70
5261,2021,224,18,18.7,4.1,240,0,1,75
5261,2021,224,19,18.3,3.1,230,0,0,72
5261,2021,224,20,16.3,2.6,230,0,0,78
5261,2021,224,21,15.2,1.5,240,0,0,84
5261,2021,224,22,12.9,1,250,0,3,89
5261,2021,224,23,13.3,1.5,230,0,0,96
5261,2021,225,0,12.8,1.5,220,0,0,98
5261,2021,225,1,12.4,2.1,230,0,0,98
5261,2021,225,2,11.7,2.1,240,0,0,98
5261,2021,225,3,12.1,5,230,0,0,98
5261,2021,225,4,11.7,1,240,0,1,99
5261,2021,225,5,12.3,1.5,230,0,5,99
5261,2021,225,6,13.1,2.6,230,0,4,99
5261,2021,225,7,14.1,2.6,220,0,6,99
5261,2021,225,8,15.5,2.6,220,0,7,97
5261,2021,225,9,16.9,3.1,220,0,7,89
5261,2021,225,10,17.6,3.6,230,0,8,81
5261,2021,225,11,19.3,6,250,0,8,75
5261,2021,225,12,20.1,4.1,240,0,7,72
5261,2021,225,13,20.3,3.6,240,0,7,73
5261,2021,225,14,21,3.6,230,0,7,71
5261,2021,225,15,20.4,4.1,230,0,8,73
5261,2021,225,16,20.3,4.1,240,0,8,74
5261,2021,225,17,20.6,3.6,230,0,7,71
5261,2021,225,18,19.5,4.1,230,0,7,75
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5261,2021,225,20,16.3,3.1,240,0,5,86
5261,2021,225,21,15.2,1,240,0,2,91
5261,2021,225,22,15.3,2.1,250,0,7,92
5261,2021,225,23,15.3,2.1,250,0,8,92
5261,2021,226,0,14.6,1.5,230,0,7,94
5261,2021,226,1,13.6,1.5,230,0,1,96
5261,2021,226,2,13.7,2.1,230,0,0,98
5261,2021,226,3,13.7,2.1,240,0,0,98
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5261,2021,226,7,14.8,1.5,230,0,8,99
5261,2021,226,8,16.3,2.1,230,0,8,96
5261,2021,226,9,18.7,2.6,230,0,8,86
5261,2021,226,10,20.5,3.1,230,0,7,77
5261,2021,226,11,20.8,4.1,230,0,7,68
5261,2021,226,12,22.9,4.6,220,0,6,67
5261,2021,226,13,22.9,4.1,220,0,6,62

5261,2021,226,14,22.7,4.1,220,0,5,60
 5261,2021,226,15,22.8,4.1,210,0,1,60
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 5261,2021,226,17,21.6,4.1,220,0,0,64
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 5261,2021,226,20,16.4,2.6,220,0,5,83
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 5261,2021,226,22,14.7,1.5,240,0,7,92
 5261,2021,226,23,14.2,1.5,230,0,8,95
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 5261,2021,227,7,15.8,2.1,240,0,8,92
 5261,2021,227,8,17.6,2.6,240,0,6,89
 5261,2021,227,9,19.2,2.6,210,0,8,81
 5261,2021,227,10,18.1,2.6,230,0,7,89
 5261,2021,227,11,18.1,3.1,220,0,8,92
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 5261,2021,227,16,20.7,5.1,250,0,6,67
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 5261,2021,227,19,16.7,4.6,240,0,7,79
 5261,2021,227,20,16.3,4.1,240,0,8,83
 5261,2021,227,21,16.2,6.230,0,8,88
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 5261,2021,228,0,15.6,2.6,250,0,8,92
 5261,2021,228,1,15.6,2.6,260,0,8,92
 5261,2021,228,2,14.9,2.6,290,0,8,84
 5261,2021,228,3,14.6,2.6,320,0,8,80
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 5261,2021,228,5,12.6,1.5,300,0,0,86
 5261,2021,228,6,12.9,2.1,300,0,0,82
 5261,2021,228,7,14.1,2.6,290,0,0,77
 5261,2021,228,8,14.8,2.6,300,0,6,74
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 5261,2021,228,11,16.9,3.1,300,0,7,66
 5261,2021,228,12,18.2,6.300,0,7,62
 5261,2021,228,13,18.7,2.6,310,0,7,61
 5261,2021,228,14,17.9,2.6,330,0,7,62
 5261,2021,228,15,18.7,2.6,300,0,7,59
 5261,2021,228,16,18.4,2.6,310,0,7,59
 5261,2021,228,17,18.2,1,320,0,7,60
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 5261,2021,228,23,11.5,1.5,270,0,1,86
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 5261,2021,229,4,9.8,1.5,240,0,6,100
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 5261,2021,229,6,12.2,1,260,0,8,93
 5261,2021,229,7,12.7,2.1,240,0,8,90
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 5261,2021,229,19,17.1,1,310,0,7,82
 5261,2021,229,20,16.8,1,280,0,8,80
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 5261,2021,229,22,16.8,1.5,270,0,8,78
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 5261,2021,230,3,15.2,2.6,260,0,8,93
 5261,2021,230,4,14.9,2.1,250,0,8,97
 5261,2021,230,5,14.8,1.5,250,0,8,94
 5261,2021,230,6,15.3,2.1,260,0,8,94
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 5261,2021,230,8,17.3,2.6,260,0,8,86
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 5261,2021,230,10,17.9,3.1,260,0,8,84
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 5261,2021,230,15,20.4,4.1,270,0,8,71
 5261,2021,230,16,20.8,3.6,270,0,7,68
 5261,2021,230,17,20.4,1,270,0,6,71
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 5261,2021,230,19,17.4,3.1,270,0,0,77
 5261,2021,230,20,15.9,3.1,260,0,0,80
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5261,2021,232,4,14.7,1.5,260,0,5,93
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 5261,2021,232,8,17.2,2.1,250,0,5,83
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 5261,2021,233,2,14.5,0.5,180,0,8,97
 5261,2021,233,3,13.9,0,0,8,96
 5261,2021,233,4,13.6,0,0,8,98
 5261,2021,233,5,13.5,0.5,60,0,8,99
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 5261,2021,233,13,19.6,2.1,140,0,2,7,86
 5261,2021,233,14,20.3,2.6,160,0,8,78
 5261,2021,233,15,20.4,3.1,170,0,8,78
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 5261,2021,233,23,14.6,0.5,250,0,7,99
 5261,2021,234,0,15.5,0.5,360,0,8,98
 5261,2021,234,1,15.7,0.5,290,0,8,99
 5261,2021,234,2,15.7,1,240,0,8,98
 5261,2021,234,3,16.2,1.5,260,0,8,96
 5261,2021,234,4,16.1,2.6,280,0,8,88
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 5261,2021,234,8,15.2,2.1,270,0,7,91
 5261,2021,234,9,18.1,2.1,290,0,4,81
 5261,2021,234,10,19.2,2.6,310,0,7,74
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 5261,2021,234,19,17.7,3.1,30,0,8,85
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 5261,2021,235,2,16,1,350,0,7,96
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 5261,2021,235,12,18.3,2.6,10,0,8,75
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 5261,2021,235,14,19.7,3.1,360,0,7,66
 5261,2021,235,15,20.1,2.6,10,0,6,64
 5261,2021,235,16,20.5,2.6,360,0,2,61
 5261,2021,235,17,20.3,2.6,360,0,1,56
 5261,2021,235,18,19.5,2.6,10,0,3,60
 5261,2021,235,19,17.5,2.6,20,0,0,65
 5261,2021,235,20,15.2,1.20,0,2,75
 5261,2021,235,21,12.9,1.5,30,0,0,87
 5261,2021,235,22,13.2,1.30,0,0,85
 5261,2021,235,23,12.5,2.6,30,0,0,86
 5261,2021,236,0,12.3,2.1,10,0,0,88
 5261,2021,236,1,11.2,1.5,20,0,0,92
 5261,2021,236,2,12.8,2.6,20,0,6,94
 5261,2021,236,3,12.9,3.1,20,0,4,94
 5261,2021,236,4,13.3,2.6,30,0,7,95
 5261,2021,236,5,13.5,3.6,40,0,8,92
 5261,2021,236,6,13.5,2.6,40,0,8,94
 5261,2021,236,7,14.6,2.6,30,0,8,91
 5261,2021,236,8,16.2,2.6,30,0,8,86
 5261,2021,236,9,17.5,4.1,40,0,7,80
 5261,2021,236,10,19.3,5.1,50,0,4,71
 5261,2021,236,11,20.6,5.1,50,0,4,66
 5261,2021,236,12,20.7,5.7,60,0,4,59
 5261,2021,236,13,21.7,5.1,60,0,3,56
 5261,2021,236,14,21.4,5.7,70,0,3,52
 5261,2021,236,15,21.9,5.1,70,0,1,52
 5261,2021,236,16,21.3,5.1,70,0,0,50
 5261,2021,236,17,20.5,4.6,60,0,0,52
 5261,2021,236,18,18.8,5.1,70,0,0,63
 5261,2021,236,19,16.6,4.6,60,0,0,68
 5261,2021,236,20,15.1,3.1,60,0,0,77
 5261,2021,236,21,13.9,2.6,40,0,0,82
 5261,2021,236,22,12.3,2.1,30,0,0,89
 5261,2021,236,23,12.6,2.1,30,0,0,90
 5261,2021,237,0,12.8,2.6,20,0,0,90
 5261,2021,237,1,12.3,2.1,20,0,0,92
 5261,2021,237,2,12,1.5,10,0,0,95
 5261,2021,237,3,11.9,1.5,10,0,0,96
 5261,2021,237,4,11.8,1.5,10,0,3,98
 5261,2021,237,5,11,1,360,0,0,98
 5261,2021,237,6,12.4,1.5,360,0,0,99
 5261,2021,237,7,13.9,2.6,20,0,3,93
 5261,2021,237,8,15.4,4.1,30,0,4,88
 5261,2021,237,9,17.2,4.1,40,0,4,77
 5261,2021,237,10,17.6,4.6,40,0,6,72
 5261,2021,237,11,19.4,4.1,40,0,7,66
 5261,2021,237,12,19.4,3.6,40,0,6,66
 5261,2021,237,13,20.8,3.6,40,0,6,60
 5261,2021,237,14,20.7,3.1,30,0,5,59
 5261,2021,237,15,21.6,3.6,30,0,0,51
 5261,2021,237,16,22.3,3.1,40,0,0,50
 5261,2021,237,17,21.6,3.6,30,0,0,55

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,237,18,19.9,3.6,20,0,0,60
5261,2021,237,19,17.8,3.1,20,0,0,69
5261,2021,237,20,16.2,2.6,20,0,0,75
5261,2021,237,21,14.5,2.6,30,0,0,81
5261,2021,237,22,14.7,2.1,20,0,5,83
5261,2021,237,23,15.3,1.5,10,0,8,83
5261,2021,238,0,15.9,1.5,20,0,8,81
5261,2021,238,1,16,1.5,20,0,8,82
5261,2021,238,2,16,1.5,10,0,8,82
5261,2021,238,3,16,2.1,10,0,8,84
5261,2021,238,4,15.9,2.1,10,0,8,84
5261,2021,238,5,15.7,2.1,10,0,8,85
5261,2021,238,6,15.6,2.6,10,0,8,85
5261,2021,238,7,15.2,2.6,20,0,8,91
5261,2021,238,8,15.9,3.6,20,0,7,72
5261,2021,238,9,16.2,4.1,20,0,8,67
5261,2021,238,10,16.5,4.1,20,0,7,63
5261,2021,238,11,16.9,4.1,20,0,8,60
5261,2021,238,12,17.4,4.1,20,0,7,60
5261,2021,238,13,17.2,3.6,10,0,8,62
5261,2021,238,14,18.1,3.1,10,0,8,61
5261,2021,238,15,17.7,3.1,10,0,8,64
5261,2021,238,16,17.5,3.1,20,0,7,63
5261,2021,238,17,17.1,3.1,10,0,8,65
5261,2021,238,18,16.8,2.1,10,0,8,64
5261,2021,238,19,16.2,2.6,20,0,7,63
5261,2021,238,20,15.8,2.1,30,0,8,66
5261,2021,238,21,15.6,4.1,30,0,8,62
5261,2021,238,22,15.2,3.6,30,0,8,62
5261,2021,238,23,14.8,4.1,30,0,7,67
5261,2021,239,0,14.2,3.1,20,0,6,68
5261,2021,239,1,12.9,2.1,360,0,1,77
5261,2021,239,2,11.9,1.5,10,0,0,83
5261,2021,239,3,11.9,2.1,360,0,0,86
5261,2021,239,4,11.3,1.5,360,0,0,89
5261,2021,239,5,11.2,1.5,350,0,1,91
5261,2021,239,6,12,1,360,0,7,93
5261,2021,239,7,13.4,1.5,20,0,8,86
5261,2021,239,8,14.3,3.6,30,0,8,81
5261,2021,239,9,16.1,3.6,30,0,7,72
5261,2021,239,10,17.2,3.1,30,0,6,69
5261,2021,239,11,17.5,2.6,30,0,7,64
5261,2021,239,12,17.5,2.1,10,0,8,64
5261,2021,239,13,18.3,2.1,360,0,8,59
5261,2021,239,14,18.3,2.1,350,0,8,60
5261,2021,239,15,18.9,2.6,360,0,7,57
5261,2021,239,16,19.6,2.6,10,0,2,57
5261,2021,239,17,18.6,2.6,360,0,1,60
5261,2021,239,18,17.6,2.6,360,0,1,61
5261,2021,239,19,15.9,2.1,360,0,3,71
5261,2021,239,20,14.4,1,340,0,4,76
5261,2021,239,21,13.1,1,340,0,0,80
5261,2021,239,22,11.9,1,340,0,0,86
5261,2021,239,23,11,1.5,20,0,0,89
5261,2021,240,0,11.4,1.5,20,0,0,88
5261,2021,240,1,10.3,0.5,310,0,0,94
5261,2021,240,2,9.8,1,320,0,0,93
5261,2021,240,3,10.2,1,350,0,2,96
5261,2021,240,4,9.9,1,350,0,1,96
5261,2021,240,5,10.7,1,350,0,6,99
5261,2021,240,6,11.1,1,290,0,8,96
5261,2021,240,7,12.5,1,310,0,8,96
5261,2021,240,8,14.1,2.1,10,0,8,91
5261,2021,240,9,16.1,3.1,20,0,7,79
5261,2021,240,10,17.3,3.6,30,0,8,71
5261,2021,240,11,18.4,4.1,30,0,6,66
5261,2021,240,12,20.9,4.1,30,0,7,64

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,240,13,19.9,3.6,20,0,8,61
5261,2021,240,14,19.4,1.20,0,8,64
5261,2021,240,15,18.4,4.1,30,0,8,65
5261,2021,240,16,19.8,2.6,20,0,7,62
5261,2021,240,17,18.9,4.1,30,0,7,64
5261,2021,240,18,18.1,4.1,40,0,8,66
5261,2021,240,19,16.5,2.6,60,0,8,75
5261,2021,240,20,13.7,1,360,0,1,87
5261,2021,240,21,12.6,1,350,0,0,92
5261,2021,240,22,11.6,1,310,0,0,92
5261,2021,240,23,11.2,1,340,0,0,95
5261,2021,241,0,10.5,1,310,0,0,95
5261,2021,241,1,9,0.5,260,0,0,96
5261,2021,241,2,8.8,0.5,230,0,1,99
5261,2021,241,3,9.9,0.5,310,0,0,100
5261,2021,241,4,10.1,1,320,0,0,99
5261,2021,241,5,10,0.5,330,0,4,97
5261,2021,241,6,9.2,0.5,300,0,1,99
5261,2021,241,7,11.7,0.5,310,0,3,100
5261,2021,241,8,14.8,0.5,40,0,2,88
5261,2021,241,9,16.7,2.1,50,0,4,72
5261,2021,241,10,17.7,3.1,40,0,6,64
5261,2021,241,11,18.1,3.1,30,0,8,60
5261,2021,241,12,18.2,6.30,0,7,62
5261,2021,241,13,18.7,3.6,30,0,7,58
5261,2021,241,14,18.8,3.6,20,0,8,61
5261,2021,241,15,18.7,4.1,20,0,7,57
5261,2021,241,16,17.9,4.1,30,0,7,56
5261,2021,241,17,17.5,4.1,30,0,8,58
5261,2021,241,18,17.3,1,30,0,8,61
5261,2021,241,19,15.4,2.6,20,0,4,71
5261,2021,241,20,15.7,3.1,20,0,7,71
5261,2021,241,21,15.2,3.1,20,0,7,71
5261,2021,241,22,14.8,3.1,30,0,8,75
5261,2021,241,23,14.8,2.6,20,0,8,76
5261,2021,242,0,14.6,3.1,20,0,8,78
5261,2021,242,1,14.6,3.1,30,0,8,80
5261,2021,242,2,14.6,2.6,20,0,8,80
5261,2021,242,3,14.5,3.1,20,0,8,81
5261,2021,242,4,14.1,2.6,20,0,8,85
5261,2021,242,5,13.8,3.1,10,0,8,90
5261,2021,242,6,13.7,2.1,20,0,8,92
5261,2021,242,7,14.1,2.6,10,0,8,91
5261,2021,242,8,14.9,3.1,30,0,8,87
5261,2021,242,9,15.9,4.1,20,0,8,83
5261,2021,242,10,17.4,6.20,0,8,79
5261,2021,242,11,16.8,4.6,30,0,8,79
5261,2021,242,12,16.8,3.6,20,0,8,76
5261,2021,242,13,16.7,3.6,20,0,8,79
5261,2021,242,14,16.4,3.6,20,0,8,80
5261,2021,242,15,16.4,3.1,20,0,8,79
5261,2021,242,16,16.2,6.20,0,8,82
5261,2021,242,17,15.7,3.1,20,0,8,81
5261,2021,242,18,15.5,3.1,20,0,8,80
5261,2021,242,19,15.4,4.1,30,0,8,76
5261,2021,242,20,15.1,3.1,30,0,8,77
5261,2021,242,21,14.9,4.6,30,0,8,77
5261,2021,242,22,14.9,4.1,30,0,8,74
5261,2021,242,23,14.8,3.6,30,0,8,71
5261,2021,243,0,14.6,3.6,30,0,8,72
5261,2021,243,1,14.4,2.6,20,0,8,74
5261,2021,243,2,14.4,2.1,10,0,8,80
5261,2021,243,3,14.3,2.6,20,0,8,84
5261,2021,243,4,14.3,3.1,20,0,7,85
5261,2021,243,5,13.9,3.1,20,0,8,90
5261,2021,243,6,13.8,2.6,20,0,8,92
5261,2021,243,7,14.1,3.1,20,0,8,91

5261,2021,243,8,14.5,3.6,20,0,8,90
5261,2021,243,9,15.3,3.6,20,0,8,87
5261,2021,243,10,15.9,3.1,20,0,8,85
5261,2021,243,11,17.2,3.6,30,0,7,75
5261,2021,243,12,18.3,1,20,0,7,72
5261,2021,243,13,17.5,3.6,30,0,8,72
5261,2021,243,14,17.9,3.1,30,0,8,69
5261,2021,243,15,18.2,3.1,30,0,8,68
5261,2021,243,16,17.9,3.6,30,0,8,69
5261,2021,243,17,17.6,3.1,30,0,8,72
5261,2021,243,18,16.8,4.1,30,0,8,75
5261,2021,243,19,16.2,3.6,40,0,8,77
5261,2021,243,20,15.6,4.1,30,0,8,79
5261,2021,243,21,15.3,6.40,0,8,80
5261,2021,243,22,14.3,4.6,30,0,8,82
5261,2021,243,23,14.2,3.6,30,0,8,80
5261,2021,244,0,14.4,3.6,30,0,7,78
5261,2021,244,1,14.3,3.6,30,0,8,78
5261,2021,244,2,14.3,2.6,30,0,8,81
5261,2021,244,3,14.2,2.6,20,0,8,81
5261,2021,244,4,14.2,2.6,30,0,8,79
5261,2021,244,5,14.2,2.6,20,0,8,79
5261,2021,244,6,14.1,2.6,20,0,8,83
5261,2021,244,7,14.5,3.1,20,0,7,85
5261,2021,244,8,15.2,3.6,20,0,8,82
5261,2021,244,9,16.3,6,30,0,8,75
5261,2021,244,10,17.4,3.6,30,0,8,66
5261,2021,244,11,17.4,4.1,30,0,8,69
5261,2021,244,12,18.5,4.1,40,0,8,62
5261,2021,244,13,18.1,4.6,30,0,8,62
5261,2021,244,14,17.6,4.1,50,0,8,68
5261,2021,244,15,17.7,4.1,40,0,8,66
5261,2021,244,16,17.7,3.6,30,0,8,67
5261,2021,244,17,17.4,3.6,40,0,8,68
5261,2021,244,18,17.3,1,40,0,8,67
5261,2021,244,19,16.6,2.6,40,0,8,70
5261,2021,244,20,16.3,3.6,40,0,7,74
5261,2021,244,21,16.3,1,40,0,8,75
5261,2021,244,22,15.7,4.1,40,0,8,77
5261,2021,244,23,15.2,3.6,30,0,8,78
5261,2021,245,0,15.3,6,30,0,8,79
5261,2021,245,1,14.8,2.1,40,0,8,79
5261,2021,245,2,14.7,2.6,40,0,8,79
5261,2021,245,3,14.5,2.6,40,0,8,81
5261,2021,245,4,14.6,2.6,40,0,8,83
5261,2021,245,5,14.5,3.1,30,0,8,84
5261,2021,245,6,14.6,3.1,30,0,8,86
5261,2021,245,7,15.3,1,40,0,8,85
5261,2021,245,8,15.2,3.6,40,0,8,84
5261,2021,245,9,15.7,3.6,40,0,8,83
5261,2021,245,10,15.9,4.1,40,0,8,83
5261,2021,245,11,16.2,4.6,40,0,8,81
5261,2021,245,12,17.4,6.40,0,8,76
5261,2021,245,13,17.5,5.7,40,0,8,71
5261,2021,245,14,17.9,4.6,40,0,8,70
5261,2021,245,15,18.5,5.1,40,0,8,67
5261,2021,245,16,18.5,1,40,0,7,66
5261,2021,245,17,17.9,4.6,50,0,6,66
5261,2021,245,18,16.8,4.6,70,0,6,68
5261,2021,245,19,16.2,4.1,80,0,7,72
5261,2021,245,20,15.7,3.6,60,0,8,75
5261,2021,245,21,15.3,2.1,50,0,8,77
5261,2021,245,22,14.5,2.1,40,0,8,81
5261,2021,245,23,12.4,2.1,30,0,0,89
5261,2021,246,0,10.3,1,20,0,0,92
5261,2021,246,1,10.3,1.5,20,0,0,97
5261,2021,246,2,10.1,5,20,0,0,96

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,246,3,9.6,1,10,0,0,99
5261,2021,246,4,10,1,10,0,0,100
5261,2021,246,5,10.4,2.1,20,0,0,99
5261,2021,246,6,11.1,2.1,20,0,2,99
5261,2021,246,7,13.2,1.5,360,0,7,99
5261,2021,246,8,15.5,2.1,30,0,4,90
5261,2021,246,9,17.2,2.6,50,0,7,81
5261,2021,246,10,18.5,4.1,60,0,8,78
5261,2021,246,11,19.6,3.6,60,0,8,73
5261,2021,246,12,20.6,4.1,70,0,6,69
5261,2021,246,13,20.9,4.1,70,0,7,66
5261,2021,246,14,20.7,4.1,50,0,7,66
5261,2021,246,15,21.1,4.1,40,0,7,65
5261,2021,246,16,20.7,4.1,60,0,5,66
5261,2021,246,17,20.3,4.1,70,0,1,68
5261,2021,246,18,18.7,4.1,70,0,0,70
5261,2021,246,19,16.7,3.1,70,0,0,77
5261,2021,246,20,14.8,2.1,40,0,0,87
5261,2021,246,21,14.4,2.6,40,0,0,90
5261,2021,246,22,13.7,2.6,30,0,0,92
5261,2021,246,23,13.3,2.1,20,0,0,95
5261,2021,247,0,13.9,2.6,20,0,7,94
5261,2021,247,1,12.9,2.1,20,0,2,94
5261,2021,247,2,12.4,1.5,10,0,5,96
5261,2021,247,3,13.5,2.1,10,0,7,92
5261,2021,247,4,14.2,1,20,0,8,90
5261,2021,247,5,14.2,2.6,30,0,8,92
5261,2021,247,6,14.5,2.1,30,0,8,92
5261,2021,247,7,14.8,2.6,30,0,8,91
5261,2021,247,8,15.7,3.1,30,0,8,89
5261,2021,247,9,17.3,3.1,40,0,8,86
5261,2021,247,10,18.1,4.1,50,0,7,82
5261,2021,247,11,18.5,3.6,50,0,8,82
5261,2021,247,12,19.1,4.1,70,0,8,78
5261,2021,247,13,19.1,4.1,70,0,8,77
5261,2021,247,14,19.5,4.1,60,0,8,78
5261,2021,247,15,19.3,4.1,60,0,8,76
5261,2021,247,16,18.4,4.1,60,0,8,77
5261,2021,247,17,18.7,3.6,60,0,5,74
5261,2021,247,18,17.4,3.6,50,0,7,77
5261,2021,247,19,15.9,3.6,50,0,4,82
5261,2021,247,20,15.3,1.60,0,2,87
5261,2021,247,21,14.4,2.6,40,0,4,89
5261,2021,247,22,13.7,2.1,30,0,0,91
5261,2021,247,23,13.2,2.1,30,0,1,94
5261,2021,248,0,13.2,1.5,30,0,3,95
5261,2021,248,1,13.5,1.5,20,0,7,98
5261,2021,248,2,14.2,1,50,0,5,95
5261,2021,248,3,12.8,1.5,30,0,2,96
5261,2021,248,4,13.1,5,20,0,6,98
5261,2021,248,5,13.8,1.5,10,0,8,99
5261,2021,248,6,14.7,2.1,10,0,8,98
5261,2021,248,7,15.5,2.1,30,0,8,98
5261,2021,248,8,16.9,2.6,60,0,8,93
5261,2021,248,9,19.2,1,70,0,7,85
5261,2021,248,10,20.2,1.60,0,5,78
5261,2021,248,11,22.2,2.6,60,0,2,71
5261,2021,248,12,23.5,2.6,80,0,1,68
5261,2021,248,13,24.9,2.6,90,0,1,60
5261,2021,248,14,26.2,2.1,100,0,0,63
5261,2021,248,15,24.8,2.1,90,0,0,61
5261,2021,248,16,24.9,2.1,80,0,1,59
5261,2021,248,17,24.6,2.1,90,0,1,63
5261,2021,248,18,23.5,2.6,100,0,6,67
5261,2021,248,19,21.5,2.6,90,0,0,76
5261,2021,248,20,19.4,2.6,70,0,0,81
5261,2021,248,21,17.9,2.1,70,0,0,84

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,248,22,15.9,1,50,0,0,90
5261,2021,248,23,14.9,1,30,0,0,96
5261,2021,249,0,14,0.5,20,0,0,96
5261,2021,249,1,13.6,0.5,10,0,0,98
5261,2021,249,2,13.3,0.5,360,0,0,98
5261,2021,249,3,12.6,0.5,280,0,0,98
5261,2021,249,4,12,0.5,220,0,3,98
5261,2021,249,5,11.6,0,0,0,99
5261,2021,249,6,11.4,0,0,0,4,99
5261,2021,249,7,14.1,0,0,0,1,100
5261,2021,249,8,17.3,0.5,60,0,0,93
5261,2021,249,9,19.8,1,50,0,0,78
5261,2021,249,10,23.4,1,50,0,0,73
5261,2021,249,11,23.7,1,50,0,3,63
5261,2021,249,12,25.1,1,60,0,0,61
5261,2021,249,13,26.4,1,20,0,0,57
5261,2021,249,14,27.5,1.5,50,0,1,56
5261,2021,249,15,27.2,1.5,70,0,3,54
5261,2021,249,16,27.7,1.5,50,0,1,55
5261,2021,249,17,26,1.5,20,0,0,61
5261,2021,249,18,25.2,1.80,0,0,66
5261,2021,249,19,21.1,1.5,220,0,0,80
5261,2021,249,20,18.2,1,250,0,0,89
5261,2021,249,21,16.7,0.5,270,0,0,94
5261,2021,249,22,15.7,0.5,340,0,0,97
5261,2021,249,23,15.2,0,0,0,98
5261,2021,250,0,14.7,0.5,30,0,0,98
5261,2021,250,1,14.5,1,360,0,0,98
5261,2021,250,2,14.3,0.5,10,0,0,99
5261,2021,250,3,13.7,0.5,360,0,0,99
5261,2021,250,4,13.4,0.5,350,0,0,98
5261,2021,250,5,13.2,0.5,10,0,0,99
5261,2021,250,6,12.7,0.5,10,0,0,99
5261,2021,250,7,15.4,0.5,20,0,0,100
5261,2021,250,8,18.6,0.5,40,0,0,94
5261,2021,250,9,21.6,1.5,60,0,0,75
5261,2021,250,10,24.4,1.5,80,0,0,64
5261,2021,250,11,26.6,2.6,120,0,0,50
5261,2021,250,12,27.7,4.1,120,0,0,48
5261,2021,250,13,27.5,4.6,90,0,0,48
5261,2021,250,14,27.8,4.6,100,0,0,46
5261,2021,250,15,27.9,4.1,100,0,0,44
5261,2021,250,16,27.6,3.6,100,0,0,44
5261,2021,250,17,26.2,3.1,120,0,0,39
5261,2021,250,18,24.6,3.1,100,0,0,41
5261,2021,250,19,19.5,1.5,80,0,0,64
5261,2021,250,20,18.1,1.5,70,0,0,73
5261,2021,250,21,17.2,1,50,0,0,78
5261,2021,250,22,16.2,1,70,0,0,81
5261,2021,250,23,15.1,1,50,0,0,88
5261,2021,251,0,14.5,1,30,0,0,91
5261,2021,251,1,13.7,1,30,0,0,94
5261,2021,251,2,13.3,1,40,0,0,95
5261,2021,251,3,13,0.5,40,0,0,96
5261,2021,251,4,12.5,1,40,0,0,98
5261,2021,251,5,12.6,1,40,0,0,99
5261,2021,251,6,12.6,1,20,0,0,98
5261,2021,251,7,15.7,1,60,0,0,99
5261,2021,251,8,20.1,2.1,70,0,0,74
5261,2021,251,9,22.6,3.1,70,0,0,62
5261,2021,251,10,24.7,4.1,90,0,0,54
5261,2021,251,11,26.3,4.6,90,0,0,46
5261,2021,251,12,27.8,4.6,100,0,0,43
5261,2021,251,13,28.4,4.1,140,0,0,41
5261,2021,251,14,28.5,3.6,130,0,0,44
5261,2021,251,15,27.7,4.1,120,0,0,39
5261,2021,251,16,27.1,4.6,100,0,1,41

5261,2021,251,17,25.2,4.1,130,0,4,50
 5261,2021,251,18,22.1,1.5,150,0,3,64
 5261,2021,251,19,21.7,1.5,310,0,7,65
 5261,2021,251,20,18.6,2.1,220,1,8,86
 5261,2021,251,21,17.4,1,280,1,2,7,96
 5261,2021,251,22,17.1,0.5,80,0,8,98
 5261,2021,251,23,17.5,0.5,140,0,8,98
 5261,2021,252,0,16.6,1,250,0,5,98
 5261,2021,252,1,15.9,1,230,0,1,98
 5261,2021,252,2,16.1,5,230,0,6,99
 5261,2021,252,3,16.2,2.6,230,0,8,99
 5261,2021,252,4,16.3,2.1,240,0,8,99
 5261,2021,252,5,16.3,1.5,230,0,8,99
 5261,2021,252,6,16.2,1.5,220,0,8,99
 5261,2021,252,7,16.6,1.5,200,0,8,99
 5261,2021,252,8,16.8,1.5,180,0,8,98
 5261,2021,252,9,18.1,2.1,190,0,8,97
 5261,2021,252,10,19.2,1,180,0,8,90
 5261,2021,252,11,18.6,3.1,170,0,2,8,93
 5261,2021,252,12,18.9,2.6,190,0,8,91
 5261,2021,252,13,20.6,3.1,200,0,2,8,84
 5261,2021,252,14,21.6,4.1,200,0,6,75
 5261,2021,252,15,20.3,4.1,210,0,8,81
 5261,2021,252,16,20.4,4.1,210,0,8,77
 5261,2021,252,17,19.5,4.1,210,0,7,78
 5261,2021,252,18,18.7,3.6,220,0,2,81
 5261,2021,252,19,17.8,2.6,210,0,2,86
 5261,2021,252,20,17.3,2.6,220,0,2,88
 5261,2021,252,21,16.2,1.5,180,0,0,92
 5261,2021,252,22,15.4,0.5,200,0,2,97
 5261,2021,252,23,15.1,0.5,220,0,7,98
 5261,2021,253,0,15.6,0.5,230,0,8,99
 5261,2021,253,1,16.1,1,210,0,8,98
 5261,2021,253,2,16.7,1.5,220,0,8,97
 5261,2021,253,3,16.5,1,220,0,7,96
 5261,2021,253,4,16.9,1.5,200,0,7,98
 5261,2021,253,5,17.1,2.1,220,0,8,97
 5261,2021,253,6,16.6,1.5,200,0,6,97
 5261,2021,253,7,17.5,2.1,200,0,7,97
 5261,2021,253,8,17.9,2.6,210,0,8,96
 5261,2021,253,9,18.3,1,210,0,8,93
 5261,2021,253,10,18.2,6,230,0,4,8,95
 5261,2021,253,11,19.7,3.1,240,0,8,85
 5261,2021,253,12,19.5,3.6,240,0,8,82
 5261,2021,253,13,20.3,6,230,0,8,80
 5261,2021,253,14,19.8,3.6,250,0,8,79
 5261,2021,253,15,20.4,4.1,240,0,8,77
 5261,2021,253,16,19.3,3.6,250,0,8,76
 5261,2021,253,17,19.2,3.6,250,0,8,77
 5261,2021,253,18,18.3,3.6,250,0,7,80
 5261,2021,253,19,17.4,4.1,250,0,7,84
 5261,2021,253,20,17.3,6,250,0,7,88
 5261,2021,253,21,17.1,3.1,240,0,8,89
 5261,2021,253,22,17.1,3.1,240,0,8,91
 5261,2021,253,23,17.2,6,250,0,8,92
 5261,2021,254,0,17.1,2.1,250,0,7,92
 5261,2021,254,1,17.1,2.6,260,0,8,92
 5261,2021,254,2,17.1,2.1,260,0,8,90
 5261,2021,254,3,17.2,6,260,0,8,89
 5261,2021,254,4,16.8,2.1,240,0,8,91
 5261,2021,254,5,16.7,2.6,250,0,8,91
 5261,2021,254,6,16.6,2.6,250,0,8,92
 5261,2021,254,7,16.6,2.6,250,0,8,90
 5261,2021,254,8,16.6,3.1,250,0,8,88
 5261,2021,254,9,17.2,2.6,250,0,8,87
 5261,2021,254,10,18.8,2.6,260,0,8,77
 5261,2021,254,11,18.9,3.1,260,0,8,74

5261,2021,254,12,20.3,3.6,250,0,7,66
 5261,2021,254,13,20.4,1,240,0,8,63
 5261,2021,254,14,20.7,3.6,230,0,5,62
 5261,2021,254,15,22.3,1,210,0,2,57
 5261,2021,254,16,19.2,2.6,220,0,2,66
 5261,2021,254,17,18.7,2.1,220,0,3,67
 5261,2021,254,18,17.9,2.1,230,0,4,74
 5261,2021,254,19,17.5,2.6,240,0,8,76
 5261,2021,254,20,17.1,2.1,260,0,8,78
 5261,2021,254,21,16.4,1,290,0,8,69
 5261,2021,254,22,14.7,1.5,290,0,3,74
 5261,2021,254,23,13.6,1,280,0,7,78
 5261,2021,255,0,13,1,290,0,8,81
 5261,2021,255,1,10.8,1,250,0,1,90
 5261,2021,255,2,9.8,0.5,240,0,2,95
 5261,2021,255,3,10.1,1,210,0,0,99
 5261,2021,255,4,9,0.5,230,0,6,97
 5261,2021,255,5,9.3,1,230,0,3,100
 5261,2021,255,6,10.3,1,250,0,7,99
 5261,2021,255,7,11.8,1,240,0,1,99
 5261,2021,255,8,13.9,0.5,270,0,7,94
 5261,2021,255,9,15.6,1,330,0,7,83
 5261,2021,255,10,17.4,1,340,0,4,77
 5261,2021,255,11,19.8,1.5,70,0,5,64
 5261,2021,255,12,19.1,1.5,20,0,7,66
 5261,2021,255,13,18.9,1,350,0,5,64
 5261,2021,255,14,19.5,1.5,110,0,7,60
 5261,2021,255,15,20.1,1.5,40,0,3,58
 5261,2021,255,16,20.8,2.6,70,0,6,56
 5261,2021,255,17,20.2,1.50,0,7,59
 5261,2021,255,18,18.5,2.1,60,0,5,65
 5261,2021,255,19,15.1,0.5,30,0,7,83
 5261,2021,255,20,13.6,0.5,280,0,8,90
 5261,2021,255,21,12.5,0,0,0,8,94
 5261,2021,255,22,11.9,0,0,0,7,96
 5261,2021,255,23,11.9,1,60,0,8,98
 5261,2021,256,0,12.7,2.1,70,0,8,96
 5261,2021,256,1,12.2,1.5,70,0,8,95
 5261,2021,256,2,11.7,1,60,0,8,96
 5261,2021,256,3,12.6,1,60,0,6,98
 5261,2021,256,4,11.9,1.5,60,0,2,98
 5261,2021,256,5,12,1,30,0,7,99
 5261,2021,256,6,12.1,1.5,50,0,8,99
 5261,2021,256,7,14.1,2.1,80,0,8,98
 5261,2021,256,8,15.7,2.1,70,0,8,92
 5261,2021,256,9,17.6,3.6,80,0,8,81
 5261,2021,256,10,18.2,5.1,90,0,8,74
 5261,2021,256,11,18.7,4.6,80,0,8,69
 5261,2021,256,12,19.5,4.6,90,0,8,66
 5261,2021,256,13,20.1,4.1,80,0,8,65
 5261,2021,256,14,20.7,4.1,90,0,7,59
 5261,2021,256,15,20.3,4.6,90,0,5,58
 5261,2021,256,16,19.4,4.6,90,0,7,62
 5261,2021,256,17,18.8,4.6,80,0,5,63
 5261,2021,256,18,17.7,4.1,80,0,5,72
 5261,2021,256,19,16.2,4.1,70,0,7,79
 5261,2021,256,20,15.3,3.6,70,0,7,82
 5261,2021,256,21,14.6,2.6,60,0,7,86
 5261,2021,256,22,13.7,1,40,0,8,90
 5261,2021,256,23,14.6,2.1,40,0,8,90
 5261,2021,257,0,14.8,2.6,60,0,8,91
 5261,2021,257,1,15.2,1,70,0,8,92
 5261,2021,257,2,15.2,2.1,60,0,8,93
 5261,2021,257,3,15.6,2.6,60,0,8,94
 5261,2021,257,4,15.7,2.6,60,0,8,94
 5261,2021,257,5,15.9,2.1,60,0,2,7,95
 5261,2021,257,6,15.7,1.5,90,1.8,8,97

5261,2021,257,7,15.7,2.1,70,5.6,8,98
 5261,2021,257,8,16.4,2.1,50,1,8,98
 5261,2021,257,9,16.6,2.6,60,0,8,97
 5261,2021,257,10,16.8,2.6,80,0,8,96
 5261,2021,257,11,17.2,1,90,0.4,8,95
 5261,2021,257,12,17.7,0.5,30,0,8,93
 5261,2021,257,13,18.2,0.5,250,0.2,8,92
 5261,2021,257,14,18.1,1,280,0,8,94
 5261,2021,257,15,18.1,1,310,0,8,93
 5261,2021,257,16,19.4,1,350,0,3,87
 5261,2021,257,17,19.3,1,360,0,0,82
 5261,2021,257,18,18.4,0.5,40,0,0,87
 5261,2021,257,19,16.1,0.5,310,0,5,96
 5261,2021,257,20,16.1,0.5,270,0,8,98
 5261,2021,257,21,16.3,0.5,260,0,8,99
 5261,2021,257,22,16.8,0.5,300,0,8,99
 5261,2021,257,23,16.7,1.5,340,0,7,97
 5261,2021,258,0,16.3,0.5,330,0,7,98
 5261,2021,258,1,16.2,1,360,0,8,96
 5261,2021,258,2,15.9,1,10,0,8,94
 5261,2021,258,3,15.3,1.5,350,0,8,94
 5261,2021,258,4,15.1,1,350,0,8,96
 5261,2021,258,5,15.1,1,360,0,8,97
 5261,2021,258,6,15.1,1,20,0,8,93
 5261,2021,258,7,15.2,1,360,0,7,93
 5261,2021,258,8,15.2,2.1,10,0,8,93
 5261,2021,258,9,16.6,1.5,10,0,7,82
 5261,2021,258,10,17.7,1.5,360,0,7,80
 5261,2021,258,11,17.5,2.6,350,0,7,76
 5261,2021,258,12,18.4,3.1,10,0,7,73
 5261,2021,258,13,18.7,2.1,360,0,8,71
 5261,2021,258,14,19.2,1.5,10,0,8,68
 5261,2021,258,15,19.7,1,350,0,8,69
 5261,2021,258,16,18.8,1.5,20,0,8,72
 5261,2021,258,17,18.9,1,60,0,1,72
 5261,2021,258,18,16.7,1,240,0,0,85
 5261,2021,258,19,14.1,0.5,290,0,0,93
 5261,2021,258,20,12.7,0.5,270,0,0,96
 5261,2021,258,21,11.7,0.5,240,0,0,98
 5261,2021,258,22,10.7,1,250,0,0,96
 5261,2021,258,23,10.2,0.5,260,0,0,97
 5261,2021,259,0,9.8,1,250,0,0,99
 5261,2021,259,1,9.3,0.5,280,0,1,99
 5261,2021,259,2,8.9,0.5,280,0,0,100
 5261,2021,259,3,8.5,0.5,300,0,0,100
 5261,2021,259,4,8.1,0,0,0.5,100
 5261,2021,259,5,8,0.5,260,0,7,100
 5261,2021,259,6,7.7,0.5,260,0,6,100
 5261,2021,259,7,9.2,0,0,0.2,100
 5261,2021,259,8,12.8,0.5,80,0,3,100
 5261,2021,259,9,17.2,0.5,140,0,0,97
 5261,2021,259,10,20.2,6,230,0,0,72
 5261,2021,259,11,20.6,3.1,240,0,0,69
 5261,2021,259,12,21.2,3.1,250,0,5,63
 5261,2021,259,13,20.7,3.1,240,0,6,66
 5261,2021,259,14,19.9,2.1,260,0,3,69
 5261,2021,259,15,20.8,2.6,260,0,4,68
 5261,2021,259,16,20.2,2.1,250,0,1,68
 5261,2021,259,17,19.6,2.6,230,0,1,76
 5261,2021,259,18,17.7,2.6,220,0,4,81
 5261,2021,259,19,15.8,2.1,220,0,0,89
 5261,2021,259,20,14.7,1,210,0,0,94
 5261,2021,259,21,14.5,2.1,230,0,0,97
 5261,2021,259,22,13.6,1.5,230,0,0,98
 5261,2021,259,23,12.3,1,220,0,0,96
 5261,2021,260,0,11,0.5,170,0,5,98
 5261,2021,260,1,10.6,0,0,0,8,97

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,260,2,11.4,1.5,210,0,1,99
5261,2021,260,3,11.6,1.5,230,0,0,99
5261,2021,260,4,10.9,1.5,230,0,2,2,99
5261,2021,260,5,9.8,0,0,0,5,99
5261,2021,260,6,9.4,0,0,0,8,99
5261,2021,260,7,11.2,0,0,0,5,100
5261,2021,260,8,14.7,0.5,160,0,3,100
5261,2021,260,9,16.8,2.1,210,0,0,91
5261,2021,260,10,18.6,2.6,200,0,7,77
5261,2021,260,11,20.2,6.190,0,8,67
5261,2021,260,12,20.3,3.1,190,0,8,67
5261,2021,260,13,20.6,2.6,190,0,8,67
5261,2021,260,14,20.3,2.6,160,0,7,65
5261,2021,260,15,20.7,2.1,190,0,7,65
5261,2021,260,16,21.1,2.6,170,0,5,63
5261,2021,260,17,19.9,3.1,180,0,0,66
5261,2021,260,18,17.6,2.1,160,0,0,76
5261,2021,260,19,14.5,1,210,0,1,92
5261,2021,260,20,13.3,0.5,210,0,4,95
5261,2021,260,21,12.2,0,0,0,1,96
5261,2021,260,22,11.6,0.5,350,0,1,98
5261,2021,260,23,11.1,0.5,40,0,1,97
5261,2021,261,0,11.3,1,360,0,0,99
5261,2021,261,1,11.6,1,10,0,4,99
5261,2021,261,2,11.1,0.5,30,0,4,99
5261,2021,261,3,11.3,0.5,10,0,7,100
5261,2021,261,4,12,0.5,30,0,8,100
5261,2021,261,5,12.5,0.5,30,0,7,99
5261,2021,261,6,12.1,0.5,30,0,6,99
5261,2021,261,7,13.5,0.5,20,0,8,100
5261,2021,261,8,14.8,1,40,0,8,99
5261,2021,261,9,17.7,1,110,0,8,97
5261,2021,261,10,21.7,3.1,150,0,1,70
5261,2021,261,11,21.1,3.1,160,0,5,66
5261,2021,261,12,23.9,3.6,150,0,4,58
5261,2021,261,13,23.2,3.1,140,0,1,55
5261,2021,261,14,22.3,4.1,140,0,6,50
5261,2021,261,15,22.6,3.6,140,0,7,56
5261,2021,261,16,21.3,4.1,140,0,4,56
5261,2021,261,17,20.5,3.1,130,0,1,52
5261,2021,261,18,19.1,2.1,140,0,7,60
5261,2021,261,19,16.5,0.5,140,0,8,74
5261,2021,261,20,15.5,0,0,0,8,83
5261,2021,261,21,15.4,0.5,90,0,8,84
5261,2021,261,22,13.9,0.5,20,0,4,88
5261,2021,261,23,12.4,0.5,350,0,0,92
5261,2021,262,0,12.1,1,360,0,3,95
5261,2021,262,1,11.8,1,10,0,5,96
5261,2021,262,2,12,0.5,360,0,5,98
5261,2021,262,3,11.3,1,330,0,1,98
5261,2021,262,4,11.6,0.5,340,0,7,99
5261,2021,262,5,11.7,0.5,340,0,7,99
5261,2021,262,6,11.4,0.5,350,0,3,99
5261,2021,262,7,12.9,1,330,0,8,100
5261,2021,262,8,14.3,0.5,310,0,8,99
5261,2021,262,9,16.1,290,0,8,95
5261,2021,262,10,16.8,1,320,0,8,86
5261,2021,262,11,17.3,1.5,310,0,7,83
5261,2021,262,12,17.5,1.5,300,0,8,86
5261,2021,262,13,16.6,1,320,0,8,88
5261,2021,262,14,16.4,1,300,1,7,94
5261,2021,262,15,17.6,1,290,0,2,8,88
5261,2021,262,16,16.8,1.5,280,0,8,89
5261,2021,262,17,16.8,1,290,0,7,90
5261,2021,262,18,16.2,0.5,280,0,8,92
5261,2021,262,19,15.4,0.5,300,0,8,93
5261,2021,262,20,14.9,1,290,0,8,93

5261,2021,262,21,14.6,1.5,280,0,8,94
 5261,2021,262,22,14.7,1.5,300,0,8,91
 5261,2021,262,23,14,1.5,310,0,4,91
 5261,2021,263,0,13.3,1.5,310,0,3,93
 5261,2021,263,1,12.8,1.5,310,0,2,93
 5261,2021,263,2,12.6,1,320,0,7,92
 5261,2021,263,3,12.1,1,330,0,8,93
 5261,2021,263,4,11.8,1.5,330,0,2,93
 5261,2021,263,5,11.7,1.5,330,0,0,91
 5261,2021,263,6,11.4,2.1,340,0,0,91
 5261,2021,263,7,11.9,2.1,330,0,6,90
 5261,2021,263,8,12.5,1.5,350,0,8,89
 5261,2021,263,9,13.3,2.1,340,0,8,87
 5261,2021,263,10,14.5,2.1,350,0,8,87
 5261,2021,263,11,16.1,3.1,360,0,8,81
 5261,2021,263,12,16.3,3.1,360,0,8,80
 5261,2021,263,13,17.6,2.6,350,0,8,79
 5261,2021,263,14,18.8,2.1,350,0,8,70
 5261,2021,263,15,18.2,6,10,0,7,71
 5261,2021,263,16,17.5,2.1,10,0,8,75
 5261,2021,263,17,17.8,1,350,0,8,75
 5261,2021,263,18,16.8,0.5,340,0,6,79
 5261,2021,263,19,14.5,0.5,330,0,6,91
 5261,2021,263,20,15.9,1.5,10,0,8,85
 5261,2021,263,21,14.1,1,20,0,3,91
 5261,2021,263,22,12.8,0.5,30,0,2,96
 5261,2021,263,23,13.3,1,10,0,7,99
 5261,2021,264,0,12.7,0.5,90,0,8,98
 5261,2021,264,1,11.3,0.5,260,0,1,98
 5261,2021,264,2,9.7,0.5,250,0,0,99
 5261,2021,264,3,8.8,0,0,0,3,99
 5261,2021,264,4,9,0.5,230,0,8,100
 5261,2021,264,5,8.9,0,0,0,8,100
 5261,2021,264,6,9.6,0.5,30,0,8,100
 5261,2021,264,7,11.2,0.5,280,0,8,100
 5261,2021,264,8,12.6,1,340,0,8,100
 5261,2021,264,9,14.2,1,320,0,8,100
 5261,2021,264,10,16,1,80,0,6,86
 5261,2021,264,11,18.3,1,340,0,1,74
 5261,2021,264,12,19.5,1.5,20,0,2,61
 5261,2021,264,13,20.9,1,290,0,0,59
 5261,2021,264,14,21,2.1,250,0,4,57
 5261,2021,264,15,20.2,1.5,260,0,1,55
 5261,2021,264,16,20.9,1.5,250,0,7,53
 5261,2021,264,17,18.7,1,270,0,2,64
 5261,2021,264,18,15.6,1,250,0,0,82
 5261,2021,264,19,14,1.5,240,0,0,87
 5261,2021,264,20,12.7,1.5,230,0,1,93
 5261,2021,264,21,12.1,1.5,230,0,0,96
 5261,2021,264,22,10.5,0.5,240,0,0,96
 5261,2021,264,23,9.6,0.5,250,0,0,99
 5261,2021,265,0,9.2,0,0,0,0,99
 5261,2021,265,1,8.6,0,0,0,0,99
 5261,2021,265,2,8,0,0,0,5,99
 5261,2021,265,3,8.2,0,0,0,8,100
 5261,2021,265,4,8.1,0,0,0,8,100
 5261,2021,265,5,7.6,0,0,0,8,99
 5261,2021,265,6,7.3,0,0,0,7,100
 5261,2021,265,7,7.7,0,0,0,2,100
 5261,2021,265,8,10.6,0,0,0,6,100
 5261,2021,265,9,14.9,0.5,140,0,1,100
 5261,2021,265,10,18.5,1.5,200,0,0,75
 5261,2021,265,11,19.9,2.6,220,0,0,63
 5261,2021,265,12,20.3,3.1,240,0,1,61
 5261,2021,265,13,19.9,2.6,240,0,3,62
 5261,2021,265,14,19.3,1.230,0,6,67
 5261,2021,265,15,19.2,2.6,240,0,6,69

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,265,16,19.6,3.1,230,0,4,66
5261,2021,265,17,18.7,2.6,240,0,1,67
5261,2021,265,18,16.1,2.1,230,0,1,75
5261,2021,265,19,13.1,1,240,0,0,88
5261,2021,265,20,12,1.5,250,0,0,93
5261,2021,265,21,11.2,1.5,240,0,0,95
5261,2021,265,22,11,2.1,230,0,0,98
5261,2021,265,23,11.2,1.5,230,0,0,97
5261,2021,266,0,9.6,1,240,0,0,97
5261,2021,266,1,9.8,1,260,0,0,99
5261,2021,266,2,10.3,1.5,260,0,0,99
5261,2021,266,3,9.3,1.5,250,0,0,99
5261,2021,266,4,9.3,1.5,250,0,6,100
5261,2021,266,5,10.3,1.5,240,0,4,99
5261,2021,266,6,10.4,2.1,240,0,0,99
5261,2021,266,7,11.8,2.6,250,0,0,96
5261,2021,266,8,13.4,3.6,250,0,0,91
5261,2021,266,9,15.3,3.1,250,0,0,85
5261,2021,266,10,16.1,4.1,270,0,7,83
5261,2021,266,11,17.3,3.6,270,0,8,82
5261,2021,266,12,18.4,3.1,260,0,7,78
5261,2021,266,13,20.3,3.6,260,0,7,75
5261,2021,266,14,19.6,3.1,260,0,7,73
5261,2021,266,15,19.4,3.1,270,0,8,76
5261,2021,266,16,18.9,2.6,260,0,7,80
5261,2021,266,17,18.5,2.6,250,0,0,82
5261,2021,266,18,16.9,2.6,240,0,0,86
5261,2021,266,19,15.8,2.1,240,0,0,91
5261,2021,266,20,15.5,2.6,240,0,0,94
5261,2021,266,21,15.3,2.6,250,0,3,96
5261,2021,266,22,15.3,2.1,250,0,4,96
5261,2021,266,23,13.7,2.1,230,0,1,97
5261,2021,267,0,12.6,0.5,240,0,3,98
5261,2021,267,1,11.4,0.5,210,0,3,98
5261,2021,267,2,12.3,1.5,230,0,0,100
5261,2021,267,3,11.8,1.5,240,0,1,99
5261,2021,267,4,11.1,1.5,250,0,2,99
5261,2021,267,5,12.4,2.1,270,0,7,99
5261,2021,267,6,11.6,1.5,240,0,7,99
5261,2021,267,7,12.1,1,230,0,7,99
5261,2021,267,8,14.2,2.6,240,0,6,99
5261,2021,267,9,14.7,3.1,250,0,5,87
5261,2021,267,10,16.6,3.6,260,0,4,77
5261,2021,267,11,17.5,3.6,260,0,0,74
5261,2021,267,12,19.4,3.6,260,0,0,70
5261,2021,267,13,20.5,3.1,240,0,0,60
5261,2021,267,14,21.9,3.1,240,0,0,56
5261,2021,267,15,22.3,3.1,240,0,0,57
5261,2021,267,16,21.5,3.1,240,0,0,61
5261,2021,267,17,20.3,1,250,0,0,68
5261,2021,267,18,17.7,2.6,250,0,0,80
5261,2021,267,19,16.2,2.1,240,0,0,87
5261,2021,267,20,15.3,2.6,230,0,0,91
5261,2021,267,21,14.3,1.5,240,0,0,93
5261,2021,267,22,13.4,1,230,0,0,94
5261,2021,267,23,12.2,0.5,230,0,0,95
5261,2021,268,0,11.5,0.5,250,0,0,98
5261,2021,268,1,11.1,0.5,270,0,5,99
5261,2021,268,2,12.9,0.5,50,0,7,99
5261,2021,268,3,13.6,0.5,200,0,8,100
5261,2021,268,4,14.5,0.5,220,0,8,100
5261,2021,268,5,14.9,0.5,230,0,2,8,100
5261,2021,268,6,15.0,5,90,0,8,99
5261,2021,268,7,15.3,0.5,140,0,8,99
5261,2021,268,8,15.6,1,180,0,8,99
5261,2021,268,9,16,1.5,190,0,8,99
5261,2021,268,10,16.9,1,180,0,8,96

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,268,11,17.5,1,190,0,8,92
5261,2021,268,12,18.3,1,200,0,8,88
5261,2021,268,13,18.3,1.5,220,0,8,86
5261,2021,268,14,18.8,1.5,170,0,8,84
5261,2021,268,15,21.4,1,210,0,6,69
5261,2021,268,16,19.9,1,170,0,4,67
5261,2021,268,17,18.6,1.5,210,0,0,73
5261,2021,268,18,15.6,1.5,220,0,0,87
5261,2021,268,19,13.4,1,220,0,0,94
5261,2021,268,20,12,0.5,260,0,6,96
5261,2021,268,21,11.4,0.5,260,0,5,98
5261,2021,268,22,11.1,0,0,0,7,99
5261,2021,268,23,11,0,0,0,8,99
5261,2021,269,0,11.1,0,0,0,8,99
5261,2021,269,1,11.4,0.5,350,0,8,99
5261,2021,269,2,12,0.5,10,0,8,99
5261,2021,269,3,12.2,0.5,10,0,8,99
5261,2021,269,4,11.7,0.5,40,0,7,99
5261,2021,269,5,11.1,0.5,30,0,7,99
5261,2021,269,6,11.4,0.5,280,0,8,99
5261,2021,269,7,13,0.5,330,0,8,100
5261,2021,269,8,14.6,0.5,310,0,8,100
5261,2021,269,9,17.2,1,190,0,8,100
5261,2021,269,10,18.5,3.1,220,0,8,93
5261,2021,269,11,18.6,3.1,220,0,8,89
5261,2021,269,12,19.3,3.1,200,0,8,86
5261,2021,269,13,21.1,3.6,220,0,7,72
5261,2021,269,14,21.1,2.6,240,0,5,70
5261,2021,269,15,20.4,4.1,230,0,7,69
5261,2021,269,16,19.3,4.6,220,0,1,69
5261,2021,269,17,17.5,4.1,240,0,0,70
5261,2021,269,18,15.6,3.1,230,0,0,80
5261,2021,269,19,15.2,1,220,0,5,88
5261,2021,269,20,15.1,2.1,210,0,7,91
5261,2021,269,21,15.4,2.1,200,0,6,92
5261,2021,269,22,15.6,2.1,190,0,3,95
5261,2021,269,23,16.2,2.1,180,0,7,92
5261,2021,270,0,16.7,2.6,180,0,8,90
5261,2021,270,1,17.2,3.1,180,0,8,88
5261,2021,270,2,17.1,4.1,190,0,8,87
5261,2021,270,3,16.5,4.1,200,0,2,8,93
5261,2021,270,4,16.7,3.6,180,0,8,92
5261,2021,270,5,16.7,4.6,180,0,8,92
5261,2021,270,6,16.4,5.1,180,2,8,96
5261,2021,270,7,16.3,6.7,180,3,6,8,96
5261,2021,270,8,16.6,7.7,200,1.6,8,95
5261,2021,270,9,13.9,6.7,250,2,8,80
5261,2021,270,10,14.4,5.7,270,0,0,72
5261,2021,270,11,15.6,6.2,260,0,6,68
5261,2021,270,12,16.2,5.7,270,0,2,65
5261,2021,270,13,16.6,5.7,250,0,2,59
5261,2021,270,14,17.6,5.1,250,0,3,57
5261,2021,270,15,17.4,5.1,260,0,3,56
5261,2021,270,16,16.1,4.6,260,0,1,54
5261,2021,270,17,15.7,4.6,250,0,1,59
5261,2021,270,18,13.7,4.6,240,0,5,73
5261,2021,270,19,12.3,6.2,240,0,0,72
5261,2021,270,20,10.2,1.5,230,0,0,84
5261,2021,270,21,8.6,1,220,0,0,93
5261,2021,270,22,9.8,2.1,230,0,0,92
5261,2021,270,23,9.6,2.1,240,0,1,89
5261,2021,271,0,10.3,1.5,240,0,2,92
5261,2021,271,1,8.3,1,230,0,2,96
5261,2021,271,2,7.1,0.5,240,0,0,97
5261,2021,271,3,7.3,1,250,0,3,98
5261,2021,271,4,7.4,1,230,0,6,100
5261,2021,271,5,7.4,0.5,250,0,7,100

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,271,6,7,7,0.5,230,0,7,100
5261,2021,271,7,10,4,1,200,0.2,8,100
5261,2021,271,8,11,8,1.5,180,0,8,100
5261,2021,271,9,13,1,2.1,180,0,8,7,96
5261,2021,271,10,15,8,2.1,180,3,4,7,97
5261,2021,271,11,14,5,4,1,200,0,7,86
5261,2021,271,12,17,3,4,1,200,0.2,6,77
5261,2021,271,13,16,7,5,1,210,0,6,74
5261,2021,271,14,16,7,6,2,220,0,6,72
5261,2021,271,15,16,3,5,7,220,0.2,6,72
5261,2021,271,16,14,3,4,6,220,0,6,8,90
5261,2021,271,17,13,7,3,6,200,1,2,7,94
5261,2021,271,18,12,9,2,6,180,0,7,94
5261,2021,271,19,13,2,2,6,160,0,6,7,98
5261,2021,271,20,12,9,3,6,200,1,8,86
5261,2021,271,21,11,9,4,1,230,6,8,8,98
5261,2021,271,22,11,7,4,1,240,3,7,96
5261,2021,271,23,11,9,2,6,240,0.2,8,98
5261,2021,272,0,11,8,3,1,250,0,8,96
5261,2021,272,1,11,6,2,1,270,0,2,8,96
5261,2021,272,2,11,2,6,260,0,8,96
5261,2021,272,3,10,1,3,1,270,0,1,91
5261,2021,272,4,9,1,3,1,280,0,0,92
5261,2021,272,5,8,4,2,6,270,0,0,93
5261,2021,272,6,8,2,6,270,0,0,93
5261,2021,272,7,8,4,3,1,280,0,0,92
5261,2021,272,8,9,7,3,1,280,0,0,87
5261,2021,272,9,11,5,3,6,280,0,0,79
5261,2021,272,10,12,8,3,1,290,0,0,72
5261,2021,272,11,13,4,3,6,290,0,6,64
5261,2021,272,12,13,9,3,6,280,0,5,56
5261,2021,272,13,14,3,3,6,280,0,6,53
5261,2021,272,14,14,3,4,1,280,0,3,52
5261,2021,272,15,15,4,6,270,0,4,51
5261,2021,272,16,13,9,3,6,290,0,5,59
5261,2021,272,17,13,8,2,1,300,0,0,54
5261,2021,272,18,10,5,1,5,270,0,0,71
5261,2021,272,19,8,3,1,5,280,0,0,78
5261,2021,272,20,8,2,1,250,0,6,82
5261,2021,272,21,7,3,2,6,250,0,0,85
5261,2021,272,22,6,1,2,1,260,0,1,88
5261,2021,272,23,5,3,2,1,260,0,0,92
5261,2021,273,0,5,1,5,250,0,0,97
5261,2021,273,1,5,6,2,1,250,0,0,95
5261,2021,273,2,5,2,2,1,250,0,0,95
5261,2021,273,3,6,1,5,250,0,4,92
5261,2021,273,4,7,2,1,5,240,0,7,88
5261,2021,273,5,6,9,0,5,210,0,8,93
5261,2021,273,6,7,1,0,5,110,0,8,94
5261,2021,273,7,7,8,0,5,340,0,7,96
5261,2021,273,8,10,2,0,5,210,0,8,93
5261,2021,273,9,12,7,2,6,220,0,2,8,82
5261,2021,273,10,14,5,3,6,210,0,8,78
5261,2021,273,11,15,5,1,220,0,8,78
5261,2021,273,12,15,5,5,7,220,0,8,74
5261,2021,273,13,15,2,5,7,230,0,7,75
5261,2021,273,14,15,5,7,220,0,8,80
5261,2021,273,15,15,6,2,220,0,7,82
5261,2021,273,16,15,3,5,7,240,0,8,82
5261,2021,273,17,14,3,5,1,230,0,8,91
5261,2021,273,18,14,5,1,220,0,4,8,94
5261,2021,273,19,13,9,5,7,220,0,4,8,95
5261,2021,273,20,14,5,1,220,0,2,8,97
5261,2021,273,21,14,2,5,1,220,0,8,95
5261,2021,273,22,14,3,5,7,220,0,2,8,96
5261,2021,273,23,14,4,6,2,250,0,2,7,97
5261,2021,274,0,14,5,5,7,230,0,6,7,98

5261,2021,274,1,14.8,5.7,220,0.4,8,97
 5261,2021,274,2,14.9,5.7,220,0.4,8,98
 5261,2021,274,3,15.6,2.230,0.6,8,98
 5261,2021,274,4,15.2,5.7,230,2.2,8,98
 5261,2021,274,5,15.5,5.7,240,1,8,97
 5261,2021,274,6,15.5,5.1,230,1.6,8,98
 5261,2021,274,7,15.6,6.2,250,0.6,8,97
 5261,2021,274,8,11.7,4.6,260,5.4,6,96
 5261,2021,274,9,13,3.1,220,0.8,7,98
 5261,2021,274,10,14.5,3.1,260,0.8,98
 5261,2021,274,11,16.2,3.6,260,0.7,92
 5261,2021,274,12,16.5,4.6,250,0.7,76
 5261,2021,274,13,16.4,4.1,280,0.7,76
 5261,2021,274,14,16.7,3.6,270,0.8,72
 5261,2021,274,15,14.6,3.1,280,0.6,7,92
 5261,2021,274,16,15.3,1,270,0.7,61
 5261,2021,274,17,13.8,3.1,250,0.1,66
 5261,2021,274,18,10.5,2.6,260,0.0,75
 5261,2021,274,19,8.6,2.1,280,0.0,84
 5261,2021,274,20,7.1,1,230,0.0,93
 5261,2021,274,21,6.5,1,260,0.0,96
 5261,2021,274,22,5.1,0.5,240,0.0,97
 5261,2021,274,23,4.6,1,250,0.1,98
 5261,2021,275,0,4.8,1,250,0.0,100
 5261,2021,275,1,3.5,0.5,130,0.2,98
 5261,2021,275,2,3.5,0.5,90,0.7,100
 5261,2021,275,3,4.1,0,0,0.8,100
 5261,2021,275,4,4.2,0.5,340,0.8,100
 5261,2021,275,5,4.7,0.5,20,0.8,100
 5261,2021,275,6,5.6,0.5,280,0.8,100
 5261,2021,275,7,7.7,1,190,0.7,100
 5261,2021,275,8,9.2,1,110,0.8,100
 5261,2021,275,9,12.1,1.5,160,0.8,94
 5261,2021,275,10,13.7,3.6,170,0.8,86
 5261,2021,275,11,12.8,4.6,160,1.6,8,96
 5261,2021,275,12,13.7,5.1,170,2.8,98
 5261,2021,275,13,14.5,7,170,2.6,8,98
 5261,2021,275,14,14.5,6.7,180,2.8,97
 5261,2021,275,15,14.3,6.7,170,4.8,8,97
 5261,2021,275,16,13.8,5.1,150,6.8,8,98
 5261,2021,275,17,16.1,5.1,160,5.2,8,99
 5261,2021,275,18,16.7,8.2,210,1.8,8,97
 5261,2021,275,19,16.5,6.7,220,1.4,7,98
 5261,2021,275,20,14.9,5.7,270,0.8,91
 5261,2021,275,21,13.8,4.6,260,0.8,93
 5261,2021,275,22,13.1,4.6,250,0.7,94
 5261,2021,275,23,12.5,4.1,250,0.6,94
 5261,2021,276,0,11.9,3.1,240,0.7,93
 5261,2021,276,1,11.4,2.6,240,0.8,94
 5261,2021,276,2,10.9,2.6,230,0.6,92
 5261,2021,276,3,10.5,1.5,240,0.7,92
 5261,2021,276,4,9.8,0.5,260,0.8,97
 5261,2021,276,5,9.4,0.5,210,0.8,99
 5261,2021,276,6,9.1,0.5,250,0.8,99
 5261,2021,276,7,9.1,1,240,0.8,99
 5261,2021,276,8,9.8,1.5,230,0.8,97
 5261,2021,276,9,10.3,1.5,240,0.8,94
 5261,2021,276,10,12.3,2.1,230,0.8,87
 5261,2021,276,11,13.8,4.1,260,0.5,72
 5261,2021,276,12,15.4,5.7,250,0.1,61
 5261,2021,276,13,16.3,6.2,240,0.4,60
 5261,2021,276,14,13.8,6.2,240,0.2,3,72
 5261,2021,276,15,14.1,5.7,240,0.2,4,75
 5261,2021,276,16,13.6,5.1,240,0.2,1,82
 5261,2021,276,17,12.7,4.6,250,0.1,82
 5261,2021,276,18,12.2,4.1,260,0.6,83
 5261,2021,276,19,11.7,4.1,260,0.7,85

Emissions to air risk assessment
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5261,2021,276,20,10.4,2.6,250,0,1,91
5261,2021,276,21,9.8,2.1,230,0,0,96
5261,2021,276,22,9.8,1.5,230,0,0,97
5261,2021,276,23,7.8,1,220,0,0,97
5261,2021,277,0,7,1,240,0,0,97
5261,2021,277,1,7.3,1,200,0,0,98
5261,2021,277,2,7.1,0.5,90,0,3,100
5261,2021,277,3,7.1,0.5,260,0,6,100
5261,2021,277,4,9.6,3.6,230,1.8,6,91
5261,2021,277,5,10.2,3.1,230,1.2,8,96
5261,2021,277,6,9.9,2.6,230,1.2,6,97
5261,2021,277,7,9.2,1.5,190,0.4,7,97
5261,2021,277,8,11.5,2.1,190,0,6,99
5261,2021,277,9,13.6,2.6,210,0,1,90
5261,2021,277,10,14.8,3.6,240,0,3,80
5261,2021,277,11,13.8,4.6,250,0,6,78
5261,2021,277,12,14.5,3.6,240,0.2,4,78
5261,2021,277,13,13.2,3.6,220,0.2,7,86
5261,2021,277,14,16.1,3.6,220,0.2,0,77
5261,2021,277,15,15.4,4.6,230,0.5,76
5261,2021,277,16,14.6,4.1,220,0,8,77
5261,2021,277,17,14,3.1,220,0,7,82
5261,2021,277,18,13.1,3.6,230,0,7,87
5261,2021,277,19,12.2,2.1,210,0,8,90
5261,2021,277,20,11.2,1.5,180,0,3,92
5261,2021,277,21,11.6,1.5,170,0.6,6,98
5261,2021,277,22,12.2,2.1,170,0,7,96
5261,2021,277,23,13.4,3.1,180,0.2,7,92
5261,2021,278,0,13.7,3.6,190,0,8,89
5261,2021,278,1,14.5,1,190,0,8,89
5261,2021,278,2,13.5,5.1,190,4,8,96
5261,2021,278,3,13.5,5.1,190,8.2,8,98
5261,2021,278,4,13.7,4.6,200,6.2,8,98
5261,2021,278,5,12.4,3.6,250,5.2,8,96
5261,2021,278,6,11.8,2.6,250,0,8,95
5261,2021,278,7,10.5,2.6,260,0,0,95
5261,2021,278,8,11.6,2.6,240,0,3,94
5261,2021,278,9,12.1,4.6,250,0,1,86
5261,2021,278,10,12.5,5.1,250,0,5,77
5261,2021,278,11,12.4,5.1,260,0,8,79
5261,2021,278,12,13.4,6.260,0,8,76
5261,2021,278,13,13.8,4.6,270,0,8,70
5261,2021,278,14,14.4,1.270,0,8,71
5261,2021,278,15,14.3,4.6,270,0,6,63
5261,2021,278,16,13.7,5.1,280,0,7,69
5261,2021,278,17,13.3,4.6,280,0,4,68
5261,2021,278,18,12.3,4.6,270,0,6,73
5261,2021,278,19,11.2,4.6,260,0,2,79
5261,2021,278,20,11.4,6.270,0,2,78
5261,2021,278,21,10.7,4.6,260,0,0,80
5261,2021,278,22,9.9,4.1,250,0,0,84
5261,2021,278,23,9.8,4.6,260,0,0,84
5261,2021,279,0,9.8,4.6,260,0,0,84
5261,2021,279,1,9.5,4.1,250,0,0,87
5261,2021,279,2,9.3,4.1,250,0,0,88
5261,2021,279,3,9.9,5.1,250,0,0,84
5261,2021,279,4,9.6,4.6,250,0,0,84
5261,2021,279,5,9.3,4.6,250,0,0,85
5261,2021,279,6,8.8,3.1,250,0,0,86
5261,2021,279,7,9.2,3.1,260,0,0,86
5261,2021,279,8,11.1,4.1,270,0,0,78
5261,2021,279,9,12.3,4.1,280,0,0,72
5261,2021,279,10,13.7,3.6,290,0,1,66
5261,2021,279,11,14.3,3.1,300,0,1,62
5261,2021,279,12,15.5,3.1,300,0,3,58
5261,2021,279,13,15.7,3.1,300,0,1,60
5261,2021,279,14,16.2,3.1,300,0,0,54

Emissions to air risk assessment
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5261,2021,279,15,16.7,2.1,300,0,0,56
5261,2021,279,16,16.5,2.1,300,0,2,53
5261,2021,279,17,15.7,2.1,280,0,2,59
5261,2021,279,18,12.6,1.5,280,0,7,73
5261,2021,279,19,9.5,1.5,250,0,3,91
5261,2021,279,20,8.8,1.5,230,0,1,94
5261,2021,279,21,8.2,1,240,0,5,96
5261,2021,279,22,9.2,1,230,0,8,97
5261,2021,279,23,8.7,1,240,0,7,96
5261,2021,280,0,9.5,0.5,230,0,8,97
5261,2021,280,1,11.2,1.5,240,0,8,94
5261,2021,280,2,11,0.5,240,0,8,94
5261,2021,280,3,10.6,0,0,0,8,95
5261,2021,280,4,10.7,0,0,0,8,96
5261,2021,280,5,11.3,0,0,0,7,98
5261,2021,280,6,12,0.5,150,0,8,98
5261,2021,280,7,12.8,0.5,90,0,8,99
5261,2021,280,8,14.1,1,190,0,8,99
5261,2021,280,9,14.9,1.5,200,0,8,98
5261,2021,280,10,15.9,2.1,210,0,8,95
5261,2021,280,11,16.1,2.6,220,0,8,94
5261,2021,280,12,16.5,2.6,230,0,8,92
5261,2021,280,13,16.9,3.1,230,0,8,91
5261,2021,280,14,17.2,2.6,220,0,8,91
5261,2021,280,15,17.2,6,180,0,7,92
5261,2021,280,16,16.9,2.1,180,0,8,93
5261,2021,280,17,16.5,2.1,210,0,8,96
5261,2021,280,18,16.1,2.1,210,0,8,96
5261,2021,280,19,15.8,1.5,200,0,8,98
5261,2021,280,20,15.7,1,210,0,8,98
5261,2021,280,21,15.7,1,210,0,8,98
5261,2021,280,22,15.6,1,220,0,8,99
5261,2021,280,23,15.1,1.5,230,0,8,98
5261,2021,281,0,14.5,1.5,230,0,8,98
5261,2021,281,1,14.4,1,220,0,8,98
5261,2021,281,2,14.4,1,220,0,8,98
5261,2021,281,3,14.3,1,240,0,2,8,98
5261,2021,281,4,14.2,1,260,0,8,99
5261,2021,281,5,14,1,260,0,8,99
5261,2021,281,6,13.8,0,0,0,8,98
5261,2021,281,7,14,0,0,0,7,99
5261,2021,281,8,14.2,0.5,340,0,8,98
5261,2021,281,9,14.9,0.5,10,0,8,97
5261,2021,281,10,15.6,1,50,0,8,94
5261,2021,281,11,15.6,1,60,0,2,7,94
5261,2021,281,12,16.3,0.5,130,0,7,91
5261,2021,281,13,16.8,0.5,170,0,8,88
5261,2021,281,14,16.8,0.5,120,0,8,88
5261,2021,281,15,16.5,0.5,50,0,8,89
5261,2021,281,16,16.7,0.5,40,0,8,90
5261,2021,281,17,16.7,1.5,60,0,8,86
5261,2021,281,18,16.2,1.80,0,8,89
5261,2021,281,19,15.6,1,50,0,8,92
5261,2021,281,20,14.2,2.6,80,0,7,85
5261,2021,281,21,12.2,6,80,0,0,90
5261,2021,281,22,10.6,1.5,70,0,0,95
5261,2021,281,23,8.5,0.5,20,0,0,97
5261,2021,282,0,8.2,0.5,360,0,1,98
5261,2021,282,1,6.7,0.5,350,0,5,98
5261,2021,282,2,6.9,0,0,0,8,100
5261,2021,282,3,7.3,0.5,260,0,8,100
5261,2021,282,4,6.5,0,0,0,8,100
5261,2021,282,5,5.9,0.5,300,0,8,100
5261,2021,282,6,5.1,0.5,230,0,8,100
5261,2021,282,7,5.2,0.5,230,0,8,100
5261,2021,282,8,6.6,0,0,0,8,100
5261,2021,282,9,10,0.5,80,0,5,100

Emissions to air risk assessment
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5261,2021,282,10,13.7,1,70,0,0,98
5261,2021,282,11,15.9,2.1,70,0,0,80
5261,2021,282,12,16.8,2.6,90,0,1,72
5261,2021,282,13,16.6,1.5,10,0,2,78
5261,2021,282,14,17.7,1.5,60,0,1,68
5261,2021,282,15,16.9,2.1,70,0,1,71
5261,2021,282,16,17.3,1,70,0,0,70
5261,2021,282,17,15.3,1,360,0,1,80
5261,2021,282,18,12.6,1,330,0,6,93
5261,2021,282,19,11.1,0.5,330,0,2,96
5261,2021,282,20,9.3,0.5,310,0,0,96
5261,2021,282,21,8.6,0.5,80,0,0,99
5261,2021,282,22,7.9,0.5,270,0,3,99
5261,2021,282,23,7.4,0,0,0,2,98
5261,2021,283,0,6.9,0.5,260,0,3,100
5261,2021,283,1,7.1,0.5,250,0,7,98
5261,2021,283,2,7.4,0.5,200,0,8,100
5261,2021,283,3,6.7,0,0,0,5,100
5261,2021,283,4,6,0,0,0,6,100
5261,2021,283,5,5.9,0.5,10,0,0,100
5261,2021,283,6,7.1,0.5,110,0,7,100
5261,2021,283,7,8.5,0.5,100,0,7,100
5261,2021,283,8,10.3,0.5,10,0,7,100
5261,2021,283,9,11.4,0.5,10,0,2,8,100
5261,2021,283,10,12.9,1,330,0,7,100
5261,2021,283,11,14,1.5,330,0,8,98
5261,2021,283,12,14.7,1.5,340,0,7,93
5261,2021,283,13,15.1,1.5,350,0,8,91
5261,2021,283,14,16.5,1.5,20,0,8,85
5261,2021,283,15,16.6,1.5,30,0,8,82
5261,2021,283,16,17.1,1,340,0,7,78
5261,2021,283,17,16.1,1,340,0,4,74
5261,2021,283,18,12.3,0.5,310,0,1,89
5261,2021,283,19,11,1,310,0,0,94
5261,2021,283,20,11.8,1,310,0,2,89
5261,2021,283,21,10.4,1,320,0,2,91
5261,2021,283,22,10.3,1,310,0,0,88
5261,2021,283,23,9.3,0.5,310,0,0,88
5261,2021,284,0,8.3,1,300,0,0,92
5261,2021,284,1,8.5,1,300,0,0,90
5261,2021,284,2,8,1,310,0,0,91
5261,2021,284,3,6.6,0.5,310,0,0,91
5261,2021,284,4,7.1,1,10,0,0,98
5261,2021,284,5,6,0.5,340,0,0,97
5261,2021,284,6,5.5,0.5,290,0,0,97
5261,2021,284,7,5.3,0.5,170,0,0,100
5261,2021,284,8,7.8,0.5,140,0,0,100
5261,2021,284,9,10,1.5,340,0,0,95
5261,2021,284,10,11.7,2.1,340,0,3,83
5261,2021,284,11,11.9,2.1,360,0,6,77
5261,2021,284,12,12.4,1.5,10,0,6,74
5261,2021,284,13,13.7,2.1,330,0,1,71
5261,2021,284,14,14.2,1,330,0,0,67
5261,2021,284,15,14.5,2.1,340,0,0,64
5261,2021,284,16,14.2,1.5,330,0,0,67
5261,2021,284,17,11.9,1,290,0,0,80
5261,2021,284,18,9.1,1,260,0,0,90
5261,2021,284,19,8.2,1,280,0,1,96
5261,2021,284,20,7.4,1,280,0,0,97
5261,2021,284,21,7.4,1.5,270,0,0,98
5261,2021,284,22,6.7,1,260,0,0,98
5261,2021,284,23,5.8,1,260,0,0,97
5261,2021,285,0,5.9,1,270,0,0,98
5261,2021,285,1,5.4,0.5,270,0,0,100
5261,2021,285,2,6,1,240,0,0,100
5261,2021,285,3,4.8,1,250,0,1,100
5261,2021,285,4,5.2,1,240,0,1,100

Emissions to air risk assessment
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5261,2021,285,5,4.4,1,270,0,2,98
5261,2021,285,6,5,1,250,0,4,100
5261,2021,285,7,6,1,1.5,230,0,6,100
5261,2021,285,8,7,6,1,250,0,6,100
5261,2021,285,9,9,6,1,300,0,7,100
5261,2021,285,10,10,9,2,1,310,0,7,92
5261,2021,285,11,13,2,2,1,310,0,5,84
5261,2021,285,12,14,1,2,6,330,0,3,76
5261,2021,285,13,14,9,2,6,330,0,6,72
5261,2021,285,14,16,3,2,6,350,0,5,68
5261,2021,285,15,15,7,2,1,330,0,7,69
5261,2021,285,16,14,9,1,5,320,0,7,74
5261,2021,285,17,13,9,1,320,0,8,83
5261,2021,285,18,12,9,1,350,0,8,87
5261,2021,285,19,10,6,0,5,320,0,5,95
5261,2021,285,20,10,5,0,5,330,0,7,97
5261,2021,285,21,11,3,0,5,340,0,8,99
5261,2021,285,22,11,6,1,5,20,0,8,98
5261,2021,285,23,11,5,1,5,30,0,8,95
5261,2021,286,0,11,1,2,1,40,0,7,91
5261,2021,286,1,9,7,2,1,40,0,7,95
5261,2021,286,2,8,5,2,1,30,0,0,94
5261,2021,286,3,6,5,1,340,0,0,97
5261,2021,286,4,5,5,0,5,300,0,0,98
5261,2021,286,5,4,5,0,5,260,0,0,98
5261,2021,286,6,4,3,0,5,270,0,0,98
5261,2021,286,7,4,8,1,260,0,6,100
5261,2021,286,8,7,0,5,140,0,8,100
5261,2021,286,9,9,1,0,5,100,0,8,100
5261,2021,286,10,12,1,80,0,3,83
5261,2021,286,11,13,7,1,5,40,0,0,74
5261,2021,286,12,15,4,1,5,280,0,2,70
5261,2021,286,13,16,4,1,5,290,0,6,70
5261,2021,286,14,15,9,1,5,320,0,6,71
5261,2021,286,15,15,5,1,5,300,0,7,76
5261,2021,286,16,15,5,0,5,320,0,7,76
5261,2021,286,17,14,1,0,5,230,0,8,86
5261,2021,286,18,12,8,1,5,220,0,8,86
5261,2021,286,19,12,3,1,5,230,0,8,90
5261,2021,286,20,11,2,1,5,240,0,7,94
5261,2021,286,21,11,1,2,1,240,0,7,97
5261,2021,286,22,10,1,5,240,0,0,96
5261,2021,286,23,9,9,1,5,240,0,6,99
5261,2021,287,0,9,7,0,5,230,0,8,99
5261,2021,287,1,9,5,0,5,230,0,8,99
5261,2021,287,2,9,9,0,5,140,0,8,99
5261,2021,287,3,10,3,0,5,220,0,8,99
5261,2021,287,4,11,3,1,220,0,8,100
5261,2021,287,5,11,5,1,5,230,0,8,99
5261,2021,287,6,11,6,1,5,230,0,8,99
5261,2021,287,7,11,7,1,5,240,0,8,98
5261,2021,287,8,12,4,1,5,240,0,8,98
5261,2021,287,9,13,7,2,1,250,0,1,90
5261,2021,287,10,15,5,3,6,250,0,1,80
5261,2021,287,11,14,9,3,6,260,0,4,78
5261,2021,287,12,16,4,3,1,250,0,6,71
5261,2021,287,13,16,8,3,1,260,0,7,68
5261,2021,287,14,17,3,3,1,260,0,8,67
5261,2021,287,15,17,2,4,1,240,0,5,67
5261,2021,287,16,15,9,3,6,240,0,3,72
5261,2021,287,17,14,4,2,6,240,0,4,80
5261,2021,287,18,13,5,2,1,240,0,7,84
5261,2021,287,19,12,8,2,6,240,0,7,86
5261,2021,287,20,11,6,2,6,240,0,2,91
5261,2021,287,21,11,2,2,1,240,0,4,96
5261,2021,287,22,11,4,2,1,240,0,6,96
5261,2021,287,23,11,2,6,250,0,6,96

5261,2021,288,0,10.9,2.6,240,0,8,96
5261,2021,288,1,11.5,2.6,250,0,7,96
5261,2021,288,2,11.8,3.1,250,0,8,95
5261,2021,288,3,11.8,2.6,240,0,8,94
5261,2021,288,4,11.8,2.6,240,0,8,94
5261,2021,288,5,12.2,6.250,0,8,93
5261,2021,288,6,12.3,2.1,260,0,7,92
5261,2021,288,7,12.3,1.5,270,0,8,90
5261,2021,288,8,12.8,1,290,0,8,90
5261,2021,288,9,13.3,1,320,0,8,87
5261,2021,288,10,14.4,2.1,350,0,8,82
5261,2021,288,11,12.5,3.6,30,0,8,84
5261,2021,288,12,13.4,3.1,50,0,8,76
5261,2021,288,13,13.6,3.1,40,0,8,75
5261,2021,288,14,14.2,6.40,0,7,73
5261,2021,288,15,13.7,2.1,60,0,8,74
5261,2021,288,16,13.1,2.1,50,0,8,71
5261,2021,288,17,12.7,1.5,70,0,8,72
5261,2021,288,18,11.8,1.5,90,0,8,78
5261,2021,288,19,11.5,1,110,0,8,82
5261,2021,288,20,11,1,60,0,8,87
5261,2021,288,21,10.6,0.5,30,0,8,91
5261,2021,288,22,11.1,1,140,0,7,74
5261,2021,288,23,10.4,1,120,0,8,78
5261,2021,289,0,8.4,0.5,40,0,8,90
5261,2021,289,1,7.4,0.5,10,0,8,94
5261,2021,289,2,8.1,0.5,10,0,8,99
5261,2021,289,3,8.5,0.5,50,0,8,97
5261,2021,289,4,8.4,0.5,200,0,7,96
5261,2021,289,5,8.4,1,360,0,8,97
5261,2021,289,6,8.1,1,60,0,8,96
5261,2021,289,7,8.3,1,60,0,8,96
5261,2021,289,8,9,0.5,20,0,8,94
5261,2021,289,9,9.7,1,10,0,8,92
5261,2021,289,10,11.5,1,40,0,8,88
5261,2021,289,11,13.5,1,80,0,8,87
5261,2021,289,12,15.4,1.5,170,0.2,8,87
5261,2021,289,13,14.9,2.6,160,0,8,91
5261,2021,289,14,15.2,6,180,0,8,86
5261,2021,289,15,15.1,3.1,190,0,6,84
5261,2021,289,16,14.6,3.1,180,0,8,86
5261,2021,289,17,13.8,2.1,170,0,5,90
5261,2021,289,18,12.3,1,200,0,4,93
5261,2021,289,19,10.7,1,190,0,0,95
5261,2021,289,20,9.2,0.5,200,0,0,96
5261,2021,289,21,8,0.5,180,0,3,97
5261,2021,289,22,7.7,0,0,0,8,99
5261,2021,289,23,7.1,0,0,0,8,100
5261,2021,290,0,7,0,0,0,8,100
5261,2021,290,1,7.6,0,0,0,7,100
5261,2021,290,2,7.4,0,0,0,3,100
5261,2021,290,3,6.5,0,0,0,2,99
5261,2021,290,4,6.3,0,0,0,7,100
5261,2021,290,5,6.8,0.5,50,0,8,100
5261,2021,290,6,7.5,0.5,190,0,8,100
5261,2021,290,7,8.7,1,200,0,8,100
5261,2021,290,8,11.8,1,180,0,7,100
5261,2021,290,9,13.1,2.1,210,0,7,99
5261,2021,290,10,14.2,6,210,0,5,91
5261,2021,290,11,15.3,1,210,0,4,84
5261,2021,290,12,15.3,3.6,200,0,7,75
5261,2021,290,13,16.3,1,220,0,7,73
5261,2021,290,14,16.8,3.1,200,0,8,72
5261,2021,290,15,15.6,4.1,210,0,8,72
5261,2021,290,16,15.3,1,210,0,8,72
5261,2021,290,17,13.4,2.1,200,0,1,77
5261,2021,290,18,10.2,1,170,0,0,91

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,290,19,8.4,0.5,200,0,0,94
5261,2021,290,20,7.2,0.5,210,0,0,97
5261,2021,290,21,6.3,0.5,230,0,0,98
5261,2021,290,22,5.5,0,0,0,98
5261,2021,290,23,5.6,0.5,310,0,1,100
5261,2021,291,0,5.4,0,0,0,1,100
5261,2021,291,1,5.4,0.5,330,0,1,100
5261,2021,291,2,5.1,0.5,280,0,0,100
5261,2021,291,3,4.8,0,0,0,3,100
5261,2021,291,4,4.9,0,0,0,7,100
5261,2021,291,5,5.6,0,0,0,8,100
5261,2021,291,6,5.3,0.5,290,0,4,100
5261,2021,291,7,5.8,0.5,60,0,7,100
5261,2021,291,8,8.6,0.5,60,0,8,100
5261,2021,291,9,12.9,1,150,0,4,100
5261,2021,291,10,14.5,3.1,170,0,7,100
5261,2021,291,11,15.5,3.1,190,0,7,94
5261,2021,291,12,16.1,3.1,200,0,8,86
5261,2021,291,13,16.3,6.190,0,8,85
5261,2021,291,14,15.7,3.6,210,0,8,90
5261,2021,291,15,15.3,3.6,220,1,8,96
5261,2021,291,16,15.3,3.6,220,0,6,8,97
5261,2021,291,17,15.4,3.1,200,0,2,8,97
5261,2021,291,18,15.5,3.6,200,0,2,8,98
5261,2021,291,19,15.5,4.1,210,0,4,8,98
5261,2021,291,20,15.7,4.1,230,0,4,8,98
5261,2021,291,21,15.9,3.6,230,0,8,99
5261,2021,291,22,16.2,3.1,220,0,8,99
5261,2021,291,23,16.4,3.1,230,0,8,99
5261,2021,292,0,16.6,3.1,220,0,8,99
5261,2021,292,1,16.7,3.6,220,0,8,99
5261,2021,292,2,16.8,3.6,220,0,2,8,99
5261,2021,292,3,16.9,3.1,220,0,8,99
5261,2021,292,4,17.1,3.6,220,0,8,99
5261,2021,292,5,17.1,4.6,220,0,2,8,99
5261,2021,292,6,17.2,4.6,220,0,2,8,99
5261,2021,292,7,17.2,4.6,220,0,4,8,98
5261,2021,292,8,17.2,6.7,230,0,8,93
5261,2021,292,9,17.6,6.7,240,0,6,86
5261,2021,292,10,17.7,6.7,230,0,7,86
5261,2021,292,11,18.1,6.7,240,0,8,83
5261,2021,292,12,18.2,6.2,230,0,8,86
5261,2021,292,13,18.7,6.2,230,0,8,82
5261,2021,292,14,17.9,5.7,220,0,8,85
5261,2021,292,15,17.6,5.1,220,0,8,85
5261,2021,292,16,17.4,5.1,230,0,8,84
5261,2021,292,17,17.5,1,230,0,8,86
5261,2021,292,18,16.9,4.6,230,0,8,87
5261,2021,292,19,17.5,4.6,220,0,8,84
5261,2021,292,20,17.5,6.2,220,0,8,84
5261,2021,292,21,17.6,5.7,220,0,8,84
5261,2021,292,22,17.1,6.2,230,0,8,87
5261,2021,292,23,17.1,5.7,220,0,7,85
5261,2021,293,0,16.1,5.7,220,1,2,7,94
5261,2021,293,1,15.5,5.7,220,5,8,8,97
5261,2021,293,2,15.2,5.7,220,4,6,8,98
5261,2021,293,3,15.3,5.7,220,4,2,8,98
5261,2021,293,4,15.4,5.1,210,2,2,8,98
5261,2021,293,5,15.6,6.2,220,6,6,8,97
5261,2021,293,6,15.8,5.7,220,0,4,7,98
5261,2021,293,7,15.7,5.7,240,0,2,8,95
5261,2021,293,8,15.4,5.1,240,0,8,89
5261,2021,293,9,15.6,3.6,230,0,8,91
5261,2021,293,10,15.6,5.1,230,0,2,8,89
5261,2021,293,11,16.5,1,240,0,7,83
5261,2021,293,12,17.1,6.2,230,0,8,82
5261,2021,293,13,17.6,7.7,240,0,4,67

5261,2021,293,14,15.8,7.2,240,0,4,72
 5261,2021,293,15,16.4,6.7,240,0,1,69
 5261,2021,293,16,14.7,6.2,230,0,0,71
 5261,2021,293,17,13.6,4.6,220,0,5,79
 5261,2021,293,18,12.7,2.1,200,0,7,84
 5261,2021,293,19,12,1,130,0,2,8,93
 5261,2021,293,20,12,2.6,70,10,8,96
 5261,2021,293,21,11.4,3.6,70,7.4,8,98
 5261,2021,293,22,10.6,4.6,250,1,8,89
 5261,2021,293,23,9.8,4.1,350,1.2,8,94
 5261,2021,294,0,9.7,2.6,360,1.4,8,93
 5261,2021,294,1,8.7,4.1,340,1.6,8,90
 5261,2021,294,2,8.6,3.1,310,0.2,7,90
 5261,2021,294,3,8.6,4.1,280,0,1,89
 5261,2021,294,4,8.3,4.6,260,0,5,89
 5261,2021,294,5,8.3,5.1,250,0,0,85
 5261,2021,294,6,8.2,4.6,250,0,6,86
 5261,2021,294,7,9.3,4.6,250,0,8,84
 5261,2021,294,8,9.3,3.6,270,0,5,68
 5261,2021,294,9,8.6,3.6,300,0,4,68
 5261,2021,294,10,8.7,3.6,310,0,8,73
 5261,2021,294,11,9.1,3.6,320,0,3,64
 5261,2021,294,12,10.3,1.330,0,0,58
 5261,2021,294,13,10.8,3.1,320,0,0,57
 5261,2021,294,14,11.3,2.6,330,0,0,56
 5261,2021,294,15,11.7,2.1,320,0,1,54
 5261,2021,294,16,11.2,1.310,0,0,57
 5261,2021,294,17,8.6,1,300,0,0,67
 5261,2021,294,18,5,1,280,0,0,89
 5261,2021,294,19,3.8,1.5,250,0,0,93
 5261,2021,294,20,3.6,1.5,260,0,0,97
 5261,2021,294,21,3.1,2.1,250,0,0,97
 5261,2021,294,22,5.7,2.6,270,0,0,83
 5261,2021,294,23,5.2,2.1,280,0,2,86
 5261,2021,295,0,4.2,1.5,280,0,0,92
 5261,2021,295,1,4.6,2.1,270,0,0,90
 5261,2021,295,2,5.7,2.6,260,0,0,86
 5261,2021,295,3,4.9,3.1,260,0,0,89
 5261,2021,295,4,4.8,3.1,260,0,0,90
 5261,2021,295,5,5.7,3.6,260,0,0,86
 5261,2021,295,6,5.7,3.1,260,0,0,87
 5261,2021,295,7,4.7,3.1,250,0,0,90
 5261,2021,295,8,6.7,3.6,250,0,0,84
 5261,2021,295,9,9,4.1,260,0,3,73
 5261,2021,295,10,10.4,4.1,270,0,5,70
 5261,2021,295,11,11.3,4.6,270,0,7,68
 5261,2021,295,12,12.8,3.6,280,0,7,64
 5261,2021,295,13,13.2,4.1,280,0,3,63
 5261,2021,295,14,12.4,3.1,290,0,7,63
 5261,2021,295,15,12.6,2.6,290,0,5,66
 5261,2021,295,16,12.1,2.6,280,0,7,69
 5261,2021,295,17,11.2,2.1,260,0,8,75
 5261,2021,295,18,10,2.1,260,0,8,83
 5261,2021,295,19,9.7,2.1,260,0,8,84
 5261,2021,295,20,9.4,1.5,270,0,8,86
 5261,2021,295,21,9.7,2.1,280,0,8,84
 5261,2021,295,22,9.5,2.1,270,0,8,85
 5261,2021,295,23,9.5,1.5,280,0,8,85
 5261,2021,296,0,8.4,1,250,0,8,92
 5261,2021,296,1,8,1,200,0,8,94
 5261,2021,296,2,7.6,0.5,230,0,8,96
 5261,2021,296,3,7.6,0.5,210,0,8,96
 5261,2021,296,4,7.9,0.5,200,0,8,97
 5261,2021,296,5,7.9,1,230,0,8,97
 5261,2021,296,6,8.1,1,240,0,8,96
 5261,2021,296,7,7.9,0.5,240,0,8,97
 5261,2021,296,8,8.3,0.5,180,0,8,97

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,296,9,9.8,0.5,230,0,8,91
5261,2021,296,10,11.3,1,230,0,8,79
5261,2021,296,11,12,1,190,0,8,71
5261,2021,296,12,13.2,1.5,170,0,8,62
5261,2021,296,13,13.4,2.1,170,0,8,68
5261,2021,296,14,12.6,2.6,180,0,8,71
5261,2021,296,15,12.5,2.1,170,0,8,75
5261,2021,296,16,12.5,1.5,180,0,8,74
5261,2021,296,17,11.8,1,190,0,8,79
5261,2021,296,18,11.5,1.5,200,0,7,77
5261,2021,296,19,11.2,1.5,210,0,8,74
5261,2021,296,20,11,1.5,210,0,7,73
5261,2021,296,21,10.7,1,180,0,8,77
5261,2021,296,22,10.5,1,160,0,8,81
5261,2021,296,23,11.5,1.5,190,0,8,73
5261,2021,297,0,11.4,1.5,180,0,8,73
5261,2021,297,1,11.9,2.1,190,0,8,69
5261,2021,297,2,11.9,3.1,190,0,8,69
5261,2021,297,3,11.6,2.6,190,0,8,71
5261,2021,297,4,11.6,2.6,200,0,8,71
5261,2021,297,5,11.6,3.1,200,0,8,70
5261,2021,297,6,11.3,2.6,260,0,8,71
5261,2021,297,7,11.1,2.1,240,0,8,73
5261,2021,297,8,11.6,2.1,240,0,8,73
5261,2021,297,9,12.9,3.1,190,0,8,69
5261,2021,297,10,12,3.6,200,0,7,70
5261,2021,297,11,13.2,3.6,190,0,2,66
5261,2021,297,12,14.3,4.1,220,0,6,68
5261,2021,297,13,13.4,3.6,210,0,7,72
5261,2021,297,14,13.5,3.6,190,0,7,75
5261,2021,297,15,13.9,3.6,200,0,8,78
5261,2021,297,16,13.7,3.6,200,0,8,78
5261,2021,297,17,13,2.6,200,0,8,88
5261,2021,297,18,12.5,3.1,210,0,8,96
5261,2021,297,19,13,2.6,210,0,8,96
5261,2021,297,20,13.6,3.1,220,0,7,95
5261,2021,297,21,13.6,2.6,220,0,8,94
5261,2021,297,22,12.6,2.6,230,0,4,95
5261,2021,297,23,11.5,1.5,230,0,2,96
5261,2021,298,0,11.9,1.5,230,0,7,98
5261,2021,298,1,12,1.5,230,0,6,98
5261,2021,298,2,11,2.1,230,0,2,96
5261,2021,298,3,10.7,2.1,230,0,0,99
5261,2021,298,4,10.5,2.1,230,0,0,97
5261,2021,298,5,10.1,2.1,230,0,0,99
5261,2021,298,6,9.9,2.1,230,0,3,99
5261,2021,298,7,9.7,2.1,230,0,2,99
5261,2021,298,8,10.4,2.1,230,0,0,99
5261,2021,298,9,12.3,2.1,220,0,1,98
5261,2021,298,10,13.3,3.1,240,0,2,4,88
5261,2021,298,11,15.8,3.1,240,0,2,79
5261,2021,298,12,16,3.6,240,0,6,77
5261,2021,298,13,13.5,3.1,250,0,4,7,85
5261,2021,298,14,14.2,3.1,240,0,4,78
5261,2021,298,15,15.3,3.1,240,0,2,71
5261,2021,298,16,14,3.1,230,0,5,79
5261,2021,298,17,12.2,2.6,230,0,1,80
5261,2021,298,18,10.8,2.1,250,0,1,86
5261,2021,298,19,10.1,2.1,250,0,7,90
5261,2021,298,20,8.5,2.1,250,0,1,94
5261,2021,298,21,8.1,2.1,250,0,0,97
5261,2021,298,22,8.4,1.5,240,0,0,98
5261,2021,298,23,7.4,1,240,0,0,97
5261,2021,299,0,7.5,1.5,250,0,0,99
5261,2021,299,1,8.7,1.5,240,0,5,100
5261,2021,299,2,9.1,1.5,220,0,8,100
5261,2021,299,3,9,0.5,30,0,8,99

Emissions to air risk assessment
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5261,2021,299,4,10.4,0.5,130,0,8,100
5261,2021,299,5,11,3.1,240,0,8,96
5261,2021,299,6,10.2,2.6,250,0,8,97
5261,2021,299,7,9.8,3.1,240,0,7,97
5261,2021,299,8,10.3,1.5,220,0,5,97
5261,2021,299,9,12.4,2.1,220,0,7,89
5261,2021,299,10,13.7,2.6,210,0,7,85
5261,2021,299,11,14.8,4.1,210,0,8,87
5261,2021,299,12,15.4,4.1,230,0,8,88
5261,2021,299,13,16.8,3.6,230,0,8,82
5261,2021,299,14,16.3,4.6,230,0,8,83
5261,2021,299,15,16.4,4.6,240,0,7,80
5261,2021,299,16,15.5,4.1,230,0,8,82
5261,2021,299,17,14.9,3.6,230,0,8,84
5261,2021,299,18,14.4,3.6,230,0,7,84
5261,2021,299,19,14.4,4.1,230,0,8,88
5261,2021,299,20,13.7,3.6,230,0,8,91
5261,2021,299,21,14.4,3.6,250,0,8,89
5261,2021,299,22,14.5,3.6,230,0,8,89
5261,2021,299,23,14.6,3.6,220,0,8,90
5261,2021,300,0,14.6,4.1,220,0,8,93
5261,2021,300,1,14.8,4.6,230,0,8,90
5261,2021,300,2,14.9,4.6,230,0,7,87
5261,2021,300,3,14.6,4.6,230,0,8,87
5261,2021,300,4,14.6,4.6,230,0,8,84
5261,2021,300,5,14.7,4.6,230,0,7,82
5261,2021,300,6,14.5,4.1,240,0,8,83
5261,2021,300,7,14.3,4.6,240,0,8,83
5261,2021,300,8,14.6,4.1,230,0,8,82
5261,2021,300,9,15.4,6,230,0,8,80
5261,2021,300,10,15.3,5.1,230,0,5,78
5261,2021,300,11,16.6,5.7,230,0,7,72
5261,2021,300,12,16.2,5.1,230,0,7,73
5261,2021,300,13,16.5,1,220,0,8,76
5261,2021,300,14,16.5,5.7,230,0,7,68
5261,2021,300,15,15.2,5.1,230,0,8,75
5261,2021,300,16,14.7,4.6,230,0,8,81
5261,2021,300,17,13.9,4.6,230,0,6,84
5261,2021,300,18,13.5,3.6,220,0,7,79
5261,2021,300,19,13.4,3.1,190,0,7,85
5261,2021,300,20,13.6,3.6,190,0,7,87
5261,2021,300,21,13.1,3.6,200,0,2,90
5261,2021,300,22,13.6,3.6,210,0,7,88
5261,2021,300,23,13.5,3.1,200,0,8,88
5261,2021,301,0,13.6,3.1,200,0,8,88
5261,2021,301,1,13.3,3.6,200,0,8,87
5261,2021,301,2,12.5,3.1,200,0,4,88
5261,2021,301,3,12.6,2.6,200,0,5,89
5261,2021,301,4,12.1,3.1,190,0,2,90
5261,2021,301,5,11.5,2.6,230,0,0,91
5261,2021,301,6,11.1,2.1,270,0,1,92
5261,2021,301,7,11.5,2.6,200,0,3,94
5261,2021,301,8,12.6,3.6,210,0,7,88
5261,2021,301,9,13.2,2.6,210,0,8,86
5261,2021,301,10,13.6,2.6,200,0,8,83
5261,2021,301,11,13.5,4.1,200,0,7,81
5261,2021,301,12,13.6,3.6,210,0,8,84
5261,2021,301,13,15.1,4.1,210,0,8,78
5261,2021,301,14,14.9,4.6,210,0,7,76
5261,2021,301,15,14.7,4.6,210,0,6,77
5261,2021,301,16,13.7,4.1,180,0,3,83
5261,2021,301,17,12.8,3.6,230,0,0,85
5261,2021,301,18,13.2,3.1,200,0,0,82
5261,2021,301,19,13.7,4.1,200,0,0,81
5261,2021,301,20,14.4,1,190,0,0,81
5261,2021,301,21,13.8,4.1,190,0,0,82
5261,2021,301,22,14.2,4.6,190,0,7,80

5261,2021,301,23,13.9,4.1,190,0,4,82
5261,2021,302,0,14.2,4.1,190,0,4,81
5261,2021,302,1,14.2,4.1,190,0,8,81
5261,2021,302,2,14.4,3.6,180,0,8,79
5261,2021,302,3,14.4,3.6,200,0,7,77
5261,2021,302,4,14.7,3.6,190,0,8,78
5261,2021,302,5,13.3,4.6,200,1.8,8,92
5261,2021,302,6,12.6,4.6,200,2.6,7,93
5261,2021,302,7,12.5,6.2,190,3,7,95
5261,2021,302,8,12.6,6.2,180,1.4,8,95
5261,2021,302,9,13.7,5.7,180,0.2,8,92
5261,2021,302,10,14.4,5.7,200,0,8,87
5261,2021,302,11,14.4,6.2,200,0,7,82
5261,2021,302,12,14.1,6.2,220,0,7,82
5261,2021,302,13,14.5,5.7,240,0,7,79
5261,2021,302,14,13.6,5.7,260,0,6,82
5261,2021,302,15,13.7,4.6,260,0,5,81
5261,2021,302,16,13.3,4.6,240,0,3,76
5261,2021,302,17,11.1,3.1,230,0,0,80
5261,2021,302,18,9.9,2.1,220,0,1,86
5261,2021,302,19,7.9,1,200,0,4,92
5261,2021,302,20,6.8,0.5,90,0,1,97
5261,2021,302,21,7.1,1,110,0.6,4,98
5261,2021,302,22,7.1,170,0,2,98
5261,2021,302,23,6.6,0.5,120,0,1,100
5261,2021,303,0,9.1,1,140,0.2,5,100
5261,2021,303,1,8.9,1.5,140,0,3,100
5261,2021,303,2,8.1,1,90,0,3,99
5261,2021,303,3,7.7,0.5,80,0,7,100
5261,2021,303,4,9.5,1.5,140,0,6,100
5261,2021,303,5,9.8,2.1,140,0,6,100
5261,2021,303,6,11.3,2.1,150,0,8,100
5261,2021,303,7,12.3,1,150,0.2,8,98
5261,2021,303,8,11.6,3.6,200,6.4,8,95
5261,2021,303,9,11.2,3.6,230,0.2,8,94
5261,2021,303,10,12.3,3.1,240,0,8,93
5261,2021,303,11,11.8,2.6,260,0.4,4,96
5261,2021,303,12,13.9,4.1,250,0.2,2,80
5261,2021,303,13,13.6,3.6,270,0,7,73
5261,2021,303,14,13.8,4.1,260,0,3,69
5261,2021,303,15,12.8,3.1,260,0,4,71
5261,2021,303,16,12.4,2.6,250,0,7,75
5261,2021,303,17,10.4,1.5,240,0,7,80
5261,2021,303,18,8.6,1.5,230,0,3,89
5261,2021,303,19,7.9,1.5,220,0,0,96
5261,2021,303,20,8.8,2.1,210,0.5,92
5261,2021,303,21,6.4,1,250,0,0,94
5261,2021,303,22,5.3,0.5,290,0,0,97
5261,2021,303,23,4.7,1,240,0,1,98
5261,2021,304,0,4.5,1,220,0.2,3,100
5261,2021,304,1,5.7,0.5,210,0,7,100
5261,2021,304,2,6.1,1,170,0,7,100
5261,2021,304,3,7.2,1,120,0,7,100
5261,2021,304,4,9.8,2.1,150,0,7,100
5261,2021,304,5,11.4,3.1,140,0,8,95
5261,2021,304,6,12.3,4.6,160,0,8,90
5261,2021,304,7,11.4,5.1,170,3.2,8,96
5261,2021,304,8,12.6,2,170,4.4,8,98
5261,2021,304,9,12.5,7.2,170,4.2,8,96
5261,2021,304,10,12.6,8.2,170,2,8,96
5261,2021,304,11,12.6,6.7,210,4.6,8,96
5261,2021,304,12,13.9,5.7,240,0.2,5,81
5261,2021,304,13,13.5,5.7,250,0.5,70
5261,2021,304,14,14.1,6.2,240,0,7,67
5261,2021,304,15,13.7,7.7,250,0,1,62
5261,2021,304,16,12.5,6.7,240,0,3,71
5261,2021,304,17,11.1,5.7,220,0,0,78

Emissions to air risk assessment
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5261,2021,304,18,11,4,6,230,0,0,76
5261,2021,304,19,10,6,4,6,250,0,6,79
5261,2021,304,20,9,8,4,6,240,0,1,79
5261,2021,304,21,10,2,4,1,230,0,2,81
5261,2021,304,22,9,4,4,6,240,0,6,83
5261,2021,304,23,9,7,4,1,240,0,6,80
5261,2021,305,0,9,3,4,1,230,0,3,79
5261,2021,305,1,9,6,3,6,230,0,4,80
5261,2021,305,2,9,1,4,1,220,0,7,83
5261,2021,305,3,8,9,4,1,220,0,3,80
5261,2021,305,4,8,6,3,6,230,0,5,82
5261,2021,305,5,8,6,3,1,240,0,7,82
5261,2021,305,6,8,8,3,1,240,0,8,80
5261,2021,305,7,8,1,2,6,230,0,1,82
5261,2021,305,8,8,2,2,6,220,0,0,85
5261,2021,305,9,10,1,2,6,220,0,0,80
5261,2021,305,10,11,4,3,6,230,0,0,71
5261,2021,305,11,12,8,4,1,240,0,0,65
5261,2021,305,12,13,4,5,1,250,0,1,62
5261,2021,305,13,13,2,5,1,250,0,3,57
5261,2021,305,14,12,2,4,6,250,0,5,61
5261,2021,305,15,10,1,4,6,250,1,4,85
5261,2021,305,16,8,4,2,1,240,0,1,86
5261,2021,305,17,7,2,2,1,240,0,3,88
5261,2021,305,18,5,9,1,5,230,0,0,94
5261,2021,305,19,4,5,1,5,240,0,3,97
5261,2021,305,20,4,5,1,5,250,0,7,97
5261,2021,305,21,3,9,1,170,0,3,98
5261,2021,305,22,3,2,1,310,0,7,98
5261,2021,305,23,3,0,5,250,0,7,98
5261,2021,306,0,2,7,0,5,350,0,7,100
5261,2021,306,1,1,8,0,5,290,0,7,98
5261,2021,306,2,1,3,0,5,270,0,8,98
5261,2021,306,3,1,1,260,0,3,100
5261,2021,306,4,0,8,1,220,0,0,100
5261,2021,306,5,0,6,0,5,200,0,2,100
5261,2021,306,6,0,0,5,220,0,0,98
5261,2021,306,7,-0,3,0,5,230,0,0,100
5261,2021,306,8,0,8,0,5,240,0,0,100
5261,2021,306,9,4,1,0,5,70,0,0,100
5261,2021,306,10,7,5,0,5,90,0,0,100
5261,2021,306,11,10,6,1,110,0,0,84
5261,2021,306,12,11,3,1,110,0,1,73
5261,2021,306,13,12,3,1,5,240,0,2,70
5261,2021,306,14,12,8,2,1,260,0,0,58
5261,2021,306,15,12,3,1,250,0,1,65
5261,2021,306,16,11,2,1,230,0,4,68
5261,2021,306,17,6,2,0,5,280,0,0,88
5261,2021,306,18,4,1,0,5,260,0,0,95
5261,2021,306,19,2,9,0,5,340,0,0,96
5261,2021,306,20,2,0,5,270,0,0,96
5261,2021,306,21,1,4,0,5,260,0,0,98
5261,2021,306,22,0,6,0,5,300,0,0,98
5261,2021,306,23,0,2,0,0,0,0,98
5261,2021,307,0,-0,1,0,0,0,0,98
5261,2021,307,1,-0,6,0,0,0,1,99
5261,2021,307,2,-1,0,0,0,0,99
5261,2021,307,3,-1,0,0,0,0,99
5261,2021,307,4,-1,4,0,0,0,0,99
5261,2021,307,5,-1,4,0,5,140,0,0,99
5261,2021,307,6,-1,3,0,5,230,0,0,99
5261,2021,307,7,-1,9,0,0,0,0,96
5261,2021,307,8,0,0,5,20,0,0,100
5261,2021,307,9,4,7,0,5,30,0,0,100
5261,2021,307,10,6,7,1,5,360,0,2,1,98
5261,2021,307,11,8,1,1,5,350,0,0,87
5261,2021,307,12,8,7,2,1,330,0,2,82

5261,2021,307,13,8.9,2.1,330,0,6,81
 5261,2021,307,14,10,2.1,360,0,3,76
 5261,2021,307,15,8.8,2.1,340,0,5,76
 5261,2021,307,16,8.5,1.5,330,0,7,82
 5261,2021,307,17,7.8,1.5,320,0,8,90
 5261,2021,307,18,7.7,2.1,330,0,8,93
 5261,2021,307,19,7.7,1.5,320,0,8,94
 5261,2021,307,20,7.9,2.1,330,0,8,92
 5261,2021,307,21,7.5,2.1,350,0,7,90
 5261,2021,307,22,7.9,2.6,350,0,8,86
 5261,2021,307,23,7.6,2.6,360,0,8,87
 5261,2021,308,0,7.6,2.6,360,0,7,87
 5261,2021,308,1,7.3,3.1,350,0,8,87
 5261,2021,308,2,7.2,3.1,350,0,8,85
 5261,2021,308,3,6.5,3.1,340,0,8,88
 5261,2021,308,4,6.1,3.1,330,0,8,88
 5261,2021,308,5,6.1,3.1,330,0,8,86
 5261,2021,308,6,6,3.1,330,0,8,85
 5261,2021,308,7,5.9,3.1,340,0,8,84
 5261,2021,308,8,6,3.1,340,0,8,85
 5261,2021,308,9,6.4,3.1,330,0,8,85
 5261,2021,308,10,7.3,3.1,340,0,8,84
 5261,2021,308,11,7.8,2.6,350,0,8,83
 5261,2021,308,12,8.3,2.6,340,0,8,82
 5261,2021,308,13,8.2,2.6,340,0,8,80
 5261,2021,308,14,8.8,3.1,360,0,7,74
 5261,2021,308,15,8.9,2.6,350,0,8,76
 5261,2021,308,16,8.6,2.6,340,0,8,74
 5261,2021,308,17,8.3,2.1,330,0,8,75
 5261,2021,308,18,7.7,2.1,340,0,8,80
 5261,2021,308,19,6.9,2.1,350,0,4,78
 5261,2021,308,20,5.8,1.5,330,0,4,81
 5261,2021,308,21,5.1,5,320,0,1,86
 5261,2021,308,22,4.3,1.5,320,0,0,87
 5261,2021,308,23,3.8,1.5,330,0,0,90
 5261,2021,309,0,3.5,1.5,320,0,0,88
 5261,2021,309,1,2.8,1.5,310,0,0,89
 5261,2021,309,2,2.4,1.5,300,0,0,89
 5261,2021,309,3,0.9,0.5,300,0,0,90
 5261,2021,309,4,-0.3,0.5,250,0,0,94
 5261,2021,309,5,-1.1,0.5,340,0,0,93
 5261,2021,309,6,-1.5,0.5,200,0,0,96
 5261,2021,309,7,-1.5,0.5,220,0,0,96
 5261,2021,309,8,-0.8,1,190,0,0,99
 5261,2021,309,9,4,1,220,0,0,100
 5261,2021,309,10,6.4,0.5,170,0,0,83
 5261,2021,309,11,7.4,1.5,250,0,0,74
 5261,2021,309,12,9.3,1.5,270,0,0,66
 5261,2021,309,13,10.5,1.5,250,0,0,59
 5261,2021,309,14,10.3,2.1,270,0,0,57
 5261,2021,309,15,9.9,2.1,270,0,0,55
 5261,2021,309,16,8.6,1.5,260,0,7,67
 5261,2021,309,17,7.9,1.5,270,0,8,73
 5261,2021,309,18,7.8,1.5,270,0,8,81
 5261,2021,309,19,7.2,1.5,280,0,8,88
 5261,2021,309,20,7.8,2.1,270,0,8,90
 5261,2021,309,21,7.6,1.5,250,0,8,90
 5261,2021,309,22,7.7,2.1,250,0,8,90
 5261,2021,309,23,8.1,2.1,240,0,8,90
 5261,2021,310,0,8,2.1,240,0,8,91
 5261,2021,310,1,7.7,2.6,250,0,6,91
 5261,2021,310,2,7.9,2.1,240,0,8,93
 5261,2021,310,3,7.6,1.5,250,0,8,94
 5261,2021,310,4,7.9,1.5,260,0,8,94
 5261,2021,310,5,8.3,2.6,260,0,8,90
 5261,2021,310,6,7.7,1.5,260,0,8,91
 5261,2021,310,7,8.2,2.6,250,0,8,92

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,310,8,8.9,2.6,240,0,8,89
5261,2021,310,9,9.7,3.1,260,0,7,87
5261,2021,310,10,10.5,3.6,250,0,6,83
5261,2021,310,11,11.7,4.1,240,0,5,79
5261,2021,310,12,12.3,4.6,250,0,4,77
5261,2021,310,13,12.3,5.1,250,0,6,74
5261,2021,310,14,12.4,4.6,250,0,7,75
5261,2021,310,15,12.5,4.6,250,0,8,76
5261,2021,310,16,12.2,4.1,250,0,7,80
5261,2021,310,17,11.6,3.6,250,0,8,82
5261,2021,310,18,11.5,4.1,240,0,8,84
5261,2021,310,19,11.5,4.1,260,0,7,83
5261,2021,310,20,11.8,4.6,260,0,8,83
5261,2021,310,21,11.8,5.1,260,0,8,82
5261,2021,310,22,12.1,4.6,250,0,8,83
5261,2021,310,23,11.9,4.1,260,0,8,85
5261,2021,311,0,12,3.6,250,0,8,88
5261,2021,311,1,11.2,4.1,260,0,8,94
5261,2021,311,2,10.6,3.1,260,0,3,94
5261,2021,311,3,11.1,3.1,280,0,6,89
5261,2021,311,4,10,2.6,300,0,1,73
5261,2021,311,5,9,2.1,300,0,0,73
5261,2021,311,6,8.6,2.6,290,0,0,79
5261,2021,311,7,8.6,2.6,290,0,2,77
5261,2021,311,8,8.7,2.6,290,0,0,75
5261,2021,311,9,9.1,3.6,280,0,0,76
5261,2021,311,10,9.8,2.6,290,0,0,74
5261,2021,311,11,10.7,2.6,300,0,0,70
5261,2021,311,12,12.1,3.1,310,0,0,57
5261,2021,311,13,12.2,3.1,320,0,0,57
5261,2021,311,14,12.1,3.1,320,0,0,60
5261,2021,311,15,11.9,2.6,310,0,0,59
5261,2021,311,16,10.5,2.1,310,0,0,61
5261,2021,311,17,7.4,1,290,0,0,74
5261,2021,311,18,5,1,270,0,0,87
5261,2021,311,19,5,1,270,0,0,89
5261,2021,311,20,6.7,1,300,0,0,84
5261,2021,311,21,4.4,1,300,0,0,90
5261,2021,311,22,3.5,1,250,0,0,90
5261,2021,311,23,2.9,1.5,250,0,0,96
5261,2021,312,0,4.8,2.1,240,0,0,95
5261,2021,312,1,4.7,2.1,250,0,0,92
5261,2021,312,2,2.8,1,240,0,0,91
5261,2021,312,3,1.7,0.5,240,0,0,96
5261,2021,312,4,1.1,1,220,0,0,98
5261,2021,312,5,0.8,1,200,0,0,98
5261,2021,312,6,0.4,0.5,180,0,0,98
5261,2021,312,7,0,0.5,260,0,0,98
5261,2021,312,8,0.9,0.5,270,0,4,100
5261,2021,312,9,5.4,0.5,240,0,7,100
5261,2021,312,10,8.9,1,220,0,7,86
5261,2021,312,11,10.4,1,230,0,8,76
5261,2021,312,12,12.4,1.5,240,0,6,65
5261,2021,312,13,11.5,3.1,230,0,8,67
5261,2021,312,14,11.5,2.6,230,0,8,70
5261,2021,312,15,11.4,2.1,230,0,8,73
5261,2021,312,16,10.9,2.1,230,0,8,76
5261,2021,312,17,10.3,1.5,220,0,8,79
5261,2021,312,18,10,1,220,0,8,83
5261,2021,312,19,10.2,1.5,220,0,8,86
5261,2021,312,20,10.4,1.5,230,0,8,90
5261,2021,312,21,10.5,1.5,220,0,8,92
5261,2021,312,22,10.5,1.5,230,0,8,97
5261,2021,312,23,11,1.5,220,0,8,98
5261,2021,313,0,11.3,1.5,230,0,8,99
5261,2021,313,1,11.6,1.5,230,0,8,99
5261,2021,313,2,11.8,2.1,230,0,8,98

5261,2021,313,3,11.8,1.5,220,0,8,98
 5261,2021,313,4,12,1.5,230,0,8,98
 5261,2021,313,5,12.2,1.5,240,0,8,96
 5261,2021,313,6,12.2,2.6,260,0,8,94
 5261,2021,313,7,11.9,2.1,270,0,8,96
 5261,2021,313,8,11.4,2.1,260,0,7,98
 5261,2021,313,9,12.2,1,250,0,6,91
 5261,2021,313,10,13,2.6,220,0,6,89
 5261,2021,313,11,12.9,2.6,220,0,7,88
 5261,2021,313,12,13.4,2.6,210,0,8,88
 5261,2021,313,13,14.8,2.6,230,0,7,81
 5261,2021,313,14,13.5,2.6,220,0,8,85
 5261,2021,313,15,13.6,2.6,250,0,7,81
 5261,2021,313,16,13.2,1.5,240,0,8,81
 5261,2021,313,17,12.5,1.5,220,0,8,86
 5261,2021,313,18,12.3,1.5,230,0,8,88
 5261,2021,313,19,11.9,1.5,230,0,6,85
 5261,2021,313,20,11.3,2.1,220,0,3,85
 5261,2021,313,21,9.9,2.1,230,0,0,87
 5261,2021,313,22,8,1,240,0,0,93
 5261,2021,313,23,7.9,1,230,0,7,94
 5261,2021,314,0,7.9,1,210,0,8,97
 5261,2021,314,1,9.7,1,230,0,8,97
 5261,2021,314,2,10.9,1.5,230,0,8,91
 5261,2021,314,3,11.1,1.5,220,0,7,92
 5261,2021,314,4,10.8,1.5,230,0,8,95
 5261,2021,314,5,10.7,1,230,0,8,97
 5261,2021,314,6,10.9,1.5,200,0,8,98
 5261,2021,314,7,11,1.5,240,0,8,98
 5261,2021,314,8,11.2,1.5,230,0,8,97
 5261,2021,314,9,11.6,2.6,230,0,8,98
 5261,2021,314,10,12.3,2.6,240,0,8,96
 5261,2021,314,11,12.5,2.6,240,0,8,94
 5261,2021,314,12,12.9,2.6,240,0,7,93
 5261,2021,314,13,12.4,2.6,250,0,2,8,96
 5261,2021,314,14,12.4,2.6,250,0,2,8,95
 5261,2021,314,15,12.7,2.1,240,0,8,95
 5261,2021,314,16,12.5,1.5,240,0,8,94
 5261,2021,314,17,12.1,1,230,0,8,96
 5261,2021,314,18,11.8,1.5,210,0,8,98
 5261,2021,314,19,11.8,1.5,240,0,8,98
 5261,2021,314,20,11.7,1.5,230,0,8,98
 5261,2021,314,21,11.5,1.5,240,0,2,8,98
 5261,2021,314,22,11.3,2.1,250,0,8,95
 5261,2021,314,23,11.1,1,210,0,2,7,96
 5261,2021,315,0,11,1,240,0,7,98
 5261,2021,315,1,10.5,0.5,230,0,8,99
 5261,2021,315,2,10.2,0.5,220,0,8,97
 5261,2021,315,3,9.2,0.5,250,0,8,99
 5261,2021,315,4,9.2,0.5,250,0,8,99
 5261,2021,315,5,8.9,0,0,8,100
 5261,2021,315,6,8.6,0.5,240,0,8,99
 5261,2021,315,7,8.1,0,0,0,8,99
 5261,2021,315,8,7.6,0,0,0,8,99
 5261,2021,315,9,9.3,0,0,0,8,100
 5261,2021,315,10,10.8,0,0,0,-999,100
 5261,2021,315,11,14.4,1,130,0,4,85
 5261,2021,315,12,13.4,2.1,230,0,7,84
 5261,2021,315,13,13.3,2.1,210,0,8,83
 5261,2021,315,14,13.2,1.5,210,0,8,85
 5261,2021,315,15,12.2,2.6,230,0,8,82
 5261,2021,315,16,11.7,2.1,250,0,8,84
 5261,2021,315,17,11.1,1,230,0,7,87
 5261,2021,315,18,8,1,210,0,2,93
 5261,2021,315,19,7.3,1,230,0,7,97
 5261,2021,315,20,7.5,0.5,230,0,8,99
 5261,2021,315,21,6.2,0.5,210,0,4,97

5261,2021,315,22,6.4,1,170,0,0,100
 5261,2021,315,23,6.5,0.5,200,0,2,100
 5261,2021,316,0,8.2,1,190,0,5,100
 5261,2021,316,1,8.2,1.5,170,0,6,98
 5261,2021,316,2,9.4,2.1,190,0,7,99
 5261,2021,316,3,8.7,2.1,190,0,4,94
 5261,2021,316,4,10.6,2.1,180,0,7,95
 5261,2021,316,5,11.3,3.6,220,0,8,89
 5261,2021,316,6,11.5,4.6,210,0,7,86
 5261,2021,316,7,11.7,3.1,210,0,7,88
 5261,2021,316,8,11.8,4.1,230,0,8,88
 5261,2021,316,9,11.9,4.6,210,0,4,7,94
 5261,2021,316,10,12.2,4.6,220,0,6,8,98
 5261,2021,316,11,12.6,5.1,230,0,6,7,98
 5261,2021,316,12,13.1,5.1,250,0,2,8,91
 5261,2021,316,13,14.4,4.6,230,0,3,83
 5261,2021,316,14,13.8,4.6,240,0,7,80
 5261,2021,316,15,13.5,4.6,240,0,8,82
 5261,2021,316,16,13.1,5.1,240,0,8,83
 5261,2021,316,17,12.2,4.1,250,0,7,88
 5261,2021,316,18,12.3,6.2,240,0,8,89
 5261,2021,316,19,12.3,6.2,240,0,8,88
 5261,2021,316,20,11.7,4.1,240,0,8,88
 5261,2021,316,21,11.3,3.6,240,0,8,94
 5261,2021,316,22,11.3,1.2,250,1.6,8,98
 5261,2021,316,23,10.6,3.1,240,0,4,96
 5261,2021,317,0,10.8,3.6,250,0,7,96
 5261,2021,317,1,10.3,3.1,250,0,4,94
 5261,2021,317,2,9.8,2.6,260,0,0,95
 5261,2021,317,3,10.2,2.6,270,0,7,92
 5261,2021,317,4,10.5,3.1,270,0,8,90
 5261,2021,317,5,11.3,1.2,280,0,8,84
 5261,2021,317,6,10.9,2.6,280,0,8,82
 5261,2021,317,7,11.1,2.1,290,0,7,80
 5261,2021,317,8,11.1,2.1,290,0,7,80
 5261,2021,317,9,11.5,2.1,300,0,7,78
 5261,2021,317,10,11.8,2.1,310,0,8,82
 5261,2021,317,11,12.2,2.1,310,0,8,78
 5261,2021,317,12,12.6,2.1,310,0,7,77
 5261,2021,317,13,12.2,2.1,310,0,8,78
 5261,2021,317,14,12.2,2.6,320,0,8,76
 5261,2021,317,15,12.2,1.3,40,0,8,75
 5261,2021,317,16,11.7,1.5,330,0,8,79
 5261,2021,317,17,11.3,1,320,0,7,83
 5261,2021,317,18,10.8,1,290,0,8,86
 5261,2021,317,19,10.8,1,320,0,8,87
 5261,2021,317,20,10.9,1,320,0,8,85
 5261,2021,317,21,10.9,1,340,0,8,79
 5261,2021,317,22,11.1,1.5,340,0,8,78
 5261,2021,317,23,10.9,1.5,340,0,8,79
 5261,2021,318,0,10.7,2.1,320,0,8,80
 5261,2021,318,1,10.6,1.5,320,0,8,77
 5261,2021,318,2,10.6,1,350,0,7,78
 5261,2021,318,3,10.2,1.5,340,0,8,82
 5261,2021,318,4,10,1.5,330,0,8,83
 5261,2021,318,5,9.6,2.1,350,0,8,91
 5261,2021,318,6,9.5,2.1,350,0,8,92
 5261,2021,318,7,9.9,2.1,360,0,7,92
 5261,2021,318,8,10.1,2.1,360,0,8,93
 5261,2021,318,9,10.5,2.1,360,0,8,92
 5261,2021,318,10,11.1,5.3,50,0,8,91
 5261,2021,318,11,11.7,2.1,10,0,7,90
 5261,2021,318,12,12.2,2.6,20,0,8,87
 5261,2021,318,13,12.1,5.10,0,8,91
 5261,2021,318,14,11.9,1.5,340,0,7,92
 5261,2021,318,15,11.9,1,350,0,8,92
 5261,2021,318,16,11.5,1,40,0,4,8,95

5261,2021,318,17,11.2,1,10,0,8,94
 5261,2021,318,18,11.1,2.6,30,0,8,90
 5261,2021,318,19,11.3,1.40,0,8,91
 5261,2021,318,20,10.6,1.5,50,0,8,91
 5261,2021,318,21,10.3,1.5,30,0,8,94
 5261,2021,318,22,10.2,2.1,30,0,8,93
 5261,2021,318,23,9.9,1.5,30,0,8,93
 5261,2021,319,0,9.5,0.5,10,0,8,94
 5261,2021,319,1,9.4,0.5,340,0,8,97
 5261,2021,319,2,9.5,1,340,0,8,97
 5261,2021,319,3,9.6,1,350,0,8,97
 5261,2021,319,4,9.4,0.5,350,0,7,97
 5261,2021,319,5,9.4,0.5,350,0,8,97
 5261,2021,319,6,9.3,0.5,340,0,8,97
 5261,2021,319,7,9.2,0.5,340,0,8,97
 5261,2021,319,8,9.1,0.5,330,0,8,97
 5261,2021,319,9,9.5,0.5,330,0,8,97
 5261,2021,319,10,10.4,1,360,0,7,92
 5261,2021,319,11,10.7,1,30,0,8,90
 5261,2021,319,12,10.7,1,350,0,8,88
 5261,2021,319,13,10.8,1,360,0,7,87
 5261,2021,319,14,10.9,1,10,0,8,85
 5261,2021,319,15,10.7,0.5,350,0,8,85
 5261,2021,319,16,10.3,1,350,0,8,84
 5261,2021,319,17,9.8,0.5,20,0,8,88
 5261,2021,319,18,9.3,0.5,30,0,8,90
 5261,2021,319,19,9.2,0.5,360,0,8,90
 5261,2021,319,20,9.2,1,350,0,8,88
 5261,2021,319,21,9.1,0.5,340,0,8,88
 5261,2021,319,22,9.1,340,0,8,88
 5261,2021,319,23,8.8,0.5,100,0,8,90
 5261,2021,320,0,8.9,0.5,350,0,8,88
 5261,2021,320,1,8.9,0.5,340,0,8,86
 5261,2021,320,2,8.6,0.5,330,0,8,89
 5261,2021,320,3,8.5,0.5,340,0,8,89
 5261,2021,320,4,8.2,1,340,0,8,87
 5261,2021,320,5,7.9,0.5,360,0,8,87
 5261,2021,320,6,5.5,0.5,280,0,6,94
 5261,2021,320,7,3.8,0.5,270,0,1,97
 5261,2021,320,8,2.8,0.5,280,0,0,98
 5261,2021,320,9,5,0.5,220,0,0,100
 5261,2021,320,10,9.6,0.5,190,0,0,87
 5261,2021,320,11,11.3,1.2,10,0,0,68
 5261,2021,320,12,11.1,1.5,230,0,6,66
 5261,2021,320,13,10.7,2.1,250,0,8,70
 5261,2021,320,14,11.2,1.2,30,0,7,70
 5261,2021,320,15,10.7,1.5,230,0,8,74
 5261,2021,320,16,10.2,1.5,230,0,8,78
 5261,2021,320,17,9.1,1,200,0,7,80
 5261,2021,320,18,8.6,1,220,0,7,85
 5261,2021,320,19,8.6,1.5,230,0,8,88
 5261,2021,320,20,8.8,1.5,250,0,8,89
 5261,2021,320,21,9.5,1.5,250,0,8,93
 5261,2021,320,22,8.9,2.1,250,0,8,92
 5261,2021,320,23,8.5,2.1,240,0,8,96
 5261,2021,321,0,7.9,2.1,240,0,4,97
 5261,2021,321,1,7.7,2.1,240,0,0,99
 5261,2021,321,2,7.4,2.1,280,0,0,97
 5261,2021,321,3,7.6,2.1,270,0,4,99
 5261,2021,321,4,6,1.5,260,0,1,97
 5261,2021,321,5,4.6,1.5,230,0,0,98
 5261,2021,321,6,4.1,1,250,0,0,98
 5261,2021,321,7,4.6,1.5,260,0,6,100
 5261,2021,321,8,4.4,1,260,0,1,100
 5261,2021,321,9,7.1,0.5,290,0,0,100
 5261,2021,321,10,9.2,1.5,300,0,0,86
 5261,2021,321,11,10.8,1.5,320,0,0,72

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,321,12,11.5,2.1,320,0,0,66
5261,2021,321,13,12,2.1,310,0,0,62
5261,2021,321,14,12,1.2,1,310,0,0,60
5261,2021,321,15,12,1.5,330,0,2,61
5261,2021,321,16,9.8,1,290,0,2,70
5261,2021,321,17,6.5,1,280,0,0,86
5261,2021,321,18,4.7,1,270,0,0,90
5261,2021,321,19,5.6,1.5,270,0,0,90
5261,2021,321,20,3.7,1.5,270,0,0,95
5261,2021,321,21,2.6,1,250,0,0,94
5261,2021,321,22,2.1,0.5,170,0,0,96
5261,2021,321,23,1.6,1.5,260,0,0,96
5261,2021,322,0,2.9,1.5,240,0,0,100
5261,2021,322,1,3.4,2.1,250,0,2,98
5261,2021,322,2,3.8,2.1,280,0,2,98
5261,2021,322,3,5.4,2.6,270,0,7,97
5261,2021,322,4,5,2.1,250,0,7,95
5261,2021,322,5,5.3,2.1,240,0,7,95
5261,2021,322,6,6.5,2.6,240,0,8,92
5261,2021,322,7,6,2.1,240,0,5,92
5261,2021,322,8,5.2,2.1,250,0,0,95
5261,2021,322,9,8.2,2.6,250,0,0,90
5261,2021,322,10,9.9,3.1,250,0,0,84
5261,2021,322,11,11.4,3.1,260,0,1,84
5261,2021,322,12,13,3.1,260,0,1,80
5261,2021,322,13,13,3.6,250,0,3,80
5261,2021,322,14,12.3,3.1,270,0,7,84
5261,2021,322,15,12.3,2.6,250,0,8,86
5261,2021,322,16,12,1.2,1,240,0,8,87
5261,2021,322,17,11.7,2.1,250,0,8,89
5261,2021,322,18,11.9,2.6,250,0,8,88
5261,2021,322,19,11.7,2.1,250,0,8,88
5261,2021,322,20,11.7,2.6,250,0,8,88
5261,2021,322,21,11.5,3.1,250,0,8,88
5261,2021,322,22,11.3,2.6,250,0,8,90
5261,2021,322,23,11.2,2.6,260,0,8,90
5261,2021,323,0,11,2.1,270,0,7,91
5261,2021,323,1,11,3.2,6,290,0,7,90
5261,2021,323,2,11,2.2,6,280,0,8,90
5261,2021,323,3,11,1.2,1,250,0,8,91
5261,2021,323,4,11,1.1,5,270,0,8,91
5261,2021,323,5,10.9,1,270,0,8,91
5261,2021,323,6,10.9,1.5,250,0,8,91
5261,2021,323,7,10.7,1,250,0,8,91
5261,2021,323,8,10.7,1,250,0,8,92
5261,2021,323,9,10.9,1,260,0,8,91
5261,2021,323,10,11,1.5,260,0,8,87
5261,2021,323,11,11,1.1,5,270,0,8,87
5261,2021,323,12,11,3,1,280,0,8,85
5261,2021,323,13,11.7,1.5,290,0,8,83
5261,2021,323,14,11,3,2.1,290,0,8,84
5261,2021,323,15,11,2,1.5,300,0,8,85
5261,2021,323,16,10.8,1,280,0,8,87
5261,2021,323,17,10.6,1.5,280,0,8,87
5261,2021,323,18,10.5,1,280,0,8,88
5261,2021,323,19,10.4,1,280,0,8,90
5261,2021,323,20,10.2,0.5,280,0,8,91
5261,2021,323,21,10,0,0,8,92
5261,2021,323,22,9.9,0.5,290,0,8,92
5261,2021,323,23,9.7,0.5,310,0,8,93
5261,2021,324,0,9.7,0.5,230,0,8,92
5261,2021,324,1,9.6,1.5,200,0,8,91
5261,2021,324,2,9.5,1.5,220,0,8,90
5261,2021,324,3,9.4,1.5,250,0,8,89
5261,2021,324,4,9.4,1.5,250,0,8,89
5261,2021,324,5,9.2,1.5,260,0,8,89
5261,2021,324,6,9.3,1,290,0,8,86

5261,2021,324,7,9,0.5,280,0,8,89
 5261,2021,324,8,8.9,0.5,270,0,8,90
 5261,2021,324,9,9.3,0.5,250,0,8,90
 5261,2021,324,10,10.3,1,230,0,8,86
 5261,2021,324,11,10.3,1,260,0,8,83
 5261,2021,324,12,10.3,1.5,270,0,8,84
 5261,2021,324,13,10.5,1.5,250,0,8,85
 5261,2021,324,14,10.1,1.5,280,0,8,87
 5261,2021,324,15,9.7,1,280,0,8,92
 5261,2021,324,16,9.5,1,270,0,7,89
 5261,2021,324,17,9.5,1,310,0,8,81
 5261,2021,324,18,9.1,1,270,0,8,84
 5261,2021,324,19,9.1,2.1,250,0,8,84
 5261,2021,324,20,9,1.5,280,0,8,86
 5261,2021,324,21,7.7,1,280,0,8,90
 5261,2021,324,22,6.9,1,280,0,8,94
 5261,2021,324,23,7.8,1.5,280,0,8,96
 5261,2021,325,0,8.5,1.5,280,0,8,90
 5261,2021,325,1,8.8,1.5,310,0,8,88
 5261,2021,325,2,8.6,1.5,310,0,7,89
 5261,2021,325,3,8.4,1.5,320,0,8,86
 5261,2021,325,4,8,1.5,340,0,8,86
 5261,2021,325,5,6.6,2.1,350,0,2,85
 5261,2021,325,6,5.4,1.5,340,0,0,89
 5261,2021,325,7,5.2,1.5,340,0,7,90
 5261,2021,325,8,4.8,2.1,360,0,0,89
 5261,2021,325,9,5.6,2.6,360,0,0,81
 5261,2021,325,10,6.4,3.1,10,0,0,76
 5261,2021,325,11,7.4,3.6,10,0,4,73
 5261,2021,325,12,7.4,3.6,10,0,8,77
 5261,2021,325,13,7.9,4.1,10,0,7,75
 5261,2021,325,14,7.8,4.1,10,0,7,72
 5261,2021,325,15,7.6,4.6,10,0,7,69
 5261,2021,325,16,7.4,4.6,10,0,7,69
 5261,2021,325,17,6.8,4.6,10,0,8,69
 5261,2021,325,18,6.4,1,10,0,7,74
 5261,2021,325,19,5.6,4.6,10,0,7,75
 5261,2021,325,20,4.7,4.1,10,0,6,79
 5261,2021,325,21,3.9,2.6,10,0,5,81
 5261,2021,325,22,3.3,2.1,360,0,2,86
 5261,2021,325,23,3.4,2.1,10,0,1,86
 5261,2021,326,0,3.5,3.6,10,0,0,88
 5261,2021,326,1,3.1,3.1,360,0,1,89
 5261,2021,326,2,2.7,2.6,360,0,0,91
 5261,2021,326,3,2.4,2.1,340,0,1,93
 5261,2021,326,4,2.5,1.5,340,0,0,91
 5261,2021,326,5,3.4,2.6,20,0,0,88
 5261,2021,326,6,3.7,2.6,20,0,0,88
 5261,2021,326,7,3.9,3.6,20,0,0,85
 5261,2021,326,8,4.1,4.1,10,0,0,83
 5261,2021,326,9,5.2,4.1,10,0,0,82
 5261,2021,326,10,6.5,4.6,10,0,0,80
 5261,2021,326,11,7.9,4.1,20,0,0,74
 5261,2021,326,12,9.4,6,20,0,0,72
 5261,2021,326,13,9.2,5.1,20,0,5,70
 5261,2021,326,14,9.4,5.1,20,0,1,68
 5261,2021,326,15,8.9,5.1,30,0,3,66
 5261,2021,326,16,7.8,4.1,30,0,0,70
 5261,2021,326,17,6.7,3.1,20,0,0,80
 5261,2021,326,18,6.1,2.6,20,0,0,83
 5261,2021,326,19,5.8,2.6,20,0,4,86
 5261,2021,326,20,5.2,6,20,0,0,88
 5261,2021,326,21,2.6,1,350,0,0,91
 5261,2021,326,22,2.4,1,350,0,0,98
 5261,2021,326,23,1.8,1,350,0,0,98
 5261,2021,327,0,1,0.5,30,0,0,98
 5261,2021,327,1,1.7,1.5,20,0,0,98

Emissions to air risk assessment
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5261,2021,327,2,0.8,1.5,360,0,0,98
5261,2021,327,3,-0.6,0.5,250,0,0,97
5261,2021,327,4,0,1,320,0,0,100
5261,2021,327,5,-0.8,0.5,320,0,6,97
5261,2021,327,6,-1.1,0.5,290,0,4,99
5261,2021,327,7,-1.2,1,310,0,4,97
5261,2021,327,8,-1.6,0.5,250,0,5,96
5261,2021,327,9,0.3,0.5,220,0,7,100
5261,2021,327,10,4.5,0.5,220,0,2,7,100
5261,2021,327,11,7.1,1,50,0,7,91
5261,2021,327,12,7.5,1.5,20,0,7,82
5261,2021,327,13,8.1,1.5,330,0,1,75
5261,2021,327,14,8.8,1.5,330,0,0,70
5261,2021,327,15,8.4,1.5,350,0,0,64
5261,2021,327,16,6.5,1,340,0,0,77
5261,2021,327,17,3.8,0.5,320,0,0,90
5261,2021,327,18,2.3,1,360,0,0,89
5261,2021,327,19,1.2,0.5,80,0,0,94
5261,2021,327,20,0.8,0.5,40,0,0,98
5261,2021,327,21,0.1,0.5,10,0,0,96
5261,2021,327,22,-0.3,0,0,0,0,98
5261,2021,327,23,-0.2,1,290,0,0,100
5261,2021,328,0,-1.4,0.5,320,0,1,94
5261,2021,328,1,-1.5,0,0,0,4,96
5261,2021,328,2,-1.4,0,0,0,-999,97
5261,2021,328,3,-0.6,0,0,0,-999,99
5261,2021,328,4,0.1,0,0,0,8,100
5261,2021,328,5,0.4,0,0,0,8,100
5261,2021,328,6,0.9,0,0,0,8,100
5261,2021,328,7,0.4,0,0,0,7,100
5261,2021,328,8,1.3,0.5,230,0,8,100
5261,2021,328,9,2.3,0.5,270,0,8,100
5261,2021,328,10,4.6,0.5,310,0,8,100
5261,2021,328,11,5.8,0.5,110,0,8,100
5261,2021,328,12,6.3,1,190,0,8,98
5261,2021,328,13,7.3,1,190,0,8,90
5261,2021,328,14,6.8,1.5,280,0,8,88
5261,2021,328,15,6.7,1,310,0,8,88
5261,2021,328,16,6.4,0.5,10,0,8,89
5261,2021,328,17,6.2,0.5,360,0,8,89
5261,2021,328,18,5.8,0.5,90,0,7,91
5261,2021,328,19,5.5,0.5,350,0,8,94
5261,2021,328,20,5.4,0.5,280,0,8,95
5261,2021,328,21,5.4,0.5,320,0,8,92
5261,2021,328,22,5.3,0.5,340,0,8,90
5261,2021,328,23,3.7,0.5,310,0,2,93
5261,2021,329,0,3,1,320,0,5,96
5261,2021,329,1,3.2,1.5,330,0,2,96
5261,2021,329,2,4,1,360,0,7,93
5261,2021,329,3,4.1,1,340,0,7,93
5261,2021,329,4,4.6,1.5,330,0,7,95
5261,2021,329,5,4.8,1,330,0,8,95
5261,2021,329,6,4,1.5,340,0,4,93
5261,2021,329,7,3.3,1,350,0,0,88
5261,2021,329,8,2.3,1.5,350,0,0,89
5261,2021,329,9,3.2,2.1,340,0,0,84
5261,2021,329,10,4.2,2.1,360,0,0,77
5261,2021,329,11,5.4,2.6,360,0,0,72
5261,2021,329,12,6.2,2.6,360,0,0,70
5261,2021,329,13,6.6,3.1,360,0,0,68
5261,2021,329,14,6.9,3.1,10,0,1,65
5261,2021,329,15,6.5,2.6,350,0,0,66
5261,2021,329,16,5.3,2.1,350,0,4,72
5261,2021,329,17,4.3,2.1,330,0,1,75
5261,2021,329,18,2.9,1.5,320,0,1,82
5261,2021,329,19,3.2,1,320,0,2,81
5261,2021,329,20,2.4,2.1,320,0,2,80

5261,2021,329,21,1.8,2.1,320,0,0,81
 5261,2021,329,22,1.6,1.5,310,0,5,83
 5261,2021,329,23,1.8,2.6,310,0,7,83
 5261,2021,330,0,1.4,2.6,290,0,8,85
 5261,2021,330,1,0.4,2.6,260,0,6,88
 5261,2021,330,2,1.5,2.6,260,0,7,85
 5261,2021,330,3,1.8,3.1,260,0,7,85
 5261,2021,330,4,2,3.1,250,0,8,87
 5261,2021,330,5,2.8,3.1,260,0,8,86
 5261,2021,330,6,3,3.1,260,0,8,88
 5261,2021,330,7,4.9,4.1,250,0,8,84
 5261,2021,330,8,5.8,4.6,260,0,8,83
 5261,2021,330,9,6.6,4.1,260,0,8,85
 5261,2021,330,10,6.7,4.1,260,0,2,8,91
 5261,2021,330,11,8.1,4.1,270,0,8,85
 5261,2021,330,12,8.7,4.6,280,0,8,81
 5261,2021,330,13,7.5,4.1,300,0,8,79
 5261,2021,330,14,9.3,3.1,300,0,7,74
 5261,2021,330,15,7.3,1,310,0,8,5,81
 5261,2021,330,16,5.9,3.6,300,0,2,8,79
 5261,2021,330,17,5.3,2.6,310,0,7,80
 5261,2021,330,18,4.9,3.1,310,0,5,79
 5261,2021,330,19,4.5,3.1,310,0,7,77
 5261,2021,330,20,3.8,3.1,300,0,5,75
 5261,2021,330,21,3.1,3.6,290,0,0,73
 5261,2021,330,22,3.1,3.6,300,0,4,74
 5261,2021,330,23,2.6,4.1,290,0,2,77
 5261,2021,331,0,3.1,4.6,280,0,7,76
 5261,2021,331,1,2.8,5.7,270,0,8,88
 5261,2021,331,2,2.5,5.7,280,1.2,8,93
 5261,2021,331,3,3.2,4.6,300,0.6,8,93
 5261,2021,331,4,3.1,5.1,310,0.2,8,92
 5261,2021,331,5,3,5.7,330,0,7,86
 5261,2021,331,6,3,3,4.6,340,0,8,85
 5261,2021,331,7,3,3,4.6,360,0,8,83
 5261,2021,331,8,3,2,4.1,360,0,8,86
 5261,2021,331,9,3,5,3.6,360,0,8,88
 5261,2021,331,10,4,4.1,360,0.2,7,85
 5261,2021,331,11,4.6,4.1,350,0,8,86
 5261,2021,331,12,4,4,4.1,350,0.4,7,90
 5261,2021,331,13,3,3,4.1,330,0.2,8,93
 5261,2021,331,14,3,6,5.1,330,0.2,8,90
 5261,2021,331,15,4,5,4.6,340,0,8,80
 5261,2021,331,16,4,2,5.1,340,0,8,77
 5261,2021,331,17,4,2,5.1,340,0,7,74
 5261,2021,331,18,3,2,5.7,330,0,8,79
 5261,2021,331,19,3,2,6,2,340,0,8,74
 5261,2021,331,20,3,2,5.1,340,0,7,73
 5261,2021,331,21,3,5.1,330,0,8,69
 5261,2021,331,22,2,8,5.7,330,0,7,70
 5261,2021,331,23,2,2,4.6,330,0,8,70
 5261,2021,332,0,1.8,3.6,330,0,8,71
 5261,2021,332,1,1.1,3.1,330,0,8,71
 5261,2021,332,2,0.7,3.6,330,0,5,72
 5261,2021,332,3,0.6,4.1,330,0,7,74
 5261,2021,332,4,0,4.1,330,0,4,74
 5261,2021,332,5,-0.1,4.1,330,0,0,74
 5261,2021,332,6,-0.4,3.6,330,0,0,74
 5261,2021,332,7,-0.8,3.6,320,0,0,75
 5261,2021,332,8,-0.9,2.6,320,0,0,74
 5261,2021,332,9,-0.4,3.1,310,0,0,72
 5261,2021,332,10,0.7,3.1,310,0,0,67
 5261,2021,332,11,1.8,3.1,320,0,0,60
 5261,2021,332,12,2.9,3.1,320,0,0,62
 5261,2021,332,13,3,3,3.1,330,0,0,59
 5261,2021,332,14,3,7,3.1,320,0,0,58
 5261,2021,332,15,3,3,2.6,330,0,3,53

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,332,16,2.2,1.5,310,0,7,53
5261,2021,332,17,2.3,2.1,310,0,8,52
5261,2021,332,18,2.1,5,320,0,8,56
5261,2021,332,19,2.3,2.1,320,0,8,61
5261,2021,332,20,1,2.1,310,0,8,76
5261,2021,332,21,-0.3,1.5,310,0,4,88
5261,2021,332,22,-0.8,1,320,0,0,93
5261,2021,332,23,-0.8,1.5,320,0,0,93
5261,2021,333,0,-0.6,1.5,330,0,0,91
5261,2021,333,1,-1.4,1.5,350,0,0,92
5261,2021,333,2,-1.4,1.5,330,0,3,92
5261,2021,333,3,-1.7,1,360,0,4,94
5261,2021,333,4,-1.1,2.1,330,0,7,95
5261,2021,333,5,-0.9,1.5,340,0,8,95
5261,2021,333,6,-1.1,1,350,0,7,93
5261,2021,333,7,-1.3,1,300,0,7,92
5261,2021,333,8,-1.4,0.5,280,0,8,94
5261,2021,333,9,0.1,1,300,0,6,96
5261,2021,333,10,0.8,1,260,0,5,88
5261,2021,333,11,1.5,1.5,320,0,5,85
5261,2021,333,12,2.6,1,310,0,2,82
5261,2021,333,13,3.2,1,290,0,4,81
5261,2021,333,14,2.7,2.6,260,0,7,82
5261,2021,333,15,2.6,2.1,250,0,8,82
5261,2021,333,16,1.8,2.1,260,0,8,83
5261,2021,333,17,0.6,2.1,250,0,7,84
5261,2021,333,18,-0.3,1.5,240,0,6,92
5261,2021,333,19,1.9,2.1,240,0,8,87
5261,2021,333,20,2.4,4.1,250,0,8,86
5261,2021,333,21,3.4,3.1,250,0,8,83
5261,2021,333,22,3.8,3.6,250,0,8,85
5261,2021,333,23,4.1,4.1,250,0,3,87
5261,2021,334,0,4.3,3.6,250,0,0,92
5261,2021,334,1,4.7,4.1,250,0,7,94
5261,2021,334,2,5.3,3.6,250,0,8,94
5261,2021,334,3,6.2,3.1,250,0,7,94
5261,2021,334,4,7.3,4.1,270,0,8,90
5261,2021,334,5,8.4,1,280,0,8,86
5261,2021,334,6,8.3,4.6,280,0,8,86
5261,2021,334,7,8.6,4.1,290,0,8,86
5261,2021,334,8,9.2,4.6,270,0,8,86
5261,2021,334,9,9.5,4.1,270,0,6,85
5261,2021,334,10,10.7,4.1,270,0,7,82
5261,2021,334,11,10.7,3.6,270,0,7,85
5261,2021,334,12,11.2,4.1,270,0,8,84
5261,2021,334,13,11.3,4.6,260,0,8,84
5261,2021,334,14,11.8,5.1,260,0,8,83
5261,2021,334,15,11.3,5.1,260,0,8,86
5261,2021,334,16,11.3,4.6,250,0,8,85
5261,2021,334,17,11.3,1,230,0,8,86
5261,2021,334,18,11.1,2.6,220,0,8,87
5261,2021,334,19,11.1,5.7,240,0,8,89
5261,2021,334,20,11.5,1,240,0,8,86
5261,2021,334,21,10.7,7.2,240,0,8,85
5261,2021,334,22,10.7,6.7,240,0,8,85
5261,2021,334,23,11.1,6.2,240,0,7,83
5261,2021,335,0,10.4,7.2,240,0,6,8,92
5261,2021,335,1,10.4,5.7,230,0,6,8,96
5261,2021,335,2,10.7,5.7,240,0,4,8,94
5261,2021,335,3,10.4,5.1,260,0,8,86
5261,2021,335,4,9.7,4.1,250,0,8,88
5261,2021,335,5,10.4,6,260,0,8,86
5261,2021,335,6,9.9,4.1,280,0,8,74
5261,2021,335,7,9.3,4.1,290,0,7,75
5261,2021,335,8,8.3,6,290,0,8,86
5261,2021,335,9,8.2,1,300,0,2,8,86
5261,2021,335,10,8.3,1,290,0,8,80

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,335,11,8,7,4,6,280,0,3,74
5261,2021,335,12,9,4,4,6,290,0,7,68
5261,2021,335,13,9,4,1,300,0,7,70
5261,2021,335,14,8,8,4,1,300,0,8,68
5261,2021,335,15,8,5,3,6,290,0,7,73
5261,2021,335,16,8,4,3,1,280,0,8,73
5261,2021,335,17,6,5,2,6,290,0,7,84
5261,2021,335,18,6,1,2,6,300,0,8,85
5261,2021,335,19,5,6,3,1,330,0,4,8,91
5261,2021,335,20,5,7,2,6,360,0,2,8,88
5261,2021,335,21,4,8,3,1,360,0,2,3,81
5261,2021,335,22,3,7,3,1,360,0,1,82
5261,2021,335,23,3,1,3,1,340,0,0,79
5261,2021,336,0,2,3,2,6,330,0,0,80
5261,2021,336,1,1,8,3,1,320,0,0,78
5261,2021,336,2,1,4,2,6,320,0,0,77
5261,2021,336,3,0,6,2,1,310,0,0,79
5261,2021,336,4,0,9,2,6,310,0,7,76
5261,2021,336,5,1,6,2,1,310,0,8,72
5261,2021,336,6,1,5,2,1,290,0,8,74
5261,2021,336,7,1,4,2,1,320,0,8,81
5261,2021,336,8,0,3,1,5,310,0,2,90
5261,2021,336,9,1,7,2,1,290,0,0,83
5261,2021,336,10,2,7,3,1,310,0,0,75
5261,2021,336,11,3,3,4,1,320,0,2,0,69
5261,2021,336,12,4,4,1,340,0,0,68
5261,2021,336,13,4,3,3,6,340,0,0,66
5261,2021,336,14,4,7,3,6,330,0,0,65
5261,2021,336,15,4,4,3,1,330,0,0,66
5261,2021,336,16,2,9,2,6,330,0,0,72
5261,2021,336,17,2,2,1,320,0,0,74
5261,2021,336,18,1,1,5,310,0,0,76
5261,2021,336,19,1,2,1,310,0,0,74
5261,2021,336,20,-0,4,1,5,270,0,7,82
5261,2021,336,21,-1,1,5,230,0,7,86
5261,2021,336,22,0,5,1,5,270,0,8,81
5261,2021,336,23,1,1,2,1,260,0,7,79
5261,2021,337,0,0,8,2,6,240,0,8,80
5261,2021,337,1,0,7,1,5,230,0,8,81
5261,2021,337,2,1,5,2,1,240,0,8,81
5261,2021,337,3,2,4,3,1,260,0,7,77
5261,2021,337,4,1,6,2,1,250,0,8,87
5261,2021,337,5,2,3,2,1,240,0,2,8,91
5261,2021,337,6,2,9,2,1,200,0,4,8,96
5261,2021,337,7,5,3,1,210,0,2,7,98
5261,2021,337,8,5,9,5,1,230,0,4,8,98
5261,2021,337,9,6,9,4,1,260,0,7,97
5261,2021,337,10,7,9,3,1,240,0,8,97
5261,2021,337,11,8,7,2,1,240,0,8,99
5261,2021,337,12,9,4,2,6,260,0,8,95
5261,2021,337,13,9,8,2,6,290,0,8,89
5261,2021,337,14,9,9,1,5,280,0,7,90
5261,2021,337,15,9,1,1,300,0,8,89
5261,2021,337,16,8,3,1,260,0,8,92
5261,2021,337,17,7,4,0,5,240,0,8,94
5261,2021,337,18,6,4,0,5,230,0,8,97
5261,2021,337,19,6,1,240,0,8,97
5261,2021,337,20,5,7,0,5,60,0,8,98
5261,2021,337,21,5,6,0,5,340,0,8,98
5261,2021,337,22,5,7,0,5,230,0,8,100
5261,2021,337,23,6,4,0,5,20,0,8,100
5261,2021,338,0,6,3,0,5,50,0,8,98
5261,2021,338,1,6,2,0,5,290,0,8,100
5261,2021,338,2,6,1,260,0,8,100
5261,2021,338,3,6,3,1,220,0,8,100
5261,2021,338,4,5,9,1,5,220,0,8,100
5261,2021,338,5,5,9,0,5,240,0,8,100

Emissions to air risk assessment
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5261,2021,338,6,6,6,1.5,250,2,8,100
5261,2021,338,7,6,8,2.1,280,2,8,99
5261,2021,338,8,6,6,2.6,300,0,8,91
5261,2021,338,9,5,8,3.1,290,0,3,86
5261,2021,338,10,6,3,3.6,280,0,0,79
5261,2021,338,11,6,3,3.6,270,0,0,76
5261,2021,338,12,7,4,1,280,0,2,71
5261,2021,338,13,7,5,4,6,290,0,1,65
5261,2021,338,14,7,3,5,1,280,0,6,66
5261,2021,338,15,7,3,4,6,280,0,5,64
5261,2021,338,16,6,4,1,270,0,2,67
5261,2021,338,17,5,1,3,6,250,0,0,72
5261,2021,338,18,4,7,4,1,250,0,0,74
5261,2021,338,19,4,3,4,1,250,0,6,74
5261,2021,338,20,4,2,4,1,250,0,8,79
5261,2021,338,21,4,8,5,1,260,0,7,74
5261,2021,338,22,5,4,6,260,0,8,76
5261,2021,338,23,5,5,1,260,0,8,78
5261,2021,339,0,5,3,4,6,270,0,8,76
5261,2021,339,1,5,4,4,1,270,0,8,77
5261,2021,339,2,5,1,4,6,260,0,2,8,81
5261,2021,339,3,4,7,3,6,290,0,8,87
5261,2021,339,4,4,4,3,6,310,0,2,8,87
5261,2021,339,5,4,5,3,1,300,0,8,84
5261,2021,339,6,4,8,4,1,310,0,8,81
5261,2021,339,7,4,8,3,6,310,0,7,82
5261,2021,339,8,4,7,4,6,310,0,2,8,82
5261,2021,339,9,4,7,4,6,320,0,8,82
5261,2021,339,10,5,3,4,6,320,0,8,81
5261,2021,339,11,6,4,6,330,0,7,80
5261,2021,339,12,5,9,4,1,330,0,8,82
5261,2021,339,13,5,9,4,6,330,0,8,83
5261,2021,339,14,5,6,4,1,330,0,8,89
5261,2021,339,15,5,5,3,6,320,0,2,8,92
5261,2021,339,16,5,7,3,6,330,0,4,8,94
5261,2021,339,17,6,3,1,340,0,8,91
5261,2021,339,18,6,1,3,1,340,0,8,88
5261,2021,339,19,5,9,3,6,340,0,8,88
5261,2021,339,20,5,9,3,1,340,0,8,86
5261,2021,339,21,5,6,3,1,340,0,7,86
5261,2021,339,22,5,5,3,1,340,0,7,86
5261,2021,339,23,5,2,2,6,330,0,7,86
5261,2021,340,0,4,8,2,1,320,0,8,89
5261,2021,340,1,4,2,6,310,0,8,92
5261,2021,340,2,3,6,2,1,320,0,7,91
5261,2021,340,3,2,9,1,5,320,0,8,93
5261,2021,340,4,2,9,1,5,330,0,8,95
5261,2021,340,5,2,4,1,240,0,8,96
5261,2021,340,6,1,4,1,240,0,8,98
5261,2021,340,7,1,4,1,220,0,8,98
5261,2021,340,8,1,1,1,5,200,0,8,98
5261,2021,340,9,2,1,1,210,0,8,100
5261,2021,340,10,4,1,2,1,190,0,8,98
5261,2021,340,11,5,1,2,1,200,0,4,8,95
5261,2021,340,12,5,9,2,1,180,0,2,8,95
5261,2021,340,13,6,5,4,6,210,0,4,8,85
5261,2021,340,14,5,8,4,1,220,1,8,8,95
5261,2021,340,15,5,8,5,1,210,1,8,7,95
5261,2021,340,16,5,9,2,6,240,0,2,8,95
5261,2021,340,17,4,7,2,1,250,0,3,95
5261,2021,340,18,4,6,2,6,260,0,3,92
5261,2021,340,19,4,4,3,1,270,0,0,84
5261,2021,340,20,3,4,3,1,280,0,0,84
5261,2021,340,21,3,1,3,1,260,0,0,86
5261,2021,340,22,2,4,2,1,250,0,0,89
5261,2021,340,23,2,5,3,1,240,0,0,88
5261,2021,341,0,2,6,3,1,250,0,0,87

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,341,1,2.3,3.1,260,0,0,89
5261,2021,341,2,2.2,2.6,260,0,3,89
5261,2021,341,3,2.4,3.1,260,0,8,88
5261,2021,341,4,1.4,2.6,250,0,5,89
5261,2021,341,5,0.3,1.5,230,0,7,92
5261,2021,341,6,-0.4,0.5,170,0,8,95
5261,2021,341,7,-0.5,0.5,100,0,8,98
5261,2021,341,8,0.6,0.5,70,0,8,98
5261,2021,341,9,3.3,3.1,140,0,8,91
5261,2021,341,10,5.3,1.1,150,0,7,90
5261,2021,341,11,7.7,4.6,150,0,8,80
5261,2021,341,12,6.9,5.7,160,1.2,8,93
5261,2021,341,13,7.3,6.2,160,1.6,8,96
5261,2021,341,14,7.4,7.2,170,3,8,96
5261,2021,341,15,7.4,7.7,160,2.4,8,96
5261,2021,341,16,7.9,8.2,160,3,8,97
5261,2021,341,17,4.9,4.1,200,6.6,8,97
5261,2021,341,18,5.4,2.1,200,0,7,98
5261,2021,341,19,4.9,2.1,230,0,8,97
5261,2021,341,20,5.9,3.6,220,0.2,6,91
5261,2021,341,21,5.4,3.1,240,0,8,84
5261,2021,341,22,4.6,2.6,240,0,6,86
5261,2021,341,23,5.3,3.6,230,0,0,83
5261,2021,342,0,5.6,5.1,230,0,3,82
5261,2021,342,1,5.7,4.6,240,0,0,83
5261,2021,342,2,5.6,4.6,250,0,0,83
5261,2021,342,3,5.4,4.6,250,0,5,83
5261,2021,342,4,5.7,3.6,230,0,7,85
5261,2021,342,5,5.9,4.1,250,0,8,76
5261,2021,342,6,5.7,4.6,250,0,5,74
5261,2021,342,7,5.3,4.6,230,0,5,75
5261,2021,342,8,5.3,4.6,240,0,1,77
5261,2021,342,9,5.7,5.1,230,0,5,76
5261,2021,342,10,7.8,4.6,220,0,7,67
5261,2021,342,11,7.2,5.7,240,0,6,67
5261,2021,342,12,8.6,2.2,250,0,6,64
5261,2021,342,13,7.8,6.2,260,0,6,67
5261,2021,342,14,7.6,5.7,260,0,7,68
5261,2021,342,15,7.4,5.1,260,0,3,65
5261,2021,342,16,6.6,4.6,260,0,1,68
5261,2021,342,17,6.4,6.2,270,0,3,70
5261,2021,342,18,5.1,3.6,260,0,1,75
5261,2021,342,19,4.7,3.6,250,0,2,74
5261,2021,342,20,3.6,3.1,240,0,7,76
5261,2021,342,21,5.1,3.6,250,0,7,76
5261,2021,342,22,4.7,3.6,250,0,8,78
5261,2021,342,23,4.7,4.6,250,0,2,8,89
5261,2021,343,0,4.5,4.6,260,0,8,84
5261,2021,343,1,4.7,4.1,240,0,8,84
5261,2021,343,2,5.1,4.1,250,0,8,78
5261,2021,343,3,5.1,3.6,240,0,7,76
5261,2021,343,4,4.8,4.1,260,0,3,78
5261,2021,343,5,4.1,3.6,270,0,0,78
5261,2021,343,6,3.9,3.6,270,0,0,80
5261,2021,343,7,3.1,3.1,280,0,0,83
5261,2021,343,8,3.1,3.6,270,0,4,84
5261,2021,343,9,3.6,3.1,260,0,7,83
5261,2021,343,10,4.2,2.1,230,0,8,82
5261,2021,343,11,6.7,2.6,230,0,5,75
5261,2021,343,12,7.3,3.1,240,0,5,69
5261,2021,343,13,7.7,3.1,240,0,8,68
5261,2021,343,14,7.7,3.1,240,0,2,69
5261,2021,343,15,7.7,2.1,210,0,0,69
5261,2021,343,16,5.3,1.5,200,0,1,78
5261,2021,343,17,3.9,1,200,0,7,85
5261,2021,343,18,6.2,1.5,190,0,8,89
5261,2021,343,19,7.3,3.6,180,0,8,8,96

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,343,20,7.2,3.6,180,0.2,8,96
5261,2021,343,21,7.5,3.6,170,1.2,7,99
5261,2021,343,22,7.8,3.6,170,0.8,8,98
5261,2021,343,23,7.8,3.1,170,4.4,8,98
5261,2021,344,0,7.6,1.5,220,2,8,99
5261,2021,344,1,8,2.6,300,0.2,8,96
5261,2021,344,2,7.6,3.6,310,0.2,8,93
5261,2021,344,3,7.2,4.1,310,1.6,8,91
5261,2021,344,4,6.6,4.1,310,1,8,91
5261,2021,344,5,6.2,4.6,310,0,8,82
5261,2021,344,6,5.7,4.1,310,0,8,83
5261,2021,344,7,4.8,4.1,300,0,8,79
5261,2021,344,8,4.4,3.6,310,0,7,79
5261,2021,344,9,4.3,3.1,310,0,2,80
5261,2021,344,10,5.2,3.6,310,0,2,75
5261,2021,344,11,6.1,4.1,310,0,2,71
5261,2021,344,12,6.6,4.1,310,0,2,71
5261,2021,344,13,6.7,4.1,310,0,1,65
5261,2021,344,14,7.4,1,310,0,6,66
5261,2021,344,15,6.6,3.6,310,0,6,65
5261,2021,344,16,6.5,3.1,310,0,7,66
5261,2021,344,17,6.2,2.6,300,0,7,69
5261,2021,344,18,5.6,3.1,300,0,3,72
5261,2021,344,19,4.5,2.6,300,0,0,77
5261,2021,344,20,4.2,2.6,300,0,0,80
5261,2021,344,21,3.7,2.1,310,0,0,80
5261,2021,344,22,3.5,2.1,310,0,0,80
5261,2021,344,23,1.9,2.6,310,0,0,87
5261,2021,345,0,2,2.6,310,0,2,87
5261,2021,345,1,3.3,2.6,300,0,7,83
5261,2021,345,2,2.8,2.6,300,0,3,84
5261,2021,345,3,3.4,2.6,300,0,1,83
5261,2021,345,4,3.6,2.1,310,0,7,85
5261,2021,345,5,4.2,2.1,310,0,8,80
5261,2021,345,6,2.1,1.5,230,0,8,89
5261,2021,345,7,2.4,1.5,240,0,8,89
5261,2021,345,8,2.2,1.5,240,0,8,89
5261,2021,345,9,2.8,1.5,230,0,8,91
5261,2021,345,10,4.7,1,230,0,8,85
5261,2021,345,11,5.8,1.5,210,0,8,80
5261,2021,345,12,6.9,2.1,240,0,7,78
5261,2021,345,13,7.1,2.6,230,0,8,78
5261,2021,345,14,7.2,2.1,220,0,8,81
5261,2021,345,15,7.9,2.1,210,0,8,82
5261,2021,345,16,8.4,2.6,210,0,8,83
5261,2021,345,17,8.3,1,210,0.6,8,93
5261,2021,345,18,8.3,3.1,230,1,8,99
5261,2021,345,19,9.1,3.1,240,0.8,8,99
5261,2021,345,20,9.7,3.6,230,0.4,8,99
5261,2021,345,21,10,3.6,260,0,8,99
5261,2021,345,22,10.4,2.6,230,0,8,99
5261,2021,345,23,10.4,2.1,250,0,8,99
5261,2021,346,0,10.2,1.5,230,0,8,99
5261,2021,346,1,10.7,3.1,260,0,8,99
5261,2021,346,2,10.7,2.6,230,0.2,8,97
5261,2021,346,3,10.7,3.1,260,0,8,97
5261,2021,346,4,11.2,2.6,230,0,8,99
5261,2021,346,5,11.4,3.1,230,0,8,99
5261,2021,346,6,11.7,2.6,230,0,8,98
5261,2021,346,7,11.6,2.6,220,0,8,96
5261,2021,346,8,11.5,3.1,230,0,8,95
5261,2021,346,9,11.4,3.6,250,0,8,95
5261,2021,346,10,11.8,3.1,230,0,8,95
5261,2021,346,11,12.2,3.6,230,0,8,93
5261,2021,346,12,12.4,4.1,240,0,8,93
5261,2021,346,13,12.6,4.1,240,0,8,92
5261,2021,346,14,12.6,4.1,240,0,8,92

5261,2021,346,15,12.2,3.6,240,0,8,91
5261,2021,346,16,11.3,3.6,240,0,8,95
5261,2021,346,17,11.1,3.1,240,0,2,8,96
5261,2021,346,18,10.9,3.6,220,0,8,92
5261,2021,346,19,11.3,6,220,0,8,89
5261,2021,346,20,11.1,3.6,220,0,8,89
5261,2021,346,21,11.1,3.6,220,0,8,85
5261,2021,346,22,11.1,3.6,230,0,8,84
5261,2021,346,23,11.4,6,240,0,8,86
5261,2021,347,0,11.4,1,220,0,7,85
5261,2021,347,1,10.4,4.1,220,0,8,91
5261,2021,347,2,10.4,4.1,220,0,8,91
5261,2021,347,3,10.5,4.1,220,0,7,92
5261,2021,347,4,10.1,4.1,210,0,8,92
5261,2021,347,5,10.5,3.6,220,0,8,92
5261,2021,347,6,10.4,3.6,210,0,8,93
5261,2021,347,7,10.5,4.1,210,0,7,92
5261,2021,347,8,10.3,3.6,210,0,7,92
5261,2021,347,9,10.4,2.6,200,0,8,90
5261,2021,347,10,10.5,3.1,220,0,7,91
5261,2021,347,11,10.8,3.1,210,0,8,87
5261,2021,347,12,11.3,1,210,0,7,81
5261,2021,347,13,11.2,3.6,210,0,7,82
5261,2021,347,14,11.3,6,210,0,8,82
5261,2021,347,15,10.7,3.6,210,0,8,85
5261,2021,347,16,10.1,4.1,210,0,7,83
5261,2021,347,17,9.8,3.1,210,0,8,83
5261,2021,347,18,9.5,2.6,200,0,8,84
5261,2021,347,19,9.5,2.6,200,0,7,85
5261,2021,347,20,9.3,2.1,210,0,8,86
5261,2021,347,21,9.2,2.1,220,0,8,88
5261,2021,347,22,9.1,2.1,210,0,8,89
5261,2021,347,23,9.1,2.1,230,0,8,89
5261,2021,348,0,9.2,2.1,220,0,8,89
5261,2021,348,1,9.3,2.1,220,0,8,90
5261,2021,348,2,9.4,2.6,220,0,8,93
5261,2021,348,3,9.6,2.6,230,0,8,95
5261,2021,348,4,9.8,2.1,230,0,8,96
5261,2021,348,5,9.9,2.1,220,0,8,96
5261,2021,348,6,10.1,5,210,0,8,96
5261,2021,348,7,9.9,2.1,210,0,7,96
5261,2021,348,8,10.2,1,230,0,7,97
5261,2021,348,9,10.5,1.5,220,0,8,97
5261,2021,348,10,11.1,2.1,230,0,8,95
5261,2021,348,11,11.4,2.1,220,0,8,94
5261,2021,348,12,12.2,2.6,220,0,7,89
5261,2021,348,13,12.2,2.6,230,0,8,87
5261,2021,348,14,12.2,2.6,220,0,8,87
5261,2021,348,15,11.8,3.1,210,0,8,89
5261,2021,348,16,11.6,3.1,210,0,8,88
5261,2021,348,17,11.2,2.6,220,0,8,91
5261,2021,348,18,11.2,1,220,0,8,92
5261,2021,348,19,10.7,2.1,220,0,8,92
5261,2021,348,20,10.7,2.1,210,0,7,94
5261,2021,348,21,10.8,2.6,230,0,8,95
5261,2021,348,22,10.7,2.6,220,0,8,95
5261,2021,348,23,10.8,3.6,220,0,8,95
5261,2021,349,0,10.6,2.6,220,0,8,95
5261,2021,349,1,10.8,2.6,230,0,8,95
5261,2021,349,2,11.2,6,230,0,8,95
5261,2021,349,3,10.9,2.6,230,0,8,94
5261,2021,349,4,10.7,1.5,220,0,8,92
5261,2021,349,5,10.6,1,210,0,8,94
5261,2021,349,6,10.6,1,220,0,7,95
5261,2021,349,7,10.8,1.5,220,0,8,96
5261,2021,349,8,10.9,2.1,220,0,8,94
5261,2021,349,9,11.1,5,220,0,8,94

Emissions to air risk assessment
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5261,2021,349,10,11.3,1.5,240,0,8,92
5261,2021,349,11,11.9,1,230,0,8,90
5261,2021,349,12,12.2,1,240,0,8,89
5261,2021,349,13,12.1,2.6,240,0,8,88
5261,2021,349,14,12.1,2.6,230,0,8,86
5261,2021,349,15,11.7,2.6,220,0,8,89
5261,2021,349,16,11.5,1.5,230,0,8,88
5261,2021,349,17,11.1,1.5,230,0,8,89
5261,2021,349,18,11,1.5,240,0,8,87
5261,2021,349,19,11.1,1.5,250,0,8,85
5261,2021,349,20,10.9,1.5,250,0,8,84
5261,2021,349,21,10.6,1,240,0,8,83
5261,2021,349,22,10.1,1,240,0,8,88
5261,2021,349,23,9.8,1,240,0,8,89
5261,2021,350,0,9.6,1.5,230,0,8,91
5261,2021,350,1,10,1.5,250,0,8,89
5261,2021,350,2,10.1,1.5,260,0,8,85
5261,2021,350,3,10.4,1.5,260,0,8,78
5261,2021,350,4,10.3,1.5,270,0,8,78
5261,2021,350,5,10.3,1.5,270,0,8,77
5261,2021,350,6,10.3,1.5,270,0,8,74
5261,2021,350,7,9.8,1,270,0,8,80
5261,2021,350,8,10,1,290,0,8,75
5261,2021,350,9,9.6,1,280,0,8,81
5261,2021,350,10,10.1,0.5,290,0,8,79
5261,2021,350,11,10.5,0.5,320,0,8,77
5261,2021,350,12,10.8,0,0,0,8,78
5261,2021,350,13,10.9,0.5,10,0,8,76
5261,2021,350,14,10.8,0.5,320,0,8,77
5261,2021,350,15,10.5,0.5,360,0,8,78
5261,2021,350,16,10,0.5,10,0,8,83
5261,2021,350,17,9.5,0.5,30,0,8,85
5261,2021,350,18,9.2,0.5,350,0,8,86
5261,2021,350,19,9.2,0.5,50,0,8,85
5261,2021,350,20,9.8,1.5,40,0,8,78
5261,2021,350,21,9.8,1.5,40,0,8,76
5261,2021,350,22,9.4,1.5,40,0,8,78
5261,2021,350,23,9.2,1.5,30,0,8,78
5261,2021,351,0,9,1.5,40,0,8,79
5261,2021,351,1,9,1.5,40,0,8,79
5261,2021,351,2,9.2,1.5,40,0,8,77
5261,2021,351,3,9,1,40,0,8,79
5261,2021,351,4,9.2,2.1,50,0,8,78
5261,2021,351,5,9.2,2.1,50,0,8,76
5261,2021,351,6,8.9,2.1,40,0,8,77
5261,2021,351,7,8.7,2.1,40,0,8,81
5261,2021,351,8,8.7,2.1,50,0,8,88
5261,2021,351,9,8.5,3.1,50,0,8,89
5261,2021,351,10,8.6,3.1,50,0,8,87
5261,2021,351,11,7.9,4.6,50,0,8,90
5261,2021,351,12,7.3,4.6,50,0,8,91
5261,2021,351,13,7.4,1.5,0,0,8,92
5261,2021,351,14,7.3,3.1,40,0,8,96
5261,2021,351,15,7.9,3.1,40,0,8,96
5261,2021,351,16,8.4,1.5,0,0,8,94
5261,2021,351,17,8.3,4.1,40,0,8,93
5261,2021,351,18,8.2,4.1,50,0,8,91
5261,2021,351,19,8.2,4.1,50,0,8,91
5261,2021,351,20,8.2,4.6,60,0,8,90
5261,2021,351,21,8.5,1.60,0,8,96
5261,2021,351,22,8.1,4.6,60,0,8,96
5261,2021,351,23,8.4,1.60,0,8,97
5261,2021,352,0,7.8,4.6,70,0,8,97
5261,2021,352,1,7.8,5.1,60,0,8,94
5261,2021,352,2,7.5,5.1,70,0,7,91
5261,2021,352,3,7.2,5.7,70,0,8,94
5261,2021,352,4,7.2,4.6,80,0,8,96

5261,2021,352,5,7,4,6,80,0,8,97
5261,2021,352,6,6,9,4,1,70,0,8,98
5261,2021,352,7,7,4,6,70,0,8,97
5261,2021,352,8,7,3,5,1,70,0,8,97
5261,2021,352,9,7,3,5,1,80,0,8,96
5261,2021,352,10,7,5,4,6,70,0,8,96
5261,2021,352,11,7,7,4,6,70,0,8,93
5261,2021,352,12,8,1,4,6,60,0,8,91
5261,2021,352,13,8,4,6,60,0,8,91
5261,2021,352,14,8,4,1,60,0,8,90
5261,2021,352,15,7,6,3,6,60,0,8,90
5261,2021,352,16,7,6,3,6,50,0,8,93
5261,2021,352,17,7,4,4,1,50,0,8,97
5261,2021,352,18,7,4,3,1,50,0,8,98
5261,2021,352,19,7,3,4,1,50,0,8,97
5261,2021,352,20,7,1,3,6,50,0,8,98
5261,2021,352,21,7,2,3,1,60,0,8,98
5261,2021,352,22,7,3,2,6,50,0,8,98
5261,2021,352,23,7,2,2,6,60,0,8,98
5261,2021,353,0,6,8,2,1,50,0,8,99
5261,2021,353,1,6,4,2,6,50,0,8,98
5261,2021,353,2,6,2,2,1,40,0,8,100
5261,2021,353,3,5,6,2,6,40,0,8,100
5261,2021,353,4,4,8,2,6,50,0,8,100
5261,2021,353,5,4,2,2,6,50,0,8,100
5261,2021,353,6,4,8,1,5,50,0,8,100
5261,2021,353,7,4,4,1,5,40,0,8,100
5261,2021,353,8,4,3,2,1,40,0,8,100
5261,2021,353,9,4,2,1,10,0,8,100
5261,2021,353,10,4,3,1,10,0,8,100
5261,2021,353,11,4,6,1,5,20,0,7,100
5261,2021,353,12,5,3,1,5,10,0,8,100
5261,2021,353,13,5,5,2,6,30,0,8,100
5261,2021,353,14,5,6,2,6,20,0,8,100
5261,2021,353,15,4,9,3,1,10,0,8,100
5261,2021,353,16,4,3,2,6,20,0,8,100
5261,2021,353,17,4,1,3,1,20,0,8,100
5261,2021,353,18,3,8,3,1,30,0,8,100
5261,2021,353,19,3,4,6,40,0,8,100
5261,2021,353,20,3,3,2,6,30,0,8,100
5261,2021,353,21,3,9,1,5,360,0,8,100
5261,2021,353,22,4,5,1,5,10,0,8,100
5261,2021,353,23,5,6,3,6,30,0,8,97
5261,2021,354,0,5,7,3,6,40,0,2,8,95
5261,2021,354,1,5,6,3,6,50,0,8,95
5261,2021,354,2,5,7,3,6,40,0,8,91
5261,2021,354,3,5,4,3,1,40,0,8,94
5261,2021,354,4,5,6,2,6,40,0,8,89
5261,2021,354,5,5,4,2,6,30,0,8,94
5261,2021,354,6,5,5,2,6,40,0,7,90
5261,2021,354,7,5,4,2,6,40,0,7,94
5261,2021,354,8,5,6,2,6,40,0,8,90
5261,2021,354,9,5,8,3,1,50,0,7,92
5261,2021,354,10,6,2,2,6,40,0,8,91
5261,2021,354,11,6,3,3,1,50,0,8,92
5261,2021,354,12,6,8,3,1,50,0,7,85
5261,2021,354,13,-999,3,1,50,0,-999,-999
5261,2021,354,14,-999,2,6,60,0,-999,-999
5261,2021,354,15,6,9,3,1,60,0,8,-999
5261,2021,354,16,6,5,2,6,60,0,8,-999
5261,2021,354,17,6,3,2,6,50,0,8,-999
5261,2021,354,18,6,1,2,6,50,0,8,-999
5261,2021,354,19,5,2,2,1,40,0,8,-999
5261,2021,354,20,5,1,1,60,0,8,-999
5261,2021,354,21,5,2,2,1,80,0,8,-999
5261,2021,354,22,5,1,5,50,0,8,-999
5261,2021,354,23,4,9,2,1,50,0,8,-999

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,355,0,4.8,1.5,50,0,8,-999
5261,2021,355,1,4.7,1.5,40,0,8,-999
5261,2021,355,2,4.5,1,30,0,8,-999
5261,2021,355,3,4.3,1,20,0,8,-999
5261,2021,355,4,4.2,1,20,0,8,-999
5261,2021,355,5,3.8,0.5,30,0,8,-999
5261,2021,355,6,3.9,1,70,0,8,-999
5261,2021,355,7,4.2,2.1,80,0,8,-999
5261,2021,355,8,4.4,2.1,80,0,8,-999
5261,2021,355,9,4.1,2.1,90,0,8,-999
5261,2021,355,10,4.5,2.6,80,0,8,-999
5261,2021,355,11,5.2,1,80,0,8,-999
5261,2021,355,12,5.4,2.6,110,0,8,-999
5261,2021,355,13,5.3,3.6,90,0,8,-999
5261,2021,355,14,5.1,3.1,100,0,8,-999
5261,2021,355,15,4.8,3.1,90,0,8,-999
5261,2021,355,16,4.2,2.6,90,0,8,-999
5261,2021,355,17,2.3,2.6,80,0,3,-999
5261,2021,355,18,0.6,2.1,70,0,0,-999
5261,2021,355,19,-1.2,0.5,40,0,0,-999
5261,2021,355,20,-1.8,0.5,70,0,0,-999
5261,2021,355,21,-2.3,0.5,50,0,0,-999
5261,2021,355,22,-3.1,0.5,360,0,0,-999
5261,2021,355,23,-3.6,0.5,350,0,0,-999
5261,2021,356,0,-3.4,1,50,0,0,-999
5261,2021,356,1,-3.2,1.5,60,0,0,-999
5261,2021,356,2,-3.8,0.5,30,0,0,-999
5261,2021,356,3,-3.7,1,50,0,0,-999
5261,2021,356,4,-4.2,1,40,0,6,-999
5261,2021,356,5,-4.7,0.5,30,0,6,-999
5261,2021,356,6,-4.6,0.5,40,0,1,-999
5261,2021,356,7,-5.1,0.5,340,0,1,-999
5261,2021,356,8,-5.1,0.5,50,0,4,-999
5261,2021,356,9,-4,1,60,0,2,-999
5261,2021,356,10,-1.4,0.5,340,0,7,-999
5261,2021,356,11,0.4,1,30,0,5,-999
5261,2021,356,12,3.9,2.6,130,0,6,-999
5261,2021,356,13,4.3,3.1,130,0,8,-999
5261,2021,356,14,4.4,3.1,130,0,8,-999
5261,2021,356,15,4.3,1,150,0,7,-999
5261,2021,356,16,3.3,3.1,130,0,8,-999
5261,2021,356,17,3.3,1,140,0,8,-999
5261,2021,356,18,2.2,2.1,140,0,8,-999
5261,2021,356,19,2.9,2.1,130,0,8,-999
5261,2021,356,20,2.1,2.1,130,0,3,-999
5261,2021,356,21,1.9,1.5,150,0,7,-999
5261,2021,356,22,2.9,1,120,0,8,-999
5261,2021,356,23,2.9,1.5,120,0,8,-999
5261,2021,357,0,3.1,1.5,130,0,8,-999
5261,2021,357,1,3.5,1.5,130,0,8,-999
5261,2021,357,2,3.5,1,120,0,8,-999
5261,2021,357,3,4.4,1.5,140,0,7,-999
5261,2021,357,4,5.2,1.5,150,0,8,-999
5261,2021,357,5,5.1,1,150,0,8,-999
5261,2021,357,6,5.5,1,70,0,8,-999
5261,2021,357,7,7.5,2.6,200,0,8,-999
5261,2021,357,8,7.5,3.1,220,0,8,-999
5261,2021,357,9,7.3,3.1,210,0,8,-999
5261,2021,357,10,7.5,3.1,220,0,8,-999
5261,2021,357,11,7.7,4.1,220,0,8,-999
5261,2021,357,12,8.7,3.6,210,0,7,-999
5261,2021,357,13,9.5,3.1,220,0,8,-999
5261,2021,357,14,9.5,4.1,230,0,8,-999
5261,2021,357,15,9.5,3.6,220,0,2,7,-999
5261,2021,357,16,9.7,4.1,220,0,8,-999
5261,2021,357,17,10.3,6.2,220,0,2,8,-999
5261,2021,357,18,10.2,3.1,220,0,8,-999

5261,2021,357,19,10.6,3.1,230,0,8,-999
 5261,2021,357,20,9.7,2.1,230,0,7,-999
 5261,2021,357,21,7.9,2.1,240,0,5,-999
 5261,2021,357,22,8.1,2.6,240,0,3,-999
 5261,2021,357,23,7.8,2.6,250,0,0,-999
 5261,2021,358,0,7.6,3.1,250,0,0,-999
 5261,2021,358,1,7.8,1.5,210,0,2,7,-999
 5261,2021,358,2,8.1,1.5,250,0,8,-999
 5261,2021,358,3,8.3,1,220,0,8,-999
 5261,2021,358,4,8.1,0.5,150,0,7,-999
 5261,2021,358,5,8.4,0.5,130,0,8,-999
 5261,2021,358,6,8.3,0.5,230,0,8,-999
 5261,2021,358,7,8.8,1,220,0,8,-999
 5261,2021,358,8,9.1,1.5,220,0,8,-999
 5261,2021,358,9,9.1,2.1,220,0,8,-999
 5261,2021,358,10,9.5,2.1,220,0,8,-999
 5261,2021,358,11,9.5,2.1,200,0,7,-999
 5261,2021,358,12,9.8,2.1,210,0,8,-999
 5261,2021,358,13,10,2.1,190,0,8,-999
 5261,2021,358,14,9.8,2.6,190,0,8,-999
 5261,2021,358,15,9.6,2.1,180,0,8,-999
 5261,2021,358,16,9.2,2.1,150,0,8,-999
 5261,2021,358,17,8.9,1.5,120,0,8,-999
 5261,2021,358,18,8.9,2.1,140,0,2,7,-999
 5261,2021,358,19,8.9,2.1,150,1.8,7,-999
 5261,2021,358,20,8.8,2.1,130,2.2,7,-999
 5261,2021,358,21,8.9,1,110,2.4,8,-999
 5261,2021,358,22,9.5,1.5,220,0,8,8,-999
 5261,2021,358,23,9.3,2.1,250,0,8,-999
 5261,2021,359,0,8.4,1.5,230,0,7,-999
 5261,2021,359,1,7.8,0,0,0,8,-999
 5261,2021,359,2,7.6,0.5,340,0,8,-999
 5261,2021,359,3,7.8,0.5,320,0,8,-999
 5261,2021,359,4,7.8,0.5,320,0,7,-999
 5261,2021,359,5,7.8,0.5,40,0,7,-999
 5261,2021,359,6,8.1,1,50,0,8,-999
 5261,2021,359,7,8.2,1.5,60,0,8,-999
 5261,2021,359,8,8.1,2.1,70,0,8,-999
 5261,2021,359,9,7.8,2.1,50,0,8,-999
 5261,2021,359,10,7.9,3.1,70,0,8,-999
 5261,2021,359,11,7.9,4.6,70,0,8,-999
 5261,2021,359,12,7.6,4.1,70,0,2,8,-999
 5261,2021,359,13,7.4,4.6,70,0,2,8,-999
 5261,2021,359,14,7.2,4.1,80,0,8,-999
 5261,2021,359,15,7.4,6,80,0,8,-999
 5261,2021,359,16,6.8,4.1,80,0,8,-999
 5261,2021,359,17,6.7,4.1,90,0,8,-999
 5261,2021,359,18,6.5,4.6,90,0,8,-999
 5261,2021,359,19,6.3,4.6,90,0,2,8,-999
 5261,2021,359,20,6.3,4.6,90,0,8,-999
 5261,2021,359,21,6.3,4.1,80,0,2,8,-999
 5261,2021,359,22,6.4,4.1,80,0,2,8,-999
 5261,2021,359,23,6.4,3.6,90,0,8,-999
 5261,2021,360,0,6.3,4.1,90,0,2,8,-999
 5261,2021,360,1,6.3,4.1,90,0,8,-999
 5261,2021,360,2,6.2,3.6,80,0,2,8,-999
 5261,2021,360,3,6.4,3.6,80,0,6,8,-999
 5261,2021,360,4,6.7,3.1,80,0,4,8,-999
 5261,2021,360,5,6.8,2.6,70,0,6,8,-999
 5261,2021,360,6,7.3,2.1,40,1.6,8,-999
 5261,2021,360,7,7.7,2.1,40,1.6,8,-999
 5261,2021,360,8,8.1,0.5,110,1.4,8,-999
 5261,2021,360,9,7.9,2.1,70,1.8,-999
 5261,2021,360,10,8,1.5,50,0,4,7,-999
 5261,2021,360,11,8.2,1.5,60,0,8,8,-999
 5261,2021,360,12,8.8,1,50,0,2,8,-999
 5261,2021,360,13,9.1,0.5,30,0,2,8,-999

Emissions to air risk assessment
EPR/BM4945IW/V009 Schedule 5 No. 2 response

5261,2021,360,14,9.2,0.5,60,0,7,-999
5261,2021,360,15,9.7,0.5,110,0,8,-999
5261,2021,360,16,9.6,2.1,210,0,8,-999
5261,2021,360,17,8.5,2.1,230,0,8,-999
5261,2021,360,18,8.7,1.5,210,0,8,-999
5261,2021,360,19,8.8,1,220,0,8,-999
5261,2021,360,20,8.7,1.5,220,0,8,-999
5261,2021,360,21,8.5,1.5,230,0,8,-999
5261,2021,360,22,8.2,1,190,0,8,-999
5261,2021,360,23,8.1,1.5,200,0,8,-999
5261,2021,361,0,8,1.5,210,0,8,-999
5261,2021,361,1,6.8,0.5,200,0,8,-999
5261,2021,361,2,6.7,0.5,120,0,8,-999
5261,2021,361,3,6.8,0.5,90,0,8,-999
5261,2021,361,4,7.4,1,110,0,8,-999
5261,2021,361,5,7.5,1,60,0,8,-999
5261,2021,361,6,8.6,2.1,110,0,8,-999
5261,2021,361,7,8.6,2.6,110,0,8,-999
5261,2021,361,8,8.9,3.6,120,0,8,-999
5261,2021,361,9,9.2,3.6,140,0,7,-999
5261,2021,361,10,9.4,3.1,140,1.6,7,-999
5261,2021,361,11,9.6,4.1,130,0.4,8,-999
5261,2021,361,12,9.4,4.6,100,0.4,8,-999
5261,2021,361,13,10.3,6,130,0.2,8,-999
5261,2021,361,14,10.8,2.6,210,0.6,8,-999
5261,2021,361,15,11.3,3.6,240,0,8,-999
5261,2021,361,16,11.2,4.1,230,0,8,-999
5261,2021,361,17,10.9,4.1,230,0,8,-999
5261,2021,361,18,10.9,3.6,200,0,8,-999
5261,2021,361,19,10.7,5.7,200,0.6,8,-999
5261,2021,361,20,10.5,5.1,200,2,8,-999
5261,2021,361,21,10.3,3.6,170,1,8,-999
5261,2021,361,22,10.1,2.6,190,0,8,-999
5261,2021,361,23,10.2,1,190,1.2,8,-999
5261,2021,362,0,10,1.5,190,0.2,7,-999
5261,2021,362,1,10.5,2.1,210,0,7,-999
5261,2021,362,2,10.6,3.1,220,0.2,8,-999
5261,2021,362,3,10.6,3.1,220,0.2,8,-999
5261,2021,362,4,10.1,3.6,230,0,8,-999
5261,2021,362,5,9.7,4.1,240,0,8,-999
5261,2021,362,6,9.8,4.1,240,0.2,8,-999
5261,2021,362,7,9.8,5.1,240,0,8,-999
5261,2021,362,8,9.8,5.7,250,0.2,7,-999
5261,2021,362,9,9.4,6.7,250,0,7,-999
5261,2021,362,10,8.2,7.7,250,0.4,8,-999
5261,2021,362,11,8.6,2,250,1,8,-999
5261,2021,362,12,8.8,6.7,250,0.2,8,-999
5261,2021,362,13,9.8,6.7,250,0,8,-999
5261,2021,362,14,10.3,5.1,260,0,8,-999
5261,2021,362,15,10.4,5.1,260,0.5,-999
5261,2021,362,16,10.1,4.1,270,0,7,-999
5261,2021,362,17,10.1,3.6,270,0,8,-999
5261,2021,362,18,9.9,3.6,270,0,8,-999
5261,2021,362,19,9.7,3.6,260,0,8,-999
5261,2021,362,20,9.9,3.6,280,0,8,-999
5261,2021,362,21,9.5,3.1,270,0,8,-999
5261,2021,362,22,8.8,3.1,240,0,8,-999
5261,2021,362,23,7.7,3.1,250,0,8,-999
5261,2021,363,0,6.6,2.1,240,0,7,-999
5261,2021,363,1,6.8,2.1,220,0,8,-999
5261,2021,363,2,6.9,1.5,210,0,8,-999
5261,2021,363,3,6.8,1,210,0,8,-999
5261,2021,363,4,7.3,0.5,170,0,8,-999
5261,2021,363,5,8.1,1,170,0,8,-999
5261,2021,363,6,8.5,1.5,180,1.8,8,-999
5261,2021,363,7,8.2,2.1,170,1.2,8,-999
5261,2021,363,8,8.9,2.1,170,0.2,8,-999

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5261,2021,363,9,10,3.1,180,0,8,-999
5261,2021,363,10,11.5,3.6,200,0.2,8,-999
5261,2021,363,11,12.6,3.6,220,1,8,-999
5261,2021,363,12,13.2,4.6,230,0,8,-999
5261,2021,363,13,13.7,6.2,240,0,8,-999
5261,2021,363,14,13.6,5.7,240,0,8,-999
5261,2021,363,15,14.3,5.7,250,0.6,7,-999
5261,2021,363,16,13.7,5.1,260,0,0,-999
5261,2021,363,17,12.9,3.6,250,0,0,-999
5261,2021,363,18,12.1,3.6,250,0,0,-999
5261,2021,363,19,12.4,6,240,0,5,-999
5261,2021,363,20,12.2,3.6,230,0,7,-999
5261,2021,363,21,12.8,4.6,230,0,8,-999
5261,2021,363,22,12.8,6.2,240,0,8,-999
5261,2021,363,23,12.9,5.1,230,0,8,-999
5261,2021,364,0,13.4,6,230,0,8,-999
5261,2021,364,1,13.1,5.1,230,0,8,-999
5261,2021,364,2,13.2,5.7,230,0,8,-999
5261,2021,364,3,13.2,6.2,230,0,8,-999
5261,2021,364,4,13.4,6.2,230,0,8,-999
5261,2021,364,5,13.6,2,230,0,8,-999
5261,2021,364,6,12.9,6.2,230,0,8,-999
5261,2021,364,7,13.1,5.7,230,0,8,-999
5261,2021,364,8,13.2,6.2,240,0,8,-999
5261,2021,364,9,13.2,5.1,240,0,8,-999
5261,2021,364,10,13.5,1,230,0,8,-999
5261,2021,364,11,13.2,6.2,230,0,8,-999
5261,2021,364,12,13.2,6.2,230,0,8,-999
5261,2021,364,13,13.4,5.1,230,0,8,-999
5261,2021,364,14,13.3,5.1,230,0.2,8,-999
5261,2021,364,15,12.8,5.1,230,0.2,8,96
5261,2021,364,16,12.8,5.1,230,0.2,8,95
5261,2021,364,17,12.8,5.1,230,0.2,8,94
5261,2021,364,18,12.6,5.1,230,0.4,8,95
5261,2021,364,19,12.4,5.1,230,0.2,8,94
5261,2021,364,20,12.6,4.6,230,0.2,7,94
5261,2021,364,21,12.5,4.6,220,0,8,92
5261,2021,364,22,13.5,7,220,0,8,89
5261,2021,364,23,13.1,6.7,220,0,7,87
5261,2021,365,0,13.6,2,220,0,7,85
5261,2021,365,1,12.9,6.7,220,0,8,86
5261,2021,365,2,12.8,6.2,220,0,7,87
5261,2021,365,3,12.5,5.7,230,0,8,88
5261,2021,365,4,12.3,5.7,220,0,8,89
5261,2021,365,5,12.2,5.1,220,0,8,89
5261,2021,365,6,12.2,6.2,210,0,8,89
5261,2021,365,7,12.1,5.7,210,0,8,89
5261,2021,365,8,11.8,5.7,220,0,8,91
5261,2021,365,9,11.6,4.6,220,1.2,8,96
5261,2021,365,10,11.8,5.1,220,0.2,8,96
5261,2021,365,11,12.4,5.1,230,0,8,96
5261,2021,365,12,12.6,4.6,220,0,8,96
5261,2021,365,13,13.1,4.6,230,0,8,94
5261,2021,365,14,13.5,3.6,230,0,8,91
5261,2021,365,15,13.3,4.6,230,0,8,90
5261,2021,365,16,13.4,6,230,0,7,89
5261,2021,365,17,12.9,4.1,230,0,7,90
5261,2021,365,18,12.9,3.1,220,0,7,89
5261,2021,365,19,12.7,3.1,210,0,8,93
5261,2021,365,20,12.3,2.1,210,0,7,96
5261,2021,365,21,12.3,3.1,190,0,7,96
5261,2021,365,22,12.3,3.1,220,0,7,96
5261,2021,365,23,12.3,3.6,220,0,8,98

Appendix G

Building inputs

SUMMARY OF BUILDINGS DATA:

Summary of input data:

Building number	Building type	Location X(m)	Location Y(m)	Height HB(m)	Width(m)	Length(m)
Roof orient.(deg.)	Diameter(m)					
55.00,---	1,Rectangular	561454.00,	175384.00,	19.00,	35.00,	160.00,
325.00,---	2,Rectangular	561299.00,	175534.00,	16.00,	32.00,	160.00,
--	3,Rectangular	561344.00,	175591.00,	15.00,	32.00,	50.00,
55.00,---	4,Rectangular	561250.00,	175640.00,	27.00,	42.00,	100.00,
55.00,---	5,Rectangular	561620.00,	175340.00,	20.00,	110.00,	215.00,

Summary of output data:

Met hour/line	Source	Pollutant	Main building	Coords of idealised building centre			
„Geom. of idealised building(WB=crosswind;LB=alongwind)		„„Region (X;Y;Zcoord) affected by presence of buildings					
„„Approach wind	Cavity length(m)	Residence time	Fraction entrained	Cavity conc	Description of		
			X(m)	Y(m)	Height HB(m)	Width	
WB(m)	Length LB(m)	XMIN(m)	YMAX(m)	ZMAX(m)	speed at HB(m/s)	in	
cavity(s)	into cavity	(ug/m3)	flow				
	1,A1	Lead	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-995.28,	180.66,	57.00,	2.15,	61.84,
146.86,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	1,A1	Arsenic	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-995.28,	180.66,	57.00,	2.15,	61.84,
146.86,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	1,A1	Antimony	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-995.28,	180.66,	57.00,	2.15,	61.84,
146.86,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	1,A1	Cadmium	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-995.28,	180.66,	57.00,	2.15,	61.84,
146.86,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	1,A1	Copper	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-995.28,	180.66,	57.00,	2.15,	61.84,
146.86,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	1,A1	Zinc	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-995.28,	180.66,	57.00,	2.15,	61.84,
146.86,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	1,A2	Lead	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-1028.18,	180.66,	57.00,	2.15,	61.84,
146.86,	0.94E-08,	0.60E-06,	Source upwind of building; release advected around cavity; Roof flow reattaches;				
	1,A2	Arsenic	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-1028.18,	180.66,	57.00,	2.15,	61.84,
146.86,	0.94E-08,	0.17E-09,	Source upwind of building; release advected around cavity; Roof flow reattaches;				
	1,A2	Antimony	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-1028.18,	180.66,	57.00,	2.15,	61.84,
146.86,	0.94E-08,	0.18E-08,	Source upwind of building; release advected around cavity; Roof flow reattaches;				
	1,A2	Cadmium	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-1028.18,	180.66,	57.00,	2.15,	61.84,
146.86,	0.94E-08,	0.18E-09,	Source upwind of building; release advected around cavity; Roof flow reattaches;				
	1,A2	Copper	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-1028.18,	180.66,	57.00,	2.15,	61.84,
146.86,	0.94E-08,	0.75E-08,	Source upwind of building; release advected around cavity; Roof flow reattaches;				
	1,A2	Zinc	ISA Refinery		561454.00,	175384.00,	
19.00,	120.44,	61.02,	-1028.18,	180.66,	57.00,	2.15,	61.84,
146.86,	0.94E-08,	0.41E-07,	Source upwind of building; release advected around cavity; Roof flow reattaches;				

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19.00,	1,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-1028.18,	180.66,	57.00,
	0.94E-08,	0.38E-13,	Source upwind of building; release advected around cavity; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A2	,VOC	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-1028.18,	180.66,	57.00,
	0.98E-08,	0.16E-04,	Source upwind of building; release advected around cavity; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-652.13,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,

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19.00,	1,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.85,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
19.00,	1,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,
146.86,	120.44,	61.02,	-649.46,	180.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	61.84,
region;	1,A7	,Lead	,Source outside building effects		
region;	1,A7	,Arsenic	,Source outside building effects		
region;	1,A7	,Antimony	,Source outside building effects		
region;	1,A7	,Cadmium	,Source outside building effects		
region;	1,A7	,Copper	,Source outside building effects		
region;	1,A7	,Zinc	,Source outside building effects		
region;	1,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects		
region;	1,A7	,Bismuth	,Source outside building effects		
region;	1,A7	,Tin	,Source outside building effects		

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region;	1,A7	,Nickel	,Source outside building effects			
region;	1,A7	,Manganese	,Source outside building effects			
region;	1,A7	,VOC	,Source outside building effects			
	2,A1	,Lead	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	163.61,	36.23, -5942.63,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A1	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	163.61,	36.23, -5942.63,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A1	,Antimony	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	163.61,	36.23, -5942.63,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A1	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	163.61,	36.23, -5942.63,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A1	,Copper	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	163.61,	36.23, -5942.63,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A1	,Zinc	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	163.61,	36.23, -5942.63,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A2	,Lead	,ISA Refinery	, 561559.56,	175352.97,	
19.00,	340.82,	171.95, -13466.18,	511.22,	57.00,	1.51,	83.17,
225.87,	0.71E-08,	0.50E-06,Release not fully entrained; Roof flow reattaches;				
	2,A2	,Arsenic	,ISA Refinery	, 561559.56,	175352.97,	
19.00,	340.82,	171.95, -13466.18,	511.22,	57.00,	1.51,	83.17,
225.87,	0.71E-08,	0.14E-09,Release not fully entrained; Roof flow reattaches;				
	2,A2	,Antimony	,ISA Refinery	, 561559.56,	175352.97,	
19.00,	340.82,	171.95, -13466.18,	511.22,	57.00,	1.51,	83.17,
225.87,	0.71E-08,	0.15E-08,Release not fully entrained; Roof flow reattaches;				
	2,A2	,Cadmium	,ISA Refinery	, 561559.56,	175352.97,	
19.00,	340.82,	171.95, -13466.18,	511.22,	57.00,	1.51,	83.17,
225.87,	0.71E-08,	0.15E-09,Release not fully entrained; Roof flow reattaches;				
	2,A2	,Copper	,ISA Refinery	, 561559.56,	175352.97,	
19.00,	340.82,	171.95, -13466.18,	511.22,	57.00,	1.51,	83.17,
225.87,	0.71E-08,	0.62E-08,Release not fully entrained; Roof flow reattaches;				
	2,A2	,Zinc	,ISA Refinery	, 561559.56,	175352.97,	
19.00,	340.82,	171.95, -13466.18,	511.22,	57.00,	1.51,	83.17,
225.87,	0.71E-08,	0.34E-07,Release not fully entrained; Roof flow reattaches;				
	2,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561559.56,	175352.97,	
19.00,	340.82,	171.95, -13466.18,	511.22,	57.00,	1.51,	83.17,
225.87,	0.71E-08,	0.31E-13,Release not fully entrained; Roof flow reattaches;				
	2,A2	,VOC	,ISA Refinery	, 561559.56,	175352.97,	
19.00,	340.82,	171.95, -13466.18,	511.22,	57.00,	1.51,	83.17,
225.87,	0.11E-07,	0.19E-04,Release not fully entrained; Roof flow reattaches;				
	2,A4	,Lead	,ISA Refinery	, 561365.25,	175516.59,	
19.00,	239.68,	351.32, -8376.73,	359.51,	57.00,	1.51,	77.04,
222.55,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A4	,Arsenic	,ISA Refinery	, 561365.25,	175516.59,	
19.00,	239.68,	351.32, -8376.73,	359.51,	57.00,	1.51,	77.04,
222.55,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A4	,Antimony	,ISA Refinery	, 561365.25,	175516.59,	
19.00,	239.68,	351.32, -8376.73,	359.51,	57.00,	1.51,	77.04,
222.55,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A4	,Cadmium	,ISA Refinery	, 561365.25,	175516.59,	
19.00,	239.68,	351.32, -8376.73,	359.51,	57.00,	1.51,	77.04,
222.55,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A4	,Copper	,ISA Refinery	, 561365.25,	175516.59,	
19.00,	239.68,	351.32, -8376.73,	359.51,	57.00,	1.51,	77.04,
222.55,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
	2,A4	,Zinc	,ISA Refinery	, 561365.25,	175516.59,	
19.00,	239.68,	351.32, -8376.73,	359.51,	57.00,	1.51,	77.04,
222.55,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				

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19.00,	2,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A4	,Bismuth	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A4	,Tin	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A4	,Nickel	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A4	,Manganese	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A4	,VOC	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Lead	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Arsenic	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Antimony	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Cadmium	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Copper	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Zinc	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Bismuth	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Tin	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Nickel	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,Manganese	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A5	,VOC	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Lead	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Arsenic	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Antimony	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Cadmium	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,

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19.00,	2,A6	,Copper	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Zinc	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Bismuth	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Tin	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Nickel	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,Manganese	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
19.00,	2,A6	,VOC	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.04,
region;	2,A7	,Lead	,Source outside building effects		
region;	2,A7	,Arsenic	,Source outside building effects		
region;	2,A7	,Antimony	,Source outside building effects		
region;	2,A7	,Cadmium	,Source outside building effects		
region;	2,A7	,Copper	,Source outside building effects		
region;	2,A7	,Zinc	,Source outside building effects		
region;	2,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects		
region;	2,A7	,Bismuth	,Source outside building effects		
region;	2,A7	,Tin	,Source outside building effects		
region;	2,A7	,Nickel	,Source outside building effects		
region;	2,A7	,Manganese	,Source outside building effects		
region;	2,A7	,VOC	,Source outside building effects		
19.00,	3,A1	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5956.03,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	3,A1	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5956.03,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	3,A1	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5956.03,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	3,A1	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5956.03,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	3,A1	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5956.03,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	3,A1	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5956.03,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,

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19.00,	3,A2	,Lead	,ISA Refinery	, 561559.56,	175352.97,
225.87,	340.82,	171.95,	-13478.11,	511.22,	83.17,
	0.71E-08,	0.50E-06,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A2	,Arsenic	,ISA Refinery	, 561559.56,	175352.97,
225.87,	340.82,	171.95,	-13478.11,	511.22,	83.17,
	0.71E-08,	0.14E-09,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A2	,Antimony	,ISA Refinery	, 561559.56,	175352.97,
225.87,	340.82,	171.95,	-13478.11,	511.22,	83.17,
	0.71E-08,	0.15E-08,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A2	,Cadmium	,ISA Refinery	, 561559.56,	175352.97,
225.87,	340.82,	171.95,	-13478.11,	511.22,	83.17,
	0.71E-08,	0.15E-09,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A2	,Copper	,ISA Refinery	, 561559.56,	175352.97,
225.87,	340.82,	171.95,	-13478.11,	511.22,	83.17,
	0.71E-08,	0.62E-08,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A2	,Zinc	,ISA Refinery	, 561559.56,	175352.97,
225.87,	340.82,	171.95,	-13478.11,	511.22,	83.17,
	0.71E-08,	0.34E-07,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561559.56,	175352.97,
225.87,	340.82,	171.95,	-13478.11,	511.22,	83.17,
	0.71E-08,	0.31E-13,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A2	,VOC	,ISA Refinery	, 561559.56,	175352.97,
225.87,	340.82,	171.95,	-13478.11,	511.22,	83.17,
	0.10E-07,	0.19E-04,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Lead	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Arsenic	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Antimony	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Cadmium	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Copper	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Zinc	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Bismuth	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Tin	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Nickel	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,Manganese	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A4	,VOC	,ISA Refinery	, 561365.25,	175516.59,
222.55,	239.68,	351.32,	-8376.73,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A5	,Lead	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	3,A5	,Arsenic	,ISA Refinery	, 561365.25,	175516.61,
222.55,	239.68,	351.32,	-8346.54,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		

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19.00,	3,A5	,Antimony	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,Cadmium	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,Copper	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,Zinc	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,Bismuth	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,Tin	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,Nickel	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,Manganese	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A5	,VOC	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8346.54,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Lead	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Arsenic	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Antimony	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Cadmium	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Copper	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Zinc	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Bismuth	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Tin	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Nickel	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,Manganese	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	3,A6	,VOC	,ISA Refinery	, 561365.25,	175516.61,		
222.55,	239.68,	351.32,	-8341.36,	359.51,	57.00,	1.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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region;	3,A7	,Lead	,Source outside building effects			
region;	3,A7	,Arsenic	,Source outside building effects			
region;	3,A7	,Antimony	,Source outside building effects			
region;	3,A7	,Cadmium	,Source outside building effects			
region;	3,A7	,Copper	,Source outside building effects			
region;	3,A7	,Zinc	,Source outside building effects			
region;	3,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects			
region;	3,A7	,Bismuth	,Source outside building effects			
region;	3,A7	,Tin	,Source outside building effects			
region;	3,A7	,Nickel	,Source outside building effects			
region;	3,A7	,Manganese	,Source outside building effects			
region;	3,A7	,VOC	,Source outside building effects			
19.00,	4,A1	,Lead	,ISA Refinery	, 561454.00,	175384.00,	
152.19,	163.61,	36.23, -1273.30,	245.41,	57.00,	2.15,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A1	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,	
152.19,	163.61,	36.23, -1273.30,	245.41,	57.00,	2.15,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A1	,Antimony	,ISA Refinery	, 561454.00,	175384.00,	
152.19,	163.61,	36.23, -1273.30,	245.41,	57.00,	2.15,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A1	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,	
152.19,	163.61,	36.23, -1273.30,	245.41,	57.00,	2.15,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A1	,Copper	,ISA Refinery	, 561454.00,	175384.00,	
152.19,	163.61,	36.23, -1273.30,	245.41,	57.00,	2.15,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A1	,Zinc	,ISA Refinery	, 561454.00,	175384.00,	
152.19,	163.61,	36.23, -1273.30,	245.41,	57.00,	2.15,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A2	,Lead	,ISA Refinery	, 561559.56,	175352.97,	
158.75,	340.82,	171.95, -2779.47,	511.22,	57.00,	2.15,	83.17,
	0.18E-05,	0.95E-04,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A2	,Arsenic	,ISA Refinery	, 561559.56,	175352.97,	
158.75,	340.82,	171.95, -2779.47,	511.22,	57.00,	2.15,	83.17,
	0.18E-05,	0.26E-07,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A2	,Antimony	,ISA Refinery	, 561559.56,	175352.97,	
158.75,	340.82,	171.95, -2779.47,	511.22,	57.00,	2.15,	83.17,
	0.18E-05,	0.29E-06,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A2	,Cadmium	,ISA Refinery	, 561559.56,	175352.97,	
158.75,	340.82,	171.95, -2779.47,	511.22,	57.00,	2.15,	83.17,
	0.18E-05,	0.29E-07,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A2	,Copper	,ISA Refinery	, 561559.56,	175352.97,	
158.75,	340.82,	171.95, -2779.47,	511.22,	57.00,	2.15,	83.17,
	0.18E-05,	0.12E-05,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A2	,Zinc	,ISA Refinery	, 561559.56,	175352.97,	
158.75,	340.82,	171.95, -2779.47,	511.22,	57.00,	2.15,	83.17,
	0.18E-05,	0.65E-05,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561559.56,	175352.97,	
158.75,	340.82,	171.95, -2779.47,	511.22,	57.00,	2.15,	83.17,
	0.18E-05,	0.59E-11,Release not fully entrained; Roof flow reattaches;				
19.00,	4,A2	,VOC	,ISA Refinery	, 561559.56,	175352.97,	
158.75,	340.82,	171.95, -2779.47,	511.22,	57.00,	2.15,	83.17,
	0.19E-05,	0.25E-02,Release not fully entrained; Roof flow reattaches;				

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19.00,	4,A4	,Lead	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Arsenic	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Antimony	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Cadmium	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Copper	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Zinc	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Bismuth	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Tin	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Nickel	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,Manganese	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A4	,VOC	,ISA Refinery	, 561365.25,	175516.59,
156.41,	239.68,	351.32,	-1324.76,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Lead	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Arsenic	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Antimony	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Cadmium	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Copper	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Zinc	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Bismuth	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Tin	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	4,A5	,Nickel	,ISA Refinery	, 561365.25,	175516.61,
156.41,	239.68,	351.32,	-1321.01,	359.51,	77.04,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		

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	4,A5	,Manganese	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1321.01,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A5	,VOC	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1321.01,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Lead	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Arsenic	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Antimony	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Cadmium	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Copper	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Zinc	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Bismuth	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Tin	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A6	,Nickel	,ISA Refinery	, 561365.25,	175516.61,		
19.00,	239.68,	351.32,	-1320.40,	359.51,	57.00,	2.15,	77.04,
156.41,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	4,A7	,Lead	,Source outside building effects				
region;	4,A7	,Arsenic	,Source outside building effects				
region;	4,A7	,Antimony	,Source outside building effects				
region;	4,A7	,Cadmium	,Source outside building effects				
region;	4,A7	,Copper	,Source outside building effects				
region;	4,A7	,Zinc	,Source outside building effects				
region;	4,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects				
region;	4,A7	,Bismuth	,Source outside building effects				
region;	4,A7	,Tin	,Source outside building effects				
region;	4,A7	,Nickel	,Source outside building effects				
region;	4,A7	,Manganese	,Source outside building effects				
region;	4,A7	,VOC	,Source outside building effects				

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	5,A1	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5753.76,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A1	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5753.76,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A1	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5753.76,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A1	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5753.76,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A1	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5753.76,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A1	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5753.76,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A2	,Lead	,ISA Refinery	, 561558.44,	175357.64,		
19.00,	356.41,	155.81,	-14232.34,	534.62,	57.00,	1.51,	83.86,
226.19,	0.49E-08,	0.34E-06,	Release not fully entrained; Roof flow reattaches;				
	5,A2	,Arsenic	,ISA Refinery	, 561558.44,	175357.64,		
19.00,	356.41,	155.81,	-14232.34,	534.62,	57.00,	1.51,	83.86,
226.19,	0.49E-08,	0.94E-10,	Release not fully entrained; Roof flow reattaches;				
	5,A2	,Antimony	,ISA Refinery	, 561558.44,	175357.64,		
19.00,	356.41,	155.81,	-14232.34,	534.62,	57.00,	1.51,	83.86,
226.19,	0.49E-08,	0.10E-08,	Release not fully entrained; Roof flow reattaches;				
	5,A2	,Cadmium	,ISA Refinery	, 561558.44,	175357.64,		
19.00,	356.41,	155.81,	-14232.34,	534.62,	57.00,	1.51,	83.86,
226.19,	0.49E-08,	0.10E-09,	Release not fully entrained; Roof flow reattaches;				
	5,A2	,Copper	,ISA Refinery	, 561558.44,	175357.64,		
19.00,	356.41,	155.81,	-14232.34,	534.62,	57.00,	1.51,	83.86,
226.19,	0.49E-08,	0.43E-08,	Release not fully entrained; Roof flow reattaches;				
	5,A2	,Zinc	,ISA Refinery	, 561558.44,	175357.64,		
19.00,	356.41,	155.81,	-14232.34,	534.62,	57.00,	1.51,	83.86,
226.19,	0.49E-08,	0.23E-07,	Release not fully entrained; Roof flow reattaches;				
	5,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561558.44,	175357.64,		
19.00,	356.41,	155.81,	-14232.34,	534.62,	57.00,	1.51,	83.86,
226.19,	0.49E-08,	0.21E-13,	Release not fully entrained; Roof flow reattaches;				
	5,A2	,VOC	,ISA Refinery	, 561558.44,	175357.64,		
19.00,	356.41,	155.81,	-14232.34,	534.62,	57.00,	1.51,	83.86,
226.19,	0.72E-08,	0.13E-04,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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	5,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5258.93,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5237.66,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5234.02,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5234.02,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5234.02,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5234.02,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5234.02,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	5,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	159.80,	38.62,	-5234.02,	239.70,	57.00,	1.51,	77.03,
216.06,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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19.00,	5,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
216.06,	159.80,	38.62,	-5234.02,	239.70,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.03,
19.00,	5,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
216.06,	159.80,	38.62,	-5234.02,	239.70,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.03,
19.00,	5,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,
216.06,	159.80,	38.62,	-5234.02,	239.70,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.03,
19.00,	5,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
216.06,	159.80,	38.62,	-5234.02,	239.70,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.03,
19.00,	5,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
216.06,	159.80,	38.62,	-5234.02,	239.70,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.03,
19.00,	5,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,
216.06,	159.80,	38.62,	-5234.02,	239.70,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	77.03,
region;	5,A7	,Lead	,Source outside building effects		
region;	5,A7	,Arsenic	,Source outside building effects		
region;	5,A7	,Antimony	,Source outside building effects		
region;	5,A7	,Cadmium	,Source outside building effects		
region;	5,A7	,Copper	,Source outside building effects		
region;	5,A7	,Zinc	,Source outside building effects		
region;	5,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects		
region;	5,A7	,Bismuth	,Source outside building effects		
region;	5,A7	,Tin	,Source outside building effects		
region;	5,A7	,Nickel	,Source outside building effects		
region;	5,A7	,Manganese	,Source outside building effects		
region;	5,A7	,VOC	,Source outside building effects		
19.00,	6,A1	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5883.95,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.86,
19.00,	6,A1	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5883.95,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.86,
19.00,	6,A1	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5883.95,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.86,
19.00,	6,A1	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5883.95,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.86,
19.00,	6,A1	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5883.95,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.86,
19.00,	6,A1	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5883.95,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.86,
19.00,	6,A2	,Lead	,ISA Refinery	, 561559.62,	175353.50,
225.26,	314.87,	193.33,	-12188.41,	472.30,	57.00,
	0.89E-08,	0.63E-06,	Release not fully entrained; Roof flow reattaches;	1.51,	81.90,
19.00,	6,A2	,Arsenic	,ISA Refinery	, 561559.62,	175353.50,
225.26,	314.87,	193.33,	-12188.41,	472.30,	57.00,
	0.89E-08,	0.17E-09,	Release not fully entrained; Roof flow reattaches;	1.51,	81.90,

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	6,A2	,Antimony	,ISA Refinery	, 561559.62,	175353.50,		
19.00,	314.87,	193.33,	-12188.41,	472.30,	57.00,	1.51,	81.90,
225.26,	0.89E-08,	0.19E-08,	Release not fully entrained; Roof flow reattaches;				
	6,A2	,Cadmium	,ISA Refinery	, 561559.62,	175353.50,		
19.00,	314.87,	193.33,	-12188.41,	472.30,	57.00,	1.51,	81.90,
225.26,	0.89E-08,	0.19E-09,	Release not fully entrained; Roof flow reattaches;				
	6,A2	,Copper	,ISA Refinery	, 561559.62,	175353.50,		
19.00,	314.87,	193.33,	-12188.41,	472.30,	57.00,	1.51,	81.90,
225.26,	0.89E-08,	0.79E-08,	Release not fully entrained; Roof flow reattaches;				
	6,A2	,Zinc	,ISA Refinery	, 561559.62,	175353.50,		
19.00,	314.87,	193.33,	-12188.41,	472.30,	57.00,	1.51,	81.90,
225.26,	0.89E-08,	0.43E-07,	Release not fully entrained; Roof flow reattaches;				
	6,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561559.62,	175353.50,		
19.00,	314.87,	193.33,	-12188.41,	472.30,	57.00,	1.51,	81.90,
225.26,	0.89E-08,	0.39E-13,	Release not fully entrained; Roof flow reattaches;				
	6,A2	,VOC	,ISA Refinery	, 561559.62,	175353.50,		
19.00,	314.87,	193.33,	-12188.41,	472.30,	57.00,	1.51,	81.90,
225.26,	0.13E-07,	0.24E-04,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5349.95,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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	6,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5328.40,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-5325.05,	243.66,	57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	6,A7	,Lead	,Source outside building effects				
region;							
	6,A7	,Arsenic	,Source outside building effects				
region;							
	6,A7	,Antimony	,Source outside building effects				
region;							

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region;	6,A7	,Cadmium	,Source outside building effects				
region;	6,A7	,Copper	,Source outside building effects				
region;	6,A7	,Zinc	,Source outside building effects				
region;	6,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects				
region;	6,A7	,Bismuth	,Source outside building effects				
region;	6,A7	,Tin	,Source outside building effects				
region;	6,A7	,Nickel	,Source outside building effects				
region;	6,A7	,Manganese	,Source outside building effects				
region;	6,A7	,VOC	,Source outside building effects				
	7,A1	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4669.43,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A1	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4669.43,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A1	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4669.43,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A1	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4669.43,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A1	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4669.43,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A1	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4669.43,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A2	,Lead	,ISA Refinery	, 561558.38,	175350.86,		
19.00,	354.97,	152.03,	-14158.57,	532.45,	57.00,	1.51,	83.80,
226.16,	0.39E-08,	0.27E-06,	Release not fully entrained; Roof flow reattaches;				
	7,A2	,Arsenic	,ISA Refinery	, 561558.38,	175350.86,		
19.00,	354.97,	152.03,	-14158.57,	532.45,	57.00,	1.51,	83.80,
226.16,	0.39E-08,	0.75E-10,	Release not fully entrained; Roof flow reattaches;				
	7,A2	,Antimony	,ISA Refinery	, 561558.38,	175350.86,		
19.00,	354.97,	152.03,	-14158.57,	532.45,	57.00,	1.51,	83.80,
226.16,	0.39E-08,	0.83E-09,	Release not fully entrained; Roof flow reattaches;				
	7,A2	,Cadmium	,ISA Refinery	, 561558.38,	175350.86,		
19.00,	354.97,	152.03,	-14158.57,	532.45,	57.00,	1.51,	83.80,
226.16,	0.39E-08,	0.83E-10,	Release not fully entrained; Roof flow reattaches;				
	7,A2	,Copper	,ISA Refinery	, 561558.38,	175350.86,		
19.00,	354.97,	152.03,	-14158.57,	532.45,	57.00,	1.51,	83.80,
226.16,	0.39E-08,	0.34E-08,	Release not fully entrained; Roof flow reattaches;				
	7,A2	,Zinc	,ISA Refinery	, 561558.38,	175350.86,		
19.00,	354.97,	152.03,	-14158.57,	532.45,	57.00,	1.51,	83.80,
226.16,	0.39E-08,	0.19E-07,	Release not fully entrained; Roof flow reattaches;				
	7,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561558.38,	175350.86,		
19.00,	354.97,	152.03,	-14158.57,	532.45,	57.00,	1.51,	83.80,
226.16,	0.39E-08,	0.17E-13,	Release not fully entrained; Roof flow reattaches;				
	7,A2	,VOC	,ISA Refinery	, 561558.38,	175350.86,		
19.00,	354.97,	152.03,	-14158.57,	532.45,	57.00,	1.51,	83.80,
226.16,	0.57E-08,	0.10E-04,	Release not fully entrained; Roof flow reattaches;				
	7,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4507.81,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4507.81,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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19.00,	7,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4507.81,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,
19.00,	7,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
212.69,	137.89,	49.50,	-4489.02,	206.83,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	67.92,

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	7,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	137.89,	49.50,	-4485.92,	206.83,	57.00,	1.51,	67.92,
212.69,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	7,A7	,Lead	,Source outside building effects				
region;							
	7,A7	,Arsenic	,Source outside building effects				
region;							
	7,A7	,Antimony	,Source outside building effects				
region;							
	7,A7	,Cadmium	,Source outside building effects				
region;							
	7,A7	,Copper	,Source outside building effects				
region;							
	7,A7	,Zinc	,Source outside building effects				
region;							
	7,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects				
region;							
	7,A7	,Bismuth	,Source outside building effects				
region;							
	7,A7	,Tin	,Source outside building effects				
region;							
	7,A7	,Nickel	,Source outside building effects				
region;							
	7,A7	,Manganese	,Source outside building effects				
region;							
	7,A7	,VOC	,Source outside building effects				
region;							
	8,A1	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-1277.88,	243.66,	57.00,	2.15,	79.86,
152.02,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	8,A1	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	162.44,	34.87,	-1277.88,	243.66,	57.00,	2.15,	79.86,
152.02,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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19.00,	8,A1	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-1277.88,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A1	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-1277.88,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A1	,Copper	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-1277.88,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A1	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-1277.88,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A2	,Lead	,ISA Refinery	, 561559.62,	175353.50,
158.25,	314.87,	193.33,	-2610.80,	472.30,	57.00,
	0.24E-05,	0.13E-03,	Release not fully entrained; Roof flow reattaches;	2.15,	81.90,
19.00,	8,A2	,Arsenic	,ISA Refinery	, 561559.62,	175353.50,
158.25,	314.87,	193.33,	-2610.80,	472.30,	57.00,
	0.24E-05,	0.35E-07,	Release not fully entrained; Roof flow reattaches;	2.15,	81.90,
19.00,	8,A2	,Antimony	,ISA Refinery	, 561559.62,	175353.50,
158.25,	314.87,	193.33,	-2610.80,	472.30,	57.00,
	0.24E-05,	0.39E-06,	Release not fully entrained; Roof flow reattaches;	2.15,	81.90,
19.00,	8,A2	,Cadmium	,ISA Refinery	, 561559.62,	175353.50,
158.25,	314.87,	193.33,	-2610.80,	472.30,	57.00,
	0.24E-05,	0.39E-07,	Release not fully entrained; Roof flow reattaches;	2.15,	81.90,
19.00,	8,A2	,Copper	,ISA Refinery	, 561559.62,	175353.50,
158.25,	314.87,	193.33,	-2610.80,	472.30,	57.00,
	0.24E-05,	0.16E-05,	Release not fully entrained; Roof flow reattaches;	2.15,	81.90,
19.00,	8,A2	,Zinc	,ISA Refinery	, 561559.62,	175353.50,
158.25,	314.87,	193.33,	-2610.80,	472.30,	57.00,
	0.24E-05,	0.87E-05,	Release not fully entrained; Roof flow reattaches;	2.15,	81.90,
19.00,	8,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561559.62,	175353.50,
158.25,	314.87,	193.33,	-2610.80,	472.30,	57.00,
	0.24E-05,	0.79E-11,	Release not fully entrained; Roof flow reattaches;	2.15,	81.90,
19.00,	8,A2	,VOC	,ISA Refinery	, 561559.62,	175353.50,
158.25,	314.87,	193.33,	-2610.80,	472.30,	57.00,
	0.25E-05,	0.33E-02,	Release not fully entrained; Roof flow reattaches;	2.15,	81.90,
19.00,	8,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	8,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-825.08,	243.66,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,

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19.00,	8,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -825.08,	243.66, 57.00,	2.15,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -825.08,	243.66, 57.00,	2.15,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.77E-14,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.10E-16,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.22E-16,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.53E-17,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.22E-16,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.45E-15,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.77E-21,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.19E-16,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.19E-16,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.59E-15,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.37E-15,	0.19E-16,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -822.21,	243.66, 57.00,	2.15,	79.86,
	0.38E-15,	0.32E-12,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -821.75,	243.66, 57.00,	2.15,	79.86,
	0.12E-11,	0.28E-10,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -821.75,	243.66, 57.00,	2.15,	79.86,
	0.12E-11,	0.48E-13,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -821.75,	243.66, 57.00,	2.15,	79.86,
	0.12E-11,	0.12E-12,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -821.75,	243.66, 57.00,	2.15,	79.86,
	0.12E-11,	0.17E-13,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -821.75,	243.66, 57.00,	2.15,	79.86,
	0.12E-11,	0.12E-12,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -821.75,	243.66, 57.00,	2.15,	79.86,
	0.12E-11,	0.24E-11,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -821.75,	243.66, 57.00,	2.15,	79.86,
	0.12E-11,	0.28E-17,Release not fully entrained; Roof flow reattaches;			
19.00,	8,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87, -821.75,	243.66, 57.00,	2.15,	79.86,
	0.12E-11,	0.71E-13,Release not fully entrained; Roof flow reattaches;			

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19.00,	8,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-821.75,	243.66,	79.86,
	0.12E-11,	0.71E-13,	Release not fully entrained; Roof flow reattaches;		
19.00,	8,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-821.75,	243.66,	79.86,
	0.12E-11,	0.21E-11,	Release not fully entrained; Roof flow reattaches;		
19.00,	8,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-821.75,	243.66,	79.86,
	0.12E-11,	0.71E-13,	Release not fully entrained; Roof flow reattaches;		
19.00,	8,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,
152.02,	162.44,	34.87,	-821.75,	243.66,	79.86,
	0.12E-11,	0.12E-08,	Release not fully entrained; Roof flow reattaches;		
region;	8,A7	,Lead	,Source outside building effects		
region;	8,A7	,Arsenic	,Source outside building effects		
region;	8,A7	,Antimony	,Source outside building effects		
region;	8,A7	,Cadmium	,Source outside building effects		
region;	8,A7	,Copper	,Source outside building effects		
region;	8,A7	,Zinc	,Source outside building effects		
region;	8,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects		
region;	8,A7	,Bismuth	,Source outside building effects		
region;	8,A7	,Tin	,Source outside building effects		
region;	8,A7	,Nickel	,Source outside building effects		
region;	8,A7	,Manganese	,Source outside building effects		
region;	8,A7	,VOC	,Source outside building effects		
19.00,	9,A1	,Lead	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2335.56,	437.98,	80.63,
	0.21E-05,	0.38E-05,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A1	,Arsenic	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2335.56,	437.98,	80.63,
	0.21E-05,	0.21E-07,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A1	,Antimony	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2335.56,	437.98,	80.63,
	0.21E-05,	0.26E-06,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A1	,Cadmium	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2335.56,	437.98,	80.63,
	0.21E-05,	0.20E-07,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A1	,Copper	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2335.56,	437.98,	80.63,
	0.21E-05,	0.16E-06,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A1	,Zinc	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2335.56,	437.98,	80.63,
	0.21E-05,	0.47E-05,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A2	,Lead	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2453.70,	437.98,	80.63,
	0.28E-05,	0.15E-03,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A2	,Arsenic	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2453.70,	437.98,	80.63,
	0.28E-05,	0.40E-07,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A2	,Antimony	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2453.70,	437.98,	80.63,
	0.28E-05,	0.44E-06,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A2	,Cadmium	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2453.70,	437.98,	80.63,
	0.28E-05,	0.44E-07,	Release not fully entrained; Roof flow reattaches;		

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19.00,	9,A2	,Copper	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2453.70,	437.98,	80.63,
	0.28E-05,	0.18E-05,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A2	,Zinc	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2453.70,	437.98,	80.63,
	0.28E-05,	0.10E-04,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2453.70,	437.98,	80.63,
	0.28E-05,	0.91E-11,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A2	,VOC	,ISA Refinery	, 561560.75,	175357.55,
157.74,	291.99,	212.63,	-2453.70,	437.98,	80.63,
	0.29E-05,	0.38E-02,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.11E-12,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.13E-14,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.11E-15,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.54E-16,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.36E-15,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.77E-14,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.11E-19,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.26E-15,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.26E-15,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.80E-14,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.45E-14,	0.26E-15,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-829.04,	243.66,	79.86,
	0.47E-14,	0.44E-11,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	79.86,
	0.36E-10,	0.75E-09,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	79.86,
	0.36E-10,	0.98E-12,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	79.86,
	0.36E-10,	0.21E-11,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	79.86,
	0.36E-10,	0.51E-12,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	79.86,
	0.36E-10,	0.21E-11,	Release not fully entrained; Roof flow reattaches;		
19.00,	9,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	79.86,
	0.36E-10,	0.44E-10,	Release not fully entrained; Roof flow reattaches;		

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19.00,	9,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	57.00,
	0.36E-10,	0.75E-16,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	57.00,
	0.36E-10,	0.19E-11,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	57.00,
	0.36E-10,	0.19E-11,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	57.00,
	0.36E-10,	0.57E-10,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	57.00,
	0.36E-10,	0.19E-11,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-826.17,	243.66,	57.00,
	0.37E-10,	0.31E-07,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.82E-07,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.14E-09,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.34E-09,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.49E-10,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.36E-09,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.71E-08,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.82E-14,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.20E-09,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.20E-09,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.62E-08,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.35E-08,	0.20E-09,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
19.00,	9,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,
151.97,	162.44,	34.87,	-825.71,	243.66,	57.00,
	0.36E-08,	0.34E-05,	Release not fully entrained; Roof flow reattaches;	2.15,	79.86,
region;	9,A7	,Lead	,Source outside building effects		
region;	9,A7	,Arsenic	,Source outside building effects		
region;	9,A7	,Antimony	,Source outside building effects		
region;	9,A7	,Cadmium	,Source outside building effects		
region;	9,A7	,Copper	,Source outside building effects		
region;	9,A7	,Zinc	,Source outside building effects		

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region;	9,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects			
region;	9,A7	,Bismuth	,Source outside building effects			
region;	9,A7	,Tin	,Source outside building effects			
region;	9,A7	,Nickel	,Source outside building effects			
region;	9,A7	,Manganese	,Source outside building effects			
region;	9,A7	,VOC	,Source outside building effects			
	10,A1	,Lead	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-12366.90,	437.98,	57.00,	1.51,
224.61,	0.28E-08,	0.67E-08,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A1	,Arsenic	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-12366.90,	437.98,	57.00,	1.51,
224.61,	0.28E-08,	0.37E-10,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A1	,Antimony	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-12366.90,	437.98,	57.00,	1.51,
224.61,	0.28E-08,	0.45E-09,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A1	,Cadmium	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-12366.90,	437.98,	57.00,	1.51,
224.61,	0.28E-08,	0.35E-10,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A1	,Copper	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-12366.90,	437.98,	57.00,	1.51,
224.61,	0.28E-08,	0.29E-09,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A1	,Zinc	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-12366.90,	437.98,	57.00,	1.51,
224.61,	0.28E-08,	0.83E-08,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A2	,Lead	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-11052.93,	437.98,	57.00,	1.51,
224.61,	0.10E-07,	0.72E-06,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A2	,Arsenic	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-11052.93,	437.98,	57.00,	1.51,
224.61,	0.10E-07,	0.20E-09,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A2	,Antimony	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-11052.93,	437.98,	57.00,	1.51,
224.61,	0.10E-07,	0.22E-08,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A2	,Cadmium	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-11052.93,	437.98,	57.00,	1.51,
224.61,	0.10E-07,	0.22E-09,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A2	,Copper	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-11052.93,	437.98,	57.00,	1.51,
224.61,	0.10E-07,	0.90E-08,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A2	,Zinc	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-11052.93,	437.98,	57.00,	1.51,
224.61,	0.10E-07,	0.50E-07,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-11052.93,	437.98,	57.00,	1.51,
224.61,	0.10E-07,	0.45E-13,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A2	,VOC	,ISA Refinery	, 561560.75,	175357.55,	
19.00,	291.99,	212.63,	-11052.93,	437.98,	57.00,	1.51,
224.61,	0.15E-07,	0.28E-04,	Release not fully entrained; Roof flow reattaches;			80.63,
	10,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	162.44,	34.87,	-5283.35,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	162.44,	34.87,	-5283.35,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	162.44,	34.87,	-5283.35,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	162.44,	34.87,	-5283.35,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,

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19.00,	10,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5283.35,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5283.35,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5283.35,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5283.35,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5283.35,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5283.35,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5283.35,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5283.35,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5262.37,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5258.73,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	10,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87, -5258.73,	243.66, 57.00,	1.51,	79.86,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			

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	10,A6	,Antimony	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,Cadmium	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,Copper	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,Zinc	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,Bismuth	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,Tin	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,Nickel	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,Manganese	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
	10,A6	,VOC	,ISA Refinery	,	561454.00,	175384.00,
19.00,	162.44,	34.87,	-5258.73,	243.66,	57.00,	1.51,
216.40,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;			79.86,
region;	10,A7	,Lead	,Source outside building effects			
region;	10,A7	,Arsenic	,Source outside building effects			
region;	10,A7	,Antimony	,Source outside building effects			
region;	10,A7	,Cadmium	,Source outside building effects			
region;	10,A7	,Copper	,Source outside building effects			
region;	10,A7	,Zinc	,Source outside building effects			
region;	10,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects			
region;	10,A7	,Bismuth	,Source outside building effects			
region;	10,A7	,Tin	,Source outside building effects			
region;	10,A7	,Nickel	,Source outside building effects			
region;	10,A7	,Manganese	,Source outside building effects			
region;	10,A7	,VOC	,Source outside building effects			
	11,A1	,Lead	,ISA Refinery	,	561561.06,	175365.47,
19.00,	272.87,	229.28,	-2711.11,	409.31,	57.00,	2.15,
157.32,	0.34E-07,	0.61E-07,	Release not fully entrained; Roof flow reattaches;			79.44,
	11,A1	,Arsenic	,ISA Refinery	,	561561.06,	175365.47,
19.00,	272.87,	229.28,	-2711.11,	409.31,	57.00,	2.15,
157.32,	0.34E-07,	0.34E-09,	Release not fully entrained; Roof flow reattaches;			79.44,
	11,A1	,Antimony	,ISA Refinery	,	561561.06,	175365.47,
19.00,	272.87,	229.28,	-2711.11,	409.31,	57.00,	2.15,
157.32,	0.34E-07,	0.41E-08,	Release not fully entrained; Roof flow reattaches;			79.44,
	11,A1	,Cadmium	,ISA Refinery	,	561561.06,	175365.47,
19.00,	272.87,	229.28,	-2711.11,	409.31,	57.00,	2.15,
157.32,	0.34E-07,	0.32E-09,	Release not fully entrained; Roof flow reattaches;			79.44,

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19.00,	11,A1	,Copper	,ISA Refinery	, 561561.06,	175365.47,		
157.32,	272.87,	229.28,	-2711.11,	409.31,	57.00,	2.15,	79.44,
	0.34E-07,	0.26E-08,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A1	,Zinc	,ISA Refinery	, 561561.06,	175365.47,		
157.32,	272.87,	229.28,	-2711.11,	409.31,	57.00,	2.15,	79.44,
	0.34E-07,	0.76E-07,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A2	,Lead	,ISA Refinery	, 561561.06,	175365.48,		
157.32,	272.87,	229.28,	-2556.61,	409.31,	57.00,	2.15,	79.44,
	0.68E-07,	0.36E-05,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A2	,Arsenic	,ISA Refinery	, 561561.06,	175365.48,		
157.32,	272.87,	229.28,	-2556.61,	409.31,	57.00,	2.15,	79.44,
	0.68E-07,	0.99E-09,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A2	,Antimony	,ISA Refinery	, 561561.06,	175365.48,		
157.32,	272.87,	229.28,	-2556.61,	409.31,	57.00,	2.15,	79.44,
	0.68E-07,	0.11E-07,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A2	,Cadmium	,ISA Refinery	, 561561.06,	175365.48,		
157.32,	272.87,	229.28,	-2556.61,	409.31,	57.00,	2.15,	79.44,
	0.68E-07,	0.11E-08,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A2	,Copper	,ISA Refinery	, 561561.06,	175365.48,		
157.32,	272.87,	229.28,	-2556.61,	409.31,	57.00,	2.15,	79.44,
	0.68E-07,	0.45E-07,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A2	,Zinc	,ISA Refinery	, 561561.06,	175365.48,		
157.32,	272.87,	229.28,	-2556.61,	409.31,	57.00,	2.15,	79.44,
	0.68E-07,	0.25E-06,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561561.06,	175365.48,		
157.32,	272.87,	229.28,	-2556.61,	409.31,	57.00,	2.15,	79.44,
	0.68E-07,	0.22E-12,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A2	,VOC	,ISA Refinery	, 561561.06,	175365.48,		
157.32,	272.87,	229.28,	-2556.61,	409.31,	57.00,	2.15,	79.44,
	0.71E-07,	0.96E-04,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.92E-10,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.11E-11,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.92E-13,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.47E-13,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.31E-12,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.67E-11,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.92E-17,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.23E-12,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.23E-12,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.70E-11,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.39E-11,	0.23E-12,	Release not fully entrained; Roof flow reattaches;				
19.00,	11,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
152.10,	163.61,	36.23,	-1102.28,	245.41,	57.00,	2.15,	79.12,
	0.40E-11,	0.38E-08,	Release not fully entrained; Roof flow reattaches;				

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19.00,	11,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.35E-07,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.46E-10,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.99E-10,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.24E-10,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.99E-10,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.20E-08,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.35E-14,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.88E-10,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.88E-10,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.27E-08,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.88E-10,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1096.75,	245.41,	57.00,	79.12,
	0.17E-08,	0.15E-05,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.11E-05,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.18E-08,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.44E-08,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.64E-09,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.47E-08,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.91E-07,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.11E-12,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.27E-08,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.27E-08,Release not fully entrained; Roof flow reattaches;			
19.00,	11,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
152.10,	163.61,	36.23, -1095.81,	245.41,	57.00,	79.12,
	0.45E-07,	0.81E-07,Release not fully entrained; Roof flow reattaches;			

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	11,A6	,Manganese	,ISA Refinery		561454.00,	175384.00,
19.00,	163.61,	36.23,	-1095.81,	245.41,	57.00,	2.15,
152.10,	0.45E-07,	0.27E-08,	Release not fully entrained; Roof flow reattaches;			
	11,A6	,VOC	,ISA Refinery		561454.00,	175384.00,
19.00,	163.61,	36.23,	-1095.81,	245.41,	57.00,	2.15,
152.10,	0.46E-07,	0.44E-04,	Release not fully entrained; Roof flow reattaches;			
region;	11,A7	,Lead	,Source outside building effects			
region;	11,A7	,Arsenic	,Source outside building effects			
region;	11,A7	,Antimony	,Source outside building effects			
region;	11,A7	,Cadmium	,Source outside building effects			
region;	11,A7	,Copper	,Source outside building effects			
region;	11,A7	,Zinc	,Source outside building effects			
region;	11,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects			
region;	11,A7	,Bismuth	,Source outside building effects			
region;	11,A7	,Tin	,Source outside building effects			
region;	11,A7	,Nickel	,Source outside building effects			
region;	11,A7	,Manganese	,Source outside building effects			
region;	11,A7	,VOC	,Source outside building effects			
	12,A1	,Lead	,ISA Refinery		561561.06,	175365.47,
19.00,	272.87,	229.28,	-11500.33,	409.31,	57.00,	1.51,
223.97,	0.37E-08,	0.92E-08,	Release not fully entrained; Roof flow reattaches;			
	12,A1	,Arsenic	,ISA Refinery		561561.06,	175365.47,
19.00,	272.87,	229.28,	-11500.33,	409.31,	57.00,	1.51,
223.97,	0.37E-08,	0.51E-10,	Release not fully entrained; Roof flow reattaches;			
	12,A1	,Antimony	,ISA Refinery		561561.06,	175365.47,
19.00,	272.87,	229.28,	-11500.33,	409.31,	57.00,	1.51,
223.97,	0.37E-08,	0.62E-09,	Release not fully entrained; Roof flow reattaches;			
	12,A1	,Cadmium	,ISA Refinery		561561.06,	175365.47,
19.00,	272.87,	229.28,	-11500.33,	409.31,	57.00,	1.51,
223.97,	0.37E-08,	0.47E-10,	Release not fully entrained; Roof flow reattaches;			
	12,A1	,Copper	,ISA Refinery		561561.06,	175365.47,
19.00,	272.87,	229.28,	-11500.33,	409.31,	57.00,	1.51,
223.97,	0.37E-08,	0.39E-09,	Release not fully entrained; Roof flow reattaches;			
	12,A1	,Zinc	,ISA Refinery		561561.06,	175365.47,
19.00,	272.87,	229.28,	-11500.33,	409.31,	57.00,	1.51,
223.97,	0.37E-08,	0.11E-07,	Release not fully entrained; Roof flow reattaches;			
	12,A2	,Lead	,ISA Refinery		561561.06,	175365.48,
19.00,	272.87,	229.28,	-10171.95,	409.31,	57.00,	1.51,
223.97,	0.10E-07,	0.73E-06,	Release not fully entrained; Roof flow reattaches;			
	12,A2	,Arsenic	,ISA Refinery		561561.06,	175365.48,
19.00,	272.87,	229.28,	-10171.95,	409.31,	57.00,	1.51,
223.97,	0.10E-07,	0.20E-09,	Release not fully entrained; Roof flow reattaches;			
	12,A2	,Antimony	,ISA Refinery		561561.06,	175365.48,
19.00,	272.87,	229.28,	-10171.95,	409.31,	57.00,	1.51,
223.97,	0.10E-07,	0.22E-08,	Release not fully entrained; Roof flow reattaches;			
	12,A2	,Cadmium	,ISA Refinery		561561.06,	175365.48,
19.00,	272.87,	229.28,	-10171.95,	409.31,	57.00,	1.51,
223.97,	0.10E-07,	0.22E-09,	Release not fully entrained; Roof flow reattaches;			
	12,A2	,Copper	,ISA Refinery		561561.06,	175365.48,
19.00,	272.87,	229.28,	-10171.95,	409.31,	57.00,	1.51,
223.97,	0.10E-07,	0.91E-08,	Release not fully entrained; Roof flow reattaches;			
	12,A2	,Zinc	,ISA Refinery		561561.06,	175365.48,
19.00,	272.87,	229.28,	-10171.95,	409.31,	57.00,	1.51,
223.97,	0.10E-07,	0.50E-07,	Release not fully entrained; Roof flow reattaches;			

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19.00,	12,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561561.06,	175365.48,
223.97,	272.87,	229.28,	-10171.95,	409.31,	57.00,
	0.10E-07,	0.45E-13,	Release not fully entrained; Roof flow reattaches;	1.51,	79.44,
19.00,	12,A2	,VOC	,ISA Refinery	, 561561.06,	175365.48,
223.97,	272.87,	229.28,	-10171.95,	409.31,	57.00,
	0.15E-07,	0.28E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	79.44,
19.00,	12,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5320.13,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5299.15,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5299.15,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5299.15,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5299.15,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5299.15,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5299.15,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5299.15,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,
19.00,	12,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23,	-5299.15,	245.41,	57.00,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;	1.51,	79.12,

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	12,A5	,Tin	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5299.15,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A5	,Nickel	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5299.15,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A5	,Manganese	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5299.15,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A5	,VOC	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5299.15,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Lead	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Arsenic	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Antimony	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Cadmium	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Copper	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Zinc	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Bismuth	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Tin	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Nickel	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,Manganese	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A6	,VOC	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5295.51,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	12,A7	,Lead	,Source outside building effects				
region;							
	12,A7	,Arsenic	,Source outside building effects				
region;							
	12,A7	,Antimony	,Source outside building effects				
region;							
	12,A7	,Cadmium	,Source outside building effects				
region;							
	12,A7	,Copper	,Source outside building effects				
region;							
	12,A7	,Zinc	,Source outside building effects				
region;							
	12,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects				
region;							
	12,A7	,Bismuth	,Source outside building effects				
region;							
	12,A7	,Tin	,Source outside building effects				
region;							

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region;	12,A7	,Nickel	,Source outside building effects				
region;	12,A7	,Manganese	,Source outside building effects				
region;	12,A7	,VOC	,Source outside building effects				
	13,A1	,Lead	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10129.00,	368.20,	57.00,	1.51,	77.50,
222.83,	0.46E-08,	0.12E-07,	Release not fully entrained; Roof flow reattaches;				
	13,A1	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10129.00,	368.20,	57.00,	1.51,	77.50,
222.83,	0.46E-08,	0.64E-10,	Release not fully entrained; Roof flow reattaches;				
	13,A1	,Antimony	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10129.00,	368.20,	57.00,	1.51,	77.50,
222.83,	0.46E-08,	0.78E-09,	Release not fully entrained; Roof flow reattaches;				
	13,A1	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10129.00,	368.20,	57.00,	1.51,	77.50,
222.83,	0.46E-08,	0.60E-10,	Release not fully entrained; Roof flow reattaches;				
	13,A1	,Copper	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10129.00,	368.20,	57.00,	1.51,	77.50,
222.83,	0.46E-08,	0.50E-09,	Release not fully entrained; Roof flow reattaches;				
	13,A1	,Zinc	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10129.00,	368.20,	57.00,	1.51,	77.50,
222.83,	0.46E-08,	0.14E-07,	Release not fully entrained; Roof flow reattaches;				
	13,A2	,Lead	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8783.09,	368.20,	57.00,	1.51,	77.50,
222.83,	0.95E-08,	0.70E-06,	Release not fully entrained; Roof flow reattaches;				
	13,A2	,Arsenic	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8783.09,	368.20,	57.00,	1.51,	77.50,
222.83,	0.95E-08,	0.19E-09,	Release not fully entrained; Roof flow reattaches;				
	13,A2	,Antimony	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8783.09,	368.20,	57.00,	1.51,	77.50,
222.83,	0.95E-08,	0.22E-08,	Release not fully entrained; Roof flow reattaches;				
	13,A2	,Cadmium	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8783.09,	368.20,	57.00,	1.51,	77.50,
222.83,	0.95E-08,	0.22E-09,	Release not fully entrained; Roof flow reattaches;				
	13,A2	,Copper	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8783.09,	368.20,	57.00,	1.51,	77.50,
222.83,	0.95E-08,	0.88E-08,	Release not fully entrained; Roof flow reattaches;				
	13,A2	,Zinc	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8783.09,	368.20,	57.00,	1.51,	77.50,
222.83,	0.95E-08,	0.48E-07,	Release not fully entrained; Roof flow reattaches;				
	13,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8783.09,	368.20,	57.00,	1.51,	77.50,
222.83,	0.95E-08,	0.44E-13,	Release not fully entrained; Roof flow reattaches;				
	13,A2	,VOC	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8783.09,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-07,	0.27E-04,	Release not fully entrained; Roof flow reattaches;				
	13,A4	,Lead	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.35E-01,	Release not fully entrained; Roof flow reattaches;				
	13,A4	,Arsenic	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.42E-03,	Release not fully entrained; Roof flow reattaches;				
	13,A4	,Antimony	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.35E-04,	Release not fully entrained; Roof flow reattaches;				
	13,A4	,Cadmium	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.18E-04,	Release not fully entrained; Roof flow reattaches;				
	13,A4	,Copper	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.12E-03,	Release not fully entrained; Roof flow reattaches;				
	13,A4	,Zinc	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.26E-02,	Release not fully entrained; Roof flow reattaches;				

Emissions to air risk assessment
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19.00,	13,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.35E-08,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A4	,Bismuth	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A4	,Tin	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A4	,Nickel	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.27E-02,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A4	,Manganese	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A4	,VOC	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.12E-02,	0.17E+01,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Lead	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.44E-01,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.57E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Antimony	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.12E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.30E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Copper	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.12E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Zinc	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.25E-02,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.44E-08,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Bismuth	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.11E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Tin	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.11E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Nickel	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.33E-02,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,Manganese	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.11E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A5	,VOC	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.17E-02,	0.21E+01,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A6	,Lead	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.56E-01,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A6	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.95E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A6	,Antimony	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.23E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	13,A6	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.34E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,

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19.00,	13,A6	,Copper	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.25E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	13,A6	,Zinc	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.48E-02,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	13,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.56E-08,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	13,A6	,Bismuth	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	13,A6	,Tin	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	13,A6	,Nickel	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.42E-02,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	13,A6	,Manganese	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	13,A6	,VOC	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.19E-02,	0.27E+01,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
region;	13,A7	,Lead	,Source outside building effects		
region;	13,A7	,Arsenic	,Source outside building effects		
region;	13,A7	,Antimony	,Source outside building effects		
region;	13,A7	,Cadmium	,Source outside building effects		
region;	13,A7	,Copper	,Source outside building effects		
region;	13,A7	,Zinc	,Source outside building effects		
region;	13,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects		
region;	13,A7	,Bismuth	,Source outside building effects		
region;	13,A7	,Tin	,Source outside building effects		
region;	13,A7	,Nickel	,Source outside building effects		
region;	13,A7	,Manganese	,Source outside building effects		
region;	13,A7	,VOC	,Source outside building effects		
19.00,	14,A1	,Lead	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-10173.45,	368.20,	57.00,
	0.45E-08,	0.11E-07,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	14,A1	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-10173.45,	368.20,	57.00,
	0.45E-08,	0.62E-10,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	14,A1	,Antimony	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-10173.45,	368.20,	57.00,
	0.45E-08,	0.76E-09,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	14,A1	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-10173.45,	368.20,	57.00,
	0.45E-08,	0.58E-10,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	14,A1	,Copper	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-10173.45,	368.20,	57.00,
	0.45E-08,	0.48E-09,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	14,A1	,Zinc	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-10173.45,	368.20,	57.00,
	0.45E-08,	0.14E-07,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,

Emissions to air risk assessment
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	14,A2	,Lead	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8821.79,	368.20,	57.00,	1.51,	77.50,
222.83,	0.93E-08,	0.69E-06,Release not fully entrained; Roof flow reattaches;					
	14,A2	,Arsenic	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8821.79,	368.20,	57.00,	1.51,	77.50,
222.83,	0.93E-08,	0.19E-09,Release not fully entrained; Roof flow reattaches;					
	14,A2	,Antimony	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8821.79,	368.20,	57.00,	1.51,	77.50,
222.83,	0.93E-08,	0.21E-08,Release not fully entrained; Roof flow reattaches;					
	14,A2	,Cadmium	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8821.79,	368.20,	57.00,	1.51,	77.50,
222.83,	0.93E-08,	0.21E-09,Release not fully entrained; Roof flow reattaches;					
	14,A2	,Copper	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8821.79,	368.20,	57.00,	1.51,	77.50,
222.83,	0.93E-08,	0.86E-08,Release not fully entrained; Roof flow reattaches;					
	14,A2	,Zinc	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8821.79,	368.20,	57.00,	1.51,	77.50,
222.83,	0.93E-08,	0.47E-07,Release not fully entrained; Roof flow reattaches;					
	14,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8821.79,	368.20,	57.00,	1.51,	77.50,
222.83,	0.93E-08,	0.43E-13,Release not fully entrained; Roof flow reattaches;					
	14,A2	,VOC	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8821.79,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-07,	0.27E-04,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Lead	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.35E-01,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Arsenic	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.42E-03,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Antimony	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.35E-04,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Cadmium	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.18E-04,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Copper	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.12E-03,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Zinc	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.26E-02,Release not fully entrained; Roof flow reattaches;					
	14,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.35E-08,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Bismuth	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Tin	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Nickel	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.27E-02,Release not fully entrained; Roof flow reattaches;					
	14,A4	,Manganese	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;					
	14,A4	,VOC	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.12E-02,	0.17E+01,Release not fully entrained; Roof flow reattaches;					
	14,A5	,Lead	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.44E-01,Release not fully entrained; Roof flow reattaches;					
	14,A5	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.57E-04,Release not fully entrained; Roof flow reattaches;					

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19.00,	14,A5	,Antimony	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.12E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.30E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,Copper	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.12E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,Zinc	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.25E-02,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.44E-08,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,Bismuth	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.11E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,Tin	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.11E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,Nickel	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.33E-02,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,Manganese	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.11E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A5	,VOC	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.17E-02,	0.21E+01,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Lead	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.56E-01,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.95E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Antimony	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.23E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.34E-04,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Copper	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.25E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Zinc	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.48E-02,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.56E-08,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Bismuth	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Tin	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Nickel	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.42E-02,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,Manganese	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,
19.00,	14,A6	,VOC	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.19E-02,	0.27E+01,Release not fully entrained; Roof flow reattaches;		1.51,	77.50,

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region;	14,A7	,Lead	,Source outside building effects				
region;	14,A7	,Arsenic	,Source outside building effects				
region;	14,A7	,Antimony	,Source outside building effects				
region;	14,A7	,Cadmium	,Source outside building effects				
region;	14,A7	,Copper	,Source outside building effects				
region;	14,A7	,Zinc	,Source outside building effects				
region;	14,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects				
region;	14,A7	,Bismuth	,Source outside building effects				
region;	14,A7	,Tin	,Source outside building effects				
region;	14,A7	,Nickel	,Source outside building effects				
region;	14,A7	,Manganese	,Source outside building effects				
region;	14,A7	,VOC	,Source outside building effects				
	15,A1	,Lead	,ISA Refinery	,	561554.12,	175375.66,	
19.00,	245.47,	249.42,	-10244.15,	368.20,	57.00,	1.51,	
222.83,	0.43E-08,	0.11E-07,	Release not fully entrained; Roof flow reattaches;				
	15,A1	,Arsenic	,ISA Refinery	,	561554.12,	175375.66,	
19.00,	245.47,	249.42,	-10244.15,	368.20,	57.00,	1.51,	
222.83,	0.43E-08,	0.59E-10,	Release not fully entrained; Roof flow reattaches;				
	15,A1	,Antimony	,ISA Refinery	,	561554.12,	175375.66,	
19.00,	245.47,	249.42,	-10244.15,	368.20,	57.00,	1.51,	
222.83,	0.43E-08,	0.72E-09,	Release not fully entrained; Roof flow reattaches;				
	15,A1	,Cadmium	,ISA Refinery	,	561554.12,	175375.66,	
19.00,	245.47,	249.42,	-10244.15,	368.20,	57.00,	1.51,	
222.83,	0.43E-08,	0.56E-10,	Release not fully entrained; Roof flow reattaches;				
	15,A1	,Copper	,ISA Refinery	,	561554.12,	175375.66,	
19.00,	245.47,	249.42,	-10244.15,	368.20,	57.00,	1.51,	
222.83,	0.43E-08,	0.46E-09,	Release not fully entrained; Roof flow reattaches;				
	15,A1	,Zinc	,ISA Refinery	,	561554.12,	175375.66,	
19.00,	245.47,	249.42,	-10244.15,	368.20,	57.00,	1.51,	
222.83,	0.43E-08,	0.13E-07,	Release not fully entrained; Roof flow reattaches;				
	15,A2	,Lead	,ISA Refinery	,	561554.12,	175375.64,	
19.00,	245.47,	249.42,	-8880.08,	368.20,	57.00,	1.51,	
222.83,	0.91E-08,	0.67E-06,	Release not fully entrained; Roof flow reattaches;				
	15,A2	,Arsenic	,ISA Refinery	,	561554.12,	175375.64,	
19.00,	245.47,	249.42,	-8880.08,	368.20,	57.00,	1.51,	
222.83,	0.91E-08,	0.18E-09,	Release not fully entrained; Roof flow reattaches;				
	15,A2	,Antimony	,ISA Refinery	,	561554.12,	175375.64,	
19.00,	245.47,	249.42,	-8880.08,	368.20,	57.00,	1.51,	
222.83,	0.91E-08,	0.21E-08,	Release not fully entrained; Roof flow reattaches;				
	15,A2	,Cadmium	,ISA Refinery	,	561554.12,	175375.64,	
19.00,	245.47,	249.42,	-8880.08,	368.20,	57.00,	1.51,	
222.83,	0.91E-08,	0.21E-09,	Release not fully entrained; Roof flow reattaches;				
	15,A2	,Copper	,ISA Refinery	,	561554.12,	175375.64,	
19.00,	245.47,	249.42,	-8880.08,	368.20,	57.00,	1.51,	
222.83,	0.91E-08,	0.84E-08,	Release not fully entrained; Roof flow reattaches;				
	15,A2	,Zinc	,ISA Refinery	,	561554.12,	175375.64,	
19.00,	245.47,	249.42,	-8880.08,	368.20,	57.00,	1.51,	
222.83,	0.91E-08,	0.46E-07,	Release not fully entrained; Roof flow reattaches;				
	15,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	,	561554.12,	175375.64,	
19.00,	245.47,	249.42,	-8880.08,	368.20,	57.00,	1.51,	
222.83,	0.91E-08,	0.42E-13,	Release not fully entrained; Roof flow reattaches;				
	15,A2	,VOC	,ISA Refinery	,	561554.12,	175375.64,	
19.00,	245.47,	249.42,	-8880.08,	368.20,	57.00,	1.51,	
222.83,	0.13E-07,	0.26E-04,	Release not fully entrained; Roof flow reattaches;				

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	15,A4	,Lead	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.35E-01,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Arsenic	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.42E-03,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Antimony	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.35E-04,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Cadmium	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.18E-04,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Copper	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.12E-03,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Zinc	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.26E-02,Release not fully entrained; Roof flow reattaches;					
	15,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.35E-08,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Bismuth	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Tin	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Nickel	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.27E-02,Release not fully entrained; Roof flow reattaches;					
	15,A4	,Manganese	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.10E-02,	0.88E-04,Release not fully entrained; Roof flow reattaches;					
	15,A4	,VOC	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-8552.69,	368.20,	57.00,	1.51,	77.50,
222.83,	0.12E-02,	0.17E+01,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Lead	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.44E-01,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.57E-04,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Antimony	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.12E-03,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.30E-04,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Copper	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.12E-03,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Zinc	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.25E-02,Release not fully entrained; Roof flow reattaches;					
	15,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.44E-08,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Bismuth	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.11E-03,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Tin	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.11E-03,Release not fully entrained; Roof flow reattaches;					
	15,A5	,Nickel	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
222.83,	0.14E-02,	0.33E-02,Release not fully entrained; Roof flow reattaches;					

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19.00,	15,A5	,Manganese	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.11E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A5	,VOC	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.17E-02,	0.21E+01,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Lead	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.56E-01,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.95E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Antimony	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.23E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.34E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Copper	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.25E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Zinc	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.48E-02,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.56E-08,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Bismuth	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Tin	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Nickel	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.42E-02,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,Manganese	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	15,A6	,VOC	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,
	0.19E-02,	0.27E+01,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
region;	15,A7	,Lead	,Source outside building effects		
region;	15,A7	,Arsenic	,Source outside building effects		
region;	15,A7	,Antimony	,Source outside building effects		
region;	15,A7	,Cadmium	,Source outside building effects		
region;	15,A7	,Copper	,Source outside building effects		
region;	15,A7	,Zinc	,Source outside building effects		
region;	15,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects		
region;	15,A7	,Bismuth	,Source outside building effects		
region;	15,A7	,Tin	,Source outside building effects		
region;	15,A7	,Nickel	,Source outside building effects		
region;	15,A7	,Manganese	,Source outside building effects		
region;	15,A7	,VOC	,Source outside building effects		

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19.00,	17,A1	,Lead	,ISA Refinery	, 561561.06,	175365.47,		
223.97,	272.87,	229.28,	-11653.11,	409.31,	57.00,	1.51,	79.44,
	0.33E-08,	0.83E-08,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A1	,Arsenic	,ISA Refinery	, 561561.06,	175365.47,		
223.97,	272.87,	229.28,	-11653.11,	409.31,	57.00,	1.51,	79.44,
	0.33E-08,	0.45E-10,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A1	,Antimony	,ISA Refinery	, 561561.06,	175365.47,		
223.97,	272.87,	229.28,	-11653.11,	409.31,	57.00,	1.51,	79.44,
	0.33E-08,	0.56E-09,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A1	,Cadmium	,ISA Refinery	, 561561.06,	175365.47,		
223.97,	272.87,	229.28,	-11653.11,	409.31,	57.00,	1.51,	79.44,
	0.33E-08,	0.43E-10,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A1	,Copper	,ISA Refinery	, 561561.06,	175365.47,		
223.97,	272.87,	229.28,	-11653.11,	409.31,	57.00,	1.51,	79.44,
	0.33E-08,	0.35E-09,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A1	,Zinc	,ISA Refinery	, 561561.06,	175365.47,		
223.97,	272.87,	229.28,	-11653.11,	409.31,	57.00,	1.51,	79.44,
	0.33E-08,	0.10E-07,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A2	,Lead	,ISA Refinery	, 561561.06,	175365.48,		
223.97,	272.87,	229.28,	-10279.60,	409.31,	57.00,	1.51,	79.44,
	0.97E-08,	0.70E-06,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A2	,Arsenic	,ISA Refinery	, 561561.06,	175365.48,		
223.97,	272.87,	229.28,	-10279.60,	409.31,	57.00,	1.51,	79.44,
	0.97E-08,	0.19E-09,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A2	,Antimony	,ISA Refinery	, 561561.06,	175365.48,		
223.97,	272.87,	229.28,	-10279.60,	409.31,	57.00,	1.51,	79.44,
	0.97E-08,	0.21E-08,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A2	,Cadmium	,ISA Refinery	, 561561.06,	175365.48,		
223.97,	272.87,	229.28,	-10279.60,	409.31,	57.00,	1.51,	79.44,
	0.97E-08,	0.21E-09,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A2	,Copper	,ISA Refinery	, 561561.06,	175365.48,		
223.97,	272.87,	229.28,	-10279.60,	409.31,	57.00,	1.51,	79.44,
	0.97E-08,	0.88E-08,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A2	,Zinc	,ISA Refinery	, 561561.06,	175365.48,		
223.97,	272.87,	229.28,	-10279.60,	409.31,	57.00,	1.51,	79.44,
	0.97E-08,	0.48E-07,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561561.06,	175365.48,		
223.97,	272.87,	229.28,	-10279.60,	409.31,	57.00,	1.51,	79.44,
	0.97E-08,	0.44E-13,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A2	,VOC	,ISA Refinery	, 561561.06,	175365.48,		
223.97,	272.87,	229.28,	-10279.60,	409.31,	57.00,	1.51,	79.44,
	0.14E-07,	0.27E-04,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
216.54,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
216.54,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
216.54,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
216.54,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
216.54,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
216.54,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
216.54,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
19.00,	17,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
216.54,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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	17,A4	,Tin	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A4	,Nickel	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A4	,Manganese	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A4	,VOC	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Lead	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Arsenic	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Antimony	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Cadmium	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Copper	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Zinc	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Bismuth	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Tin	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Nickel	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,Manganese	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A5	,VOC	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5369.94,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Lead	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Arsenic	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Antimony	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Cadmium	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Copper	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Zinc	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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	17,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	17,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
region;	17,A7	,Lead	,Source outside building effects				
region;	17,A7	,Arsenic	,Source outside building effects				
region;	17,A7	,Antimony	,Source outside building effects				
region;	17,A7	,Cadmium	,Source outside building effects				
region;	17,A7	,Copper	,Source outside building effects				
region;	17,A7	,Zinc	,Source outside building effects				
region;	17,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects				
region;	17,A7	,Bismuth	,Source outside building effects				
region;	17,A7	,Tin	,Source outside building effects				
region;	17,A7	,Nickel	,Source outside building effects				
region;	17,A7	,Manganese	,Source outside building effects				
region;	17,A7	,VOC	,Source outside building effects				
	21,A1	,Lead	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10448.20,	368.20,	57.00,	1.51,	77.50,
222.83,	0.36E-08,	0.92E-08,	Release not fully entrained; Roof flow reattaches;				
	21,A1	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10448.20,	368.20,	57.00,	1.51,	77.50,
222.83,	0.36E-08,	0.51E-10,	Release not fully entrained; Roof flow reattaches;				
	21,A1	,Antimony	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10448.20,	368.20,	57.00,	1.51,	77.50,
222.83,	0.36E-08,	0.62E-09,	Release not fully entrained; Roof flow reattaches;				
	21,A1	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10448.20,	368.20,	57.00,	1.51,	77.50,
222.83,	0.36E-08,	0.48E-10,	Release not fully entrained; Roof flow reattaches;				
	21,A1	,Copper	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10448.20,	368.20,	57.00,	1.51,	77.50,
222.83,	0.36E-08,	0.39E-09,	Release not fully entrained; Roof flow reattaches;				
	21,A1	,Zinc	,ISA Refinery	, 561554.12,	175375.66,		
19.00,	245.47,	249.42,	-10448.20,	368.20,	57.00,	1.51,	77.50,
222.83,	0.36E-08,	0.11E-07,	Release not fully entrained; Roof flow reattaches;				
	21,A2	,Lead	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-9047.68,	368.20,	57.00,	1.51,	77.50,
222.83,	0.82E-08,	0.61E-06,	Release not fully entrained; Roof flow reattaches;				
	21,A2	,Arsenic	,ISA Refinery	, 561554.12,	175375.64,		
19.00,	245.47,	249.42,	-9047.68,	368.20,	57.00,	1.51,	77.50,
222.83,	0.82E-08,	0.17E-09,	Release not fully entrained; Roof flow reattaches;				

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19.00,	21,A2	,Antimony	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-9047.68,	368.20,	57.00,
	0.82E-08,	0.19E-08,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A2	,Cadmium	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-9047.68,	368.20,	57.00,
	0.82E-08,	0.19E-09,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A2	,Copper	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-9047.68,	368.20,	57.00,
	0.82E-08,	0.76E-08,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A2	,Zinc	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-9047.68,	368.20,	57.00,
	0.82E-08,	0.42E-07,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-9047.68,	368.20,	57.00,
	0.82E-08,	0.38E-13,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A2	,VOC	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-9047.68,	368.20,	57.00,
	0.12E-07,	0.24E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Lead	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.35E-01,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Arsenic	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.42E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Antimony	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.35E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Cadmium	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.18E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Copper	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.12E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Zinc	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.26E-02,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.35E-08,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Bismuth	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.88E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Tin	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.88E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Nickel	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.27E-02,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,Manganese	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.10E-02,	0.88E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A4	,VOC	,ISA Refinery	, 561554.12,	175375.64,
222.83,	245.47,	249.42,	-8552.69,	368.20,	57.00,
	0.12E-02,	0.17E+01,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A5	,Lead	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.44E-01,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A5	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.57E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A5	,Antimony	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.12E-03,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,
19.00,	21,A5	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,
	0.14E-02,	0.30E-04,	Release not fully entrained; Roof flow reattaches;	1.51,	77.50,

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19.00,	21,A5	,Copper	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
	0.14E-02,	0.12E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A5	,Zinc	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
	0.14E-02,	0.25E-02,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
	0.14E-02,	0.44E-08,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A5	,Bismuth	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
	0.14E-02,	0.11E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A5	,Tin	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
	0.14E-02,	0.11E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A5	,Nickel	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
	0.14E-02,	0.33E-02,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A5	,Manganese	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
	0.14E-02,	0.11E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A5	,VOC	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8520.81,	368.20,	57.00,	1.51,	77.50,
	0.17E-02,	0.21E+01,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Lead	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.56E-01,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Arsenic	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.95E-04,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Antimony	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.23E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Cadmium	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.34E-04,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Copper	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.25E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Zinc	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.48E-02,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.56E-08,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Bismuth	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Tin	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Nickel	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.42E-02,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,Manganese	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.16E-02,	0.14E-03,	Release not fully entrained; Roof flow reattaches;				
19.00,	21,A6	,VOC	,ISA Refinery	, 561554.12,	175375.66,		
222.83,	245.47,	249.42,	-8515.35,	368.20,	57.00,	1.51,	77.50,
	0.19E-02,	0.27E+01,	Release not fully entrained; Roof flow reattaches;				
region;	21,A7	,Lead	,Source outside building effects				
region;	21,A7	,Arsenic	,Source outside building effects				
region;	21,A7	,Antimony	,Source outside building effects				

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region;	21,A7	,Cadmium	,Source outside building effects			
region;	21,A7	,Copper	,Source outside building effects			
region;	21,A7	,Zinc	,Source outside building effects			
region;	21,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects			
region;	21,A7	,Bismuth	,Source outside building effects			
region;	21,A7	,Tin	,Source outside building effects			
region;	21,A7	,Nickel	,Source outside building effects			
region;	21,A7	,Manganese	,Source outside building effects			
region;	21,A7	,VOC	,Source outside building effects			
	22,A1	,Lead	,ISA Refinery	, 561561.06,	175365.47,	
19.00,	272.87,	229.28,	-2060.54,	409.31,	57.00,	2.14,
157.66,	0.60E-05,	0.11E-04,	Release not fully entrained; Roof flow reattaches;			
	22,A1	,Arsenic	,ISA Refinery	, 561561.06,	175365.47,	
19.00,	272.87,	229.28,	-2060.54,	409.31,	57.00,	2.14,
157.66,	0.60E-05,	0.60E-07,	Release not fully entrained; Roof flow reattaches;			
	22,A1	,Antimony	,ISA Refinery	, 561561.06,	175365.47,	
19.00,	272.87,	229.28,	-2060.54,	409.31,	57.00,	2.14,
157.66,	0.60E-05,	0.74E-06,	Release not fully entrained; Roof flow reattaches;			
	22,A1	,Cadmium	,ISA Refinery	, 561561.06,	175365.47,	
19.00,	272.87,	229.28,	-2060.54,	409.31,	57.00,	2.14,
157.66,	0.60E-05,	0.57E-07,	Release not fully entrained; Roof flow reattaches;			
	22,A1	,Copper	,ISA Refinery	, 561561.06,	175365.47,	
19.00,	272.87,	229.28,	-2060.54,	409.31,	57.00,	2.14,
157.66,	0.60E-05,	0.47E-06,	Release not fully entrained; Roof flow reattaches;			
	22,A1	,Zinc	,ISA Refinery	, 561561.06,	175365.47,	
19.00,	272.87,	229.28,	-2060.54,	409.31,	57.00,	2.14,
157.66,	0.60E-05,	0.14E-04,	Release not fully entrained; Roof flow reattaches;			
	22,A2	,Lead	,ISA Refinery	, 561561.06,	175365.48,	
19.00,	272.87,	229.28,	-2176.02,	409.31,	57.00,	2.14,
157.66,	0.43E-05,	0.23E-03,	Release not fully entrained; Roof flow reattaches;			
	22,A2	,Arsenic	,ISA Refinery	, 561561.06,	175365.48,	
19.00,	272.87,	229.28,	-2176.02,	409.31,	57.00,	2.14,
157.66,	0.43E-05,	0.63E-07,	Release not fully entrained; Roof flow reattaches;			
	22,A2	,Antimony	,ISA Refinery	, 561561.06,	175365.48,	
19.00,	272.87,	229.28,	-2176.02,	409.31,	57.00,	2.14,
157.66,	0.43E-05,	0.70E-06,	Release not fully entrained; Roof flow reattaches;			
	22,A2	,Cadmium	,ISA Refinery	, 561561.06,	175365.48,	
19.00,	272.87,	229.28,	-2176.02,	409.31,	57.00,	2.14,
157.66,	0.43E-05,	0.70E-07,	Release not fully entrained; Roof flow reattaches;			
	22,A2	,Copper	,ISA Refinery	, 561561.06,	175365.48,	
19.00,	272.87,	229.28,	-2176.02,	409.31,	57.00,	2.14,
157.66,	0.43E-05,	0.29E-05,	Release not fully entrained; Roof flow reattaches;			
	22,A2	,Zinc	,ISA Refinery	, 561561.06,	175365.48,	
19.00,	272.87,	229.28,	-2176.02,	409.31,	57.00,	2.14,
157.66,	0.43E-05,	0.16E-04,	Release not fully entrained; Roof flow reattaches;			
	22,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561561.06,	175365.48,	
19.00,	272.87,	229.28,	-2176.02,	409.31,	57.00,	2.14,
157.66,	0.43E-05,	0.14E-10,	Release not fully entrained; Roof flow reattaches;			
	22,A2	,VOC	,ISA Refinery	, 561561.06,	175365.48,	
19.00,	272.87,	229.28,	-2176.02,	409.31,	57.00,	2.14,
157.66,	0.44E-05,	0.60E-02,	Release not fully entrained; Roof flow reattaches;			
	22,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,	2.14,
152.43,	0.13E-08,	0.30E-07,	Release not fully entrained; Roof flow reattaches;			
	22,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,	
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,	2.14,
152.43,	0.13E-08,	0.36E-09,	Release not fully entrained; Roof flow reattaches;			

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	22,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.30E-10,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.15E-10,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.10E-09,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.22E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.30E-14,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.75E-10,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.75E-10,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.23E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.75E-10,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-806.26,	245.41,	57.00,
152.43,	0.13E-08,	0.12E-05,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.27E-05,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.35E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.76E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.19E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.76E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.16E-06,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.27E-12,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.68E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.68E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.21E-06,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.68E-08,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,
	22,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
19.00,	163.61,	36.23,	-803.43,	245.41,	57.00,
152.43,	0.13E-06,	0.11E-03,Release not fully entrained; Roof flow reattaches;		2.14,	79.12,

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	22,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.38E-04,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.64E-07,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.15E-06,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.23E-07,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.17E-06,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.32E-05,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.38E-11,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.94E-07,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.94E-07,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.29E-05,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.94E-07,	Release not fully entrained; Roof flow reattaches;				
	22,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-802.97,	245.41,	57.00,	2.14,	79.12,
152.43,	0.16E-05,	0.15E-02,	Release not fully entrained; Roof flow reattaches;				
region;	22,A7	,Lead	,Source outside building effects				
region;	22,A7	,Arsenic	,Source outside building effects				
region;	22,A7	,Antimony	,Source outside building effects				
region;	22,A7	,Cadmium	,Source outside building effects				
region;	22,A7	,Copper	,Source outside building effects				
region;	22,A7	,Zinc	,Source outside building effects				
region;	22,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects				
region;	22,A7	,Bismuth	,Source outside building effects				
region;	22,A7	,Tin	,Source outside building effects				
region;	22,A7	,Nickel	,Source outside building effects				
region;	22,A7	,Manganese	,Source outside building effects				
region;	22,A7	,VOC	,Source outside building effects				
	23,A1	,Lead	,ISA Refinery	, 561561.06,	175365.47,		
19.00,	272.87,	229.28,	-11887.63,	409.31,	57.00,	1.51,	79.44,
223.97,	0.28E-08,	0.69E-08,	Release not fully entrained; Roof flow reattaches;				
	23,A1	,Arsenic	,ISA Refinery	, 561561.06,	175365.47,		
19.00,	272.87,	229.28,	-11887.63,	409.31,	57.00,	1.51,	79.44,
223.97,	0.28E-08,	0.38E-10,	Release not fully entrained; Roof flow reattaches;				

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	23,A1	,Antimony	,ISA Refinery	, 561561.06,	175365.47,		
19.00,	272.87,	229.28,	-11887.63,	409.31,	57.00,	1.51,	79.44,
223.97,	0.28E-08,	0.46E-09,	Release not fully entrained; Roof flow reattaches;				
	23,A1	,Cadmium	,ISA Refinery	, 561561.06,	175365.47,		
19.00,	272.87,	229.28,	-11887.63,	409.31,	57.00,	1.51,	79.44,
223.97,	0.28E-08,	0.35E-10,	Release not fully entrained; Roof flow reattaches;				
	23,A1	,Copper	,ISA Refinery	, 561561.06,	175365.47,		
19.00,	272.87,	229.28,	-11887.63,	409.31,	57.00,	1.51,	79.44,
223.97,	0.28E-08,	0.29E-09,	Release not fully entrained; Roof flow reattaches;				
	23,A1	,Zinc	,ISA Refinery	, 561561.06,	175365.47,		
19.00,	272.87,	229.28,	-11887.63,	409.31,	57.00,	1.51,	79.44,
223.97,	0.28E-08,	0.85E-08,	Release not fully entrained; Roof flow reattaches;				
	23,A2	,Lead	,ISA Refinery	, 561561.06,	175365.48,		
19.00,	272.87,	229.28,	-10473.48,	409.31,	57.00,	1.51,	79.44,
223.97,	0.87E-08,	0.63E-06,	Release not fully entrained; Roof flow reattaches;				
	23,A2	,Arsenic	,ISA Refinery	, 561561.06,	175365.48,		
19.00,	272.87,	229.28,	-10473.48,	409.31,	57.00,	1.51,	79.44,
223.97,	0.87E-08,	0.17E-09,	Release not fully entrained; Roof flow reattaches;				
	23,A2	,Antimony	,ISA Refinery	, 561561.06,	175365.48,		
19.00,	272.87,	229.28,	-10473.48,	409.31,	57.00,	1.51,	79.44,
223.97,	0.87E-08,	0.19E-08,	Release not fully entrained; Roof flow reattaches;				
	23,A2	,Cadmium	,ISA Refinery	, 561561.06,	175365.48,		
19.00,	272.87,	229.28,	-10473.48,	409.31,	57.00,	1.51,	79.44,
223.97,	0.87E-08,	0.19E-09,	Release not fully entrained; Roof flow reattaches;				
	23,A2	,Copper	,ISA Refinery	, 561561.06,	175365.48,		
19.00,	272.87,	229.28,	-10473.48,	409.31,	57.00,	1.51,	79.44,
223.97,	0.87E-08,	0.79E-08,	Release not fully entrained; Roof flow reattaches;				
	23,A2	,Zinc	,ISA Refinery	, 561561.06,	175365.48,		
19.00,	272.87,	229.28,	-10473.48,	409.31,	57.00,	1.51,	79.44,
223.97,	0.87E-08,	0.43E-07,	Release not fully entrained; Roof flow reattaches;				
	23,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561561.06,	175365.48,		
19.00,	272.87,	229.28,	-10473.48,	409.31,	57.00,	1.51,	79.44,
223.97,	0.87E-08,	0.39E-13,	Release not fully entrained; Roof flow reattaches;				
	23,A2	,VOC	,ISA Refinery	, 561561.06,	175365.48,		
19.00,	272.87,	229.28,	-10473.48,	409.31,	57.00,	1.51,	79.44,
223.97,	0.13E-07,	0.24E-04,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5391.49,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				

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19.00,	23,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5391.49,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5391.49,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5369.94,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5366.30,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5366.30,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5366.30,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5366.30,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5366.30,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5366.30,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5366.30,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
19.00,	23,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
216.54,	163.61,	36.23, -5366.30,	245.41, 57.00,	1.51,	79.12,
	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			

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	23,A6	,Tin	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A6	,Nickel	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A6	,Manganese	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A6	,VOC	,ISA Refinery	,561454.00,	175384.00,		
19.00,	163.61,	36.23,	-5366.30,	245.41,	57.00,	1.51,	79.12,
216.54,	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;				
	23,A7	,Lead	,Source outside building effects				
region;	23,A7	,Arsenic	,Source outside building effects				
region;	23,A7	,Antimony	,Source outside building effects				
region;	23,A7	,Cadmium	,Source outside building effects				
region;	23,A7	,Copper	,Source outside building effects				
region;	23,A7	,Zinc	,Source outside building effects				
region;	23,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects				
region;	23,A7	,Bismuth	,Source outside building effects				
region;	23,A7	,Tin	,Source outside building effects				
region;	23,A7	,Nickel	,Source outside building effects				
region;	23,A7	,Manganese	,Source outside building effects				
region;	23,A7	,VOC	,Source outside building effects				
	24,A1	,Lead	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-12858.98,	437.98,	57.00,	1.51,	80.63,
224.61,	0.19E-08,	0.46E-08,	Release not fully entrained; Roof flow reattaches;				
	24,A1	,Arsenic	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-12858.98,	437.98,	57.00,	1.51,	80.63,
224.61,	0.19E-08,	0.25E-10,	Release not fully entrained; Roof flow reattaches;				
	24,A1	,Antimony	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-12858.98,	437.98,	57.00,	1.51,	80.63,
224.61,	0.19E-08,	0.31E-09,	Release not fully entrained; Roof flow reattaches;				
	24,A1	,Cadmium	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-12858.98,	437.98,	57.00,	1.51,	80.63,
224.61,	0.19E-08,	0.24E-10,	Release not fully entrained; Roof flow reattaches;				
	24,A1	,Copper	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-12858.98,	437.98,	57.00,	1.51,	80.63,
224.61,	0.19E-08,	0.20E-09,	Release not fully entrained; Roof flow reattaches;				
	24,A1	,Zinc	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-12858.98,	437.98,	57.00,	1.51,	80.63,
224.61,	0.19E-08,	0.57E-08,	Release not fully entrained; Roof flow reattaches;				
	24,A2	,Lead	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-11440.09,	437.98,	57.00,	1.51,	80.63,
224.61,	0.84E-08,	0.60E-06,	Release not fully entrained; Roof flow reattaches;				
	24,A2	,Arsenic	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-11440.09,	437.98,	57.00,	1.51,	80.63,
224.61,	0.84E-08,	0.16E-09,	Release not fully entrained; Roof flow reattaches;				
	24,A2	,Antimony	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-11440.09,	437.98,	57.00,	1.51,	80.63,
224.61,	0.84E-08,	0.18E-08,	Release not fully entrained; Roof flow reattaches;				
	24,A2	,Cadmium	,ISA Refinery	,561560.75,	175357.55,		
19.00,	291.99,	212.63,	-11440.09,	437.98,	57.00,	1.51,	80.63,
224.61,	0.84E-08,	0.18E-09,	Release not fully entrained; Roof flow reattaches;				

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19.00,	24,A2	,Copper	,ISA Refinery	, 561560.75,	175357.55,
224.61,	291.99,	212.63,	-11440.09,	437.98,	80.63,
	0.84E-08,	0.75E-08,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A2	,Zinc	,ISA Refinery	, 561560.75,	175357.55,
224.61,	291.99,	212.63,	-11440.09,	437.98,	80.63,
	0.84E-08,	0.41E-07,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A2	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561560.75,	175357.55,
224.61,	291.99,	212.63,	-11440.09,	437.98,	80.63,
	0.84E-08,	0.37E-13,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A2	,VOC	,ISA Refinery	, 561560.75,	175357.55,
224.61,	291.99,	212.63,	-11440.09,	437.98,	80.63,
	0.12E-07,	0.23E-04,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Tin	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A4	,VOC	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5349.95,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A5	,Lead	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5328.40,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A5	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5328.40,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A5	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5328.40,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A5	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5328.40,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A5	,Copper	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5328.40,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		
19.00,	24,A5	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
216.40,	162.44,	34.87,	-5328.40,	243.66,	79.86,
	0.00E+00,	0.00E+00,	Release not fully entrained; Roof flow reattaches;		

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	24,A5	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5328.40,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A5	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5328.40,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A5	,Tin	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5328.40,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A5	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5328.40,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A5	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5328.40,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A5	,VOC	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5328.40,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Lead	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Arsenic	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Antimony	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Cadmium	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Copper	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Zinc	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,PCDD/PCDF (I-TEQ)	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Bismuth	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Tin	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Nickel	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,Manganese	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A6	,VOC	,ISA Refinery	, 561454.00,	175384.00,
19.00,	162.44,	34.87, -5325.05,	243.66, 57.00,	1.51,	79.86,
216.40,	0.00E+00,	0.00E+00,Release not fully entrained; Roof flow reattaches;			
	24,A7	,Lead	,Source outside building effects		
region;					
	24,A7	,Arsenic	,Source outside building effects		
region;					
	24,A7	,Antimony	,Source outside building effects		
region;					
	24,A7	,Cadmium	,Source outside building effects		
region;					
	24,A7	,Copper	,Source outside building effects		
region;					
	24,A7	,Zinc	,Source outside building effects		
region;					

region;	24,A7	,PCDD/PCDF (I-TEQ)	,Source outside building effects
region;	24,A7	,Bismuth	,Source outside building effects
region;	24,A7	,Tin	,Source outside building effects
region;	24,A7	,Nickel	,Source outside building effects
region;	24,A7	,Manganese	,Source outside building effects
region;	24,A7	,VOC	,Source outside building effects region;